

Прессы для отходов Compact, 3250, 3220, Power, 3500, Multi, Flex, Brickman, 1540, 1550, 1560, Horizontal

Технические характеристики

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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: okv@nt-rt.ru || сайт: <https://orwak.nt-rt.ru/>

ORWAK COMPACT 3075

The ORWAK COMPACT 3075 is perfect for companies with small amounts of packaging waste. The baler comes with a small footprint, yet produces impressive bales with a weight up to 70 kg and optimal size for fitting two bales on a Euro pallet.



**SMALL
FOOTPRINT**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK COMPACT?

- Strong compaction on the spot! Requires little space, yet provides effective volume reduction
- Easy-to-handle light weight bales
- The best choice for small to medium size volumes of cardboard and plastic

ORWAK COMPACT 3075

Compact and versatile baler
– fits where you need it!

IDEAL LOGISTIC DIMENSIONS

Two bales fit perfectly on a Euro pallet and more layers of bales can be stacked to optimize a truck load

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE TROLLEY INCLUDED

Model 3075 is always delivered with a bale trolley for effortless baling and smooth internal transportation of the bale.



Material selector for cardboard and plastic
Full bale indicator
Service indicator



Adjustable bale size

- User-friendly panel
- Autostart
- Adjustable bale height in three sizes
- Bale trolley included

ORWAK COMPACT 3075 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

ORWAK CONNECT COMMUNICATION

The COMPACT balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

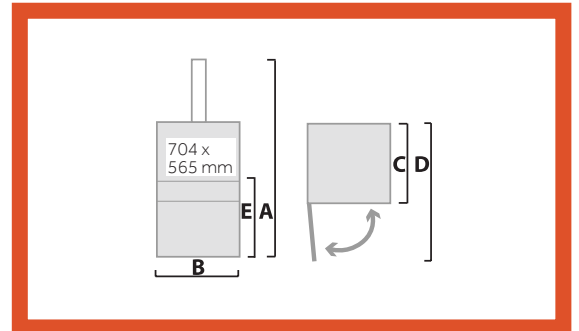
Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
2350 mm*	920 mm	717 mm	1460 mm	794 mm

*Transport height 1980 mm on demand



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 704 mm Height: 565 mm	40 secs	HP: 4 ton, 40 kN LP: 3 ton, 30 kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 70 kg Plastic: Up to 70 kg	277 kg	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK COMPACT 3110

The ORWAK COMPACT 3110 is perfect for companies with small amounts of packaging waste. Thanks to the low height in combination with the small footprint, it fits where you need it to be! It is a small but effective baler and it gives a volume reduction up to 7:1.



Complies to
EN 16500
Safety standard

ORWAK



**SMALL
FOOTPRINT**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

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MORE SPACE & ORDER

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LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK COMPACT?

- Strong compaction on the spot! Requires little space, yet provides effective volume reduction
- Easy-to-handle light weight bales
- The best choice for small to medium size volumes of cardboard and plastic

ORWAK COMPACT 3110

Compact and versatile baler
– fits where you need it!

SMALL FOOTPRINT

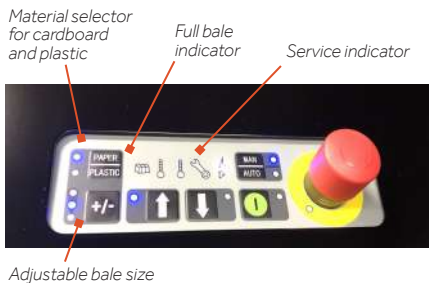
The 3110 fits where you need it to be thanks to the compact design and small footprint.

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE TROLLEY INCLUDED

Model 3110 is always delivered with a bale trolley for effortless baling and smooth internal transportation of the bale.



- User-friendly panel
- Autostart
- Adjustable bale height in three sizes
- Top cover made of recycled plastic
- Bale trolley included

ORWAK COMPACT 3110 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

ORWAK CONNECT COMMUNICATION

The COMPACT balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
1990 mm	866 mm	720 mm	1460 mm	694 mm

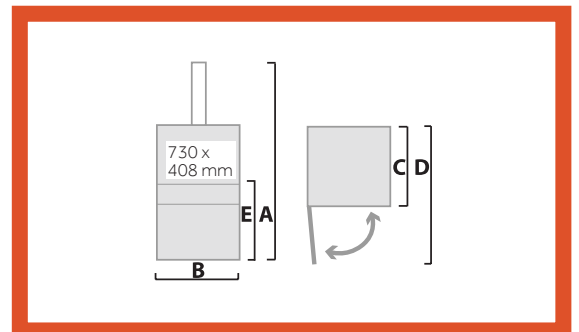
ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
0.6 W/H	580 W/H

TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 730 mm Height: 408 mm	33 secs	HP: 4 ton, 40 kN LP: 3 ton, 30 kN	Width: 700 mm Depth: 500 mm Height: 600 mm	Cardboard: Up to 50 kg Plastic: Up to 70 kg	252 kg	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



ORWAK COMPACT 3115

The ORWAK COMPACT 3115 is ideal for small volumes of plastic foil, but is also designed for cardboard compaction. A material selector makes the choice easy! The cross-binding function gives a tight grip of the bale and is helpful for compaction of soft plastic or small pieces of material.



CROSS-BINDING



**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



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WHY ORWAK COMPACT?

- Strong compaction on the spot! Requires little space, yet provides effective volume reduction
- Easy-to-handle light weight bales
- The best choice for small to medium size volumes of cardboard and plastic

ORWAK COMPACT 3115

Compact and versatile baler
– fits where you need it!

PREPARED FOR CROSS-BINDING

3115 is designed for cross-binding, a function that helps secure the bales and one that is particularly useful when compacting small pieces of material.

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE TROLLEY INCLUDED

Model 3115 is always delivered with a bale trolley for effortless baling and smooth internal transportation of the bale.



Adjustable bale size



- User-friendly panel
- Pocket for operating manual
- Top cover made of recycled plastic
- Adjustable bale height in three sizes
- Modern design

ORWAK COMPACT 3115 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper
- Paper sacks

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

ORWAK CONNECT COMMUNICATION

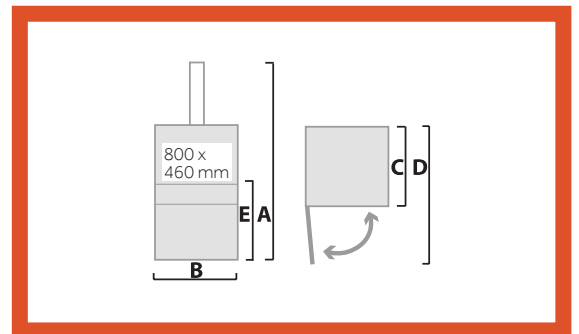
The COMPACT balers are ready to communicate when choosing the option Orwak Connect. It is a modern-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
1990 mm	940 mm	790 mm	1535 mm	650 mm



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 800 mm Height: 460 mm	33 secs	HP: 6 ton, 60 kN LP: 4 ton, 40 kN	Width: 800 mm Depth: 600 mm Height: 600 mm	Cardboard: Up to 60 kg Plastic: Up to 85 kg	380 kg	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK COMPACT 3120

The ORWAK COMPACT 3120 is perfect for both cardboard and plastic and offers strong compaction on the spot: compact machine design, yet impressive volume reduction and a bale weight of up to 100 kg. The loading gate is extra wide, 1000 mm! For rich placement opportunities, the 3120 is a single phase unit.



Complies to
EN 16500
Safety standard

ORWAK



**EXTRA WIDE
INFEED**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

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MORE SPACE & ORDER

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LESS COSTS, MORE VALUE

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WHY ORWAK COMPACT?

- Strong compaction on the spot! Requires little space, yet provides effective volume reduction
- Easy-to-handle light weight bales
- The best choice for small to medium size volumes of cardboard and plastic

ORWAK COMPACT 3120

Compact and versatile baler

SMART DESIGN

Smart, compact machine design for easy transportation and installation. Generous infeed for easy and convenient loading.

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE EJECTION

The bales weigh up to 100 kg and are easily removed thanks to a semi-automatic bale ejection function.



Adjustable bale size

- User-friendly panel
- Adjustable bale height in three sizes
- Top cover made of recycled plastic
- Modern design

ORWAK COMPACT 3120 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

ORWAK CONNECT COMMUNICATION

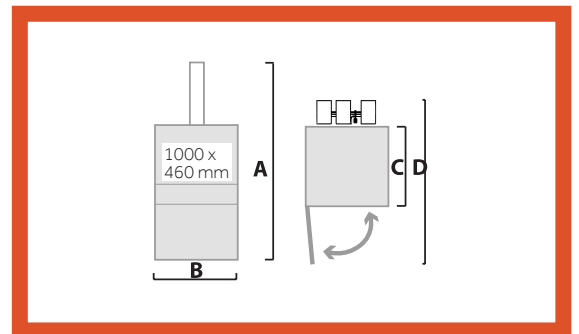
The COMPACT balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	TRANSPORT-HEIGHT
2342 mm	1184 mm	900 mm	2035 mm	2342 mm (1900 mm on demand)



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1000 mm Height: 460 mm	33 secs	HP: 6 ton, 60 kN LP: 4 ton, 40 kN	Width: 1000 mm Depth: 700 mm Height: 800 mm	Cardboard: Up to 100 kg Plastic: Up to 130 kg	580 kg	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK COMPACT 3150

The ORWAK COMPACT 3150 is perfect for both cardboard and plastic and offers strong compaction on the spot: compact machine design, yet impressive volume reduction and a bale weight of up to 150 kg. The bale size is optimized for a Euro pallet. For rich placement opportunities, the 3150 is a single phase unit.



Complies to
EN 16500
Safety standard

ORWAK



**SMALL
FOOTPRINT**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK COMPACT?

- Strong compaction on the spot! Requires little space, yet provides effective volume reduction
- Easy-to-handle compact bales
- The best choice for small to medium size volumes of cardboard and plastic

ORWAK COMPACT 3150

Single phase baler that produces up to 150 kg bales

SMART DESIGN, OPTIMIZED LOGISTICS

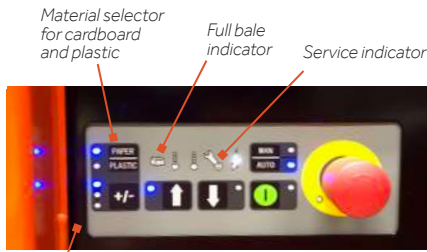
Smart, compact machine design for easy transportation and installation. The bales fit perfectly on a Euro pallet for optimized logistics.

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE EJECTION

The bales weigh up to 150 kg and are easily removed thanks to a semi-automatic bale ejection function.



Adjustable bale size

- User-friendly panel
- Autostart
- Adjustable bale height in three sizes



ORWAK COMPACT 3150 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

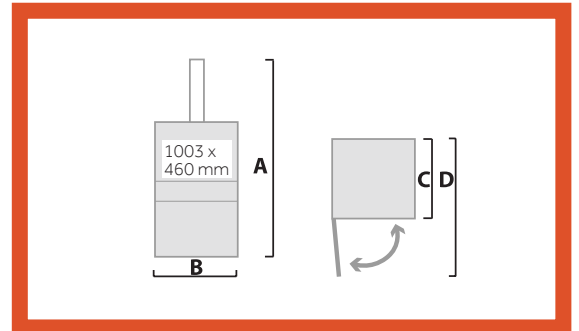
ORWAK CONNECT COMMUNICATION

The COMPACT balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS				
A	B	C	D	TRANSPORT-HEIGHT
2546 mm	1366 mm	1001 mm	2013 mm	2018 mm



TECHNICAL SPECIFICATIONS								
LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1003 mm Height: 460 mm	40 secs	HP: 8 ton, 80 kN LP: 5 ton, 50 kN	Width: 1000 mm Depth: 800 mm Height: 1000 mm	Cardboard: Up to 150 kg Plastic: Up to 190 kg	720 kg	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

OPTION ORWAK CONNECT

NEW SERVICE
MORE FEATURES

BENEFIT EVEN MORE FROM YOUR NEW BALER - LET IT COMMUNICATE!

We are happy to present Orwak Connect, a smart option that adds value to your baler! It is a modem-based communication service enabling the baler to send a message when it needs attention. Furthermore, the service gives you unique supervising opportunities! Log into the Orwak Connect web portal to monitor your fleet of balers and gather interesting baling statistics. A premium option is a built-in scale for measuring the bale weight and it gives you full control over bales produced. Orwak recently launched a new edition of the service offering additional features and a modern user-friendly interface at the portal!



ORWAK CONNECT BENEFITS

Stay in control: The web portal provides an overview of the status of your balers as well as statistics on for example the baling frequency and the number of bales produced.

Uninterrupted use: The caretaker gets notified as soon as the baler is full or needs maintenance and can make sure that the machine is in operation again quickly to avoid unnecessary downtime.

Productive use of time & optimal logistics: No need to check on the balers on routine; especially good feature if you have several balers spread out in vast premises or in several remote locations! Based on the information in the portal, you can also plan the bale collection routes efficiently.

ORWAK CONNECT

- Sends notifications: full bale, service, technical error and other information
- Access to the web portal
- Bale counter & baling statistics

ORWAK CONNECT PLUS

- All the above
- Built-in scale for bale weight statistics

CONNECT FEATURES

THE BALER SENDS NOTIFICATIONS

When it needs attention, the unit sends emails or push notices to the registered recipients.

ACCESS 24/7 TO ORWAK CONNECT WEB PORTAL

When ordering Orwak Connect, you will be invited to the web portal, where you can monitor the status of your balers, add notification recipients and gather useful statistics on baling performance.

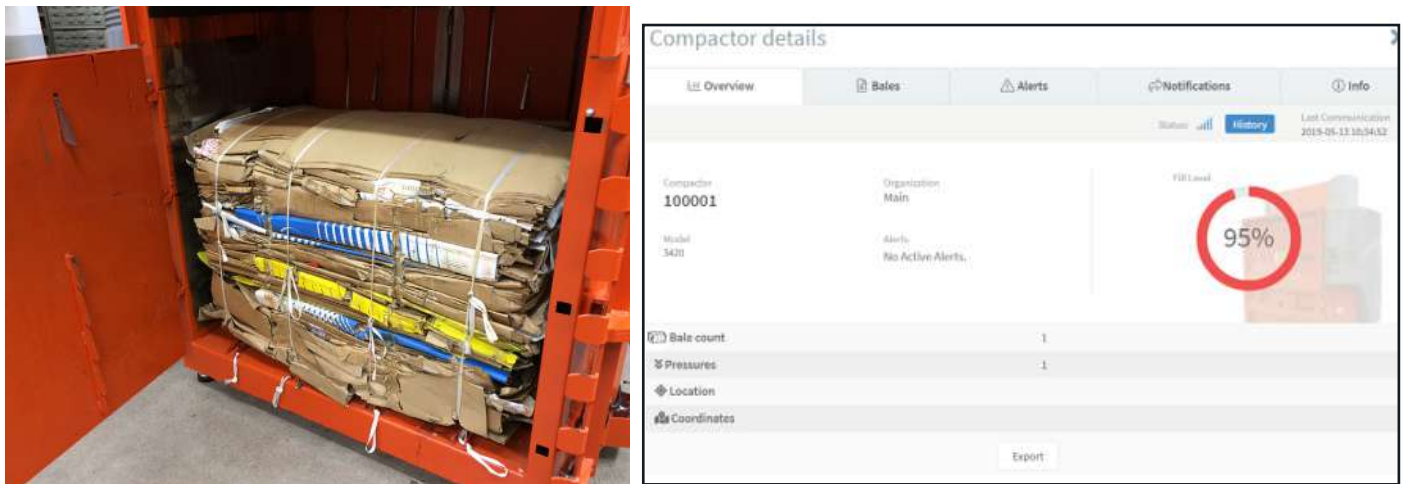
CONNECT COMMUNICATION SERVICE

When you order Orwak Connect, you get a modem, a license and can start enjoy the communication service. A SIM card is already implemented in the modem, so you do not need to worry about local operator agreements or additional unanticipated costs. The service will be prolonged, if not actively terminated, on a yearly basis, so that you can continue to benefit from Orwak Connect.



BALE STATISTICS AT THE ORWAK CONNECT PORTAL

The baler sends current data directly to the web portal, where statistics can be viewed or exported to Excel for further analyses and displays in charts.

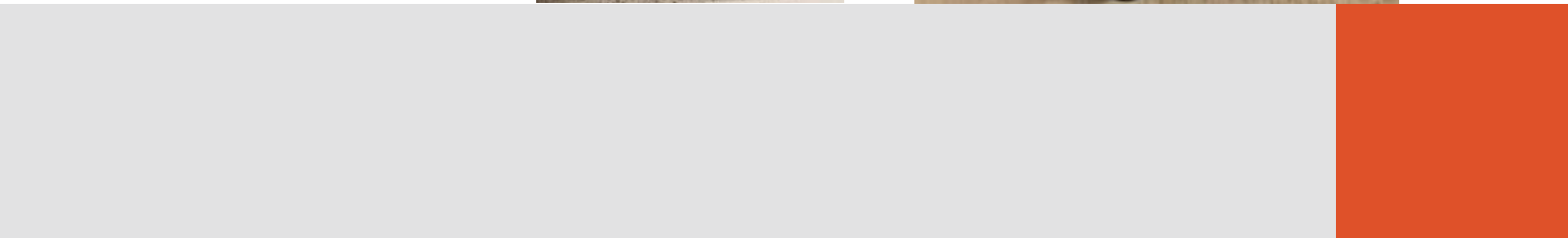


ORWAK CONNECT IS AVAILABLE FOR:
COMPACT & POWER - all models in these product families
ORWAK 3220, 3250 & 3500
MULTI 5070-HDC & 9020S - the versatile multi-chamber balers
TOM - the automatic waste bin
FLEX 4240 & 4360 - in bin waste compactors

ORWAK CONNECT PLUS

The built-in-scale is based on 4 load cells connected to a display, which shows the current bale weight (the load in the chamber). The data is transferred to the portal, where you can view the weight of every single bale produced by the baler in a specific period of time.

Bale	Timestamp	Fill level	Total press cycles	Weight
3	2019-05-06 13:10:33	100%	66	481
4	2019-05-06 13:40:43	<50%	49	208
5	2019-05-06 14:09:52	98%	75	472
6	2019-05-10 12:50:30	98%	71	465
7	2019-05-21 10:23:26	100%	89	483
8	2019-05-28 13:50:11	99%	101	474
9	2019-06-05 10:56:04	100%	96	478
10	2019-06-10 12:20:23	100%	108	479
11	2019-06-18 10:43:45	98%	117	469



ORWAK 3250

ORWAK 3250 is the right choice when you want a baler that produces big bales, up to 250 kg, yet provides simplicity, and is easy to install in different environments thanks to 230 V single phase operation. ORWAK 3250 gives you value for the money. Big bales, big savings!



**SINGLE PHASE
INSTALLATION**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

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MORE SPACE & ORDER

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LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK 3250?

- Impressive bales in size and weight
- Single phase unit, easy to place in different environments
- The best choice for medium size volumes of cardboard and plastic

ORWAK 3250

Single phase baler that produces 250 kg bales



SMART DESIGN, STRONG COMPACTION

Smart machine design for easy transportation and installation. Thanks to two powerful cylinders, the baler offers effective compaction.

AUTOSTART FOR EFFICIENT COMPACTION

An autostart function allows the baler to start compacting the material as soon as you close the door.

BALE EJECTION

The bales weigh up to 250 kg and are easily removed thanks to a semi-automatic bale ejection function.



Adjustable bale size

- User-friendly panel
- Autostart
- Adjustable bale height in three sizes



ORWAK 3250 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

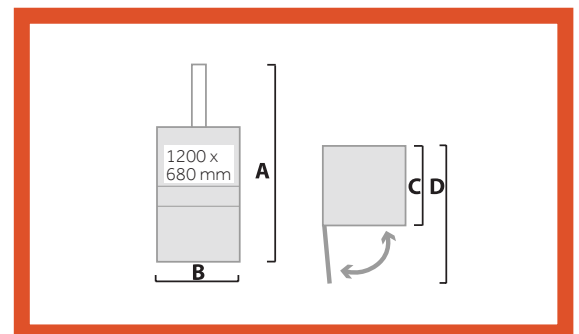
ORWAK CONNECT COMMUNICATION

ORWAK 3250 is ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS				
A	B	C	D	TRANSPORT-HEIGHT
2970 mm	1732 mm	1036 mm	2270 mm	2170 mm



TECHNICAL SPECIFICATIONS								
LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1200 mm Height: 680 mm	46 secs	HP: 15 ton, 150 kN LP: 10 ton, 100 kN	Width: 1200 mm Depth: 800 mm Height: 1000 mm	Cardboard: Up to 250 kg Plastic: Up to 290 kg	1050 kg	<70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK 3220

3220 is a versatile baler that meets the market demand for an extra low-built machine. It is perfect for cardboard and plastic and the low height simplifies transportation and installation, provides broad placement options and is ideal, where the ceiling height is a challenge!



**LOW
HEIGHT**



**250 KG
BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK 3220?

- Extra compact machine design facilitates transportation and installation
- Powerful compaction of large volumes of waste
- Intelligent features, user-friendly panel and ready for the optional Connect communication service

ORWAK 3220

Extra low installation height

COMPACT MACHINE DESIGN

This model comes with a cross cylinder and offers an extra compact machine design with a transport and installation height of only 2000 mm. The low height simplifies transportation to the installation site and provides broad location opportunities.

EVERY SECOND COUNTS

The baler is fast and with a cycle time of just 16 sec, it is ready for a new load of cardboard boxes or plastic foil in no time and auto start is a standard feature! 3220 can be operated manually but is preferably run in auto mode for maximum productivity and convenience.



Simply push two buttons for bale ejection!

- User-friendly panel
- Silent operation



Pipes for easy bale strapping

ORWAK 3220 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

READY TO COMMUNICATE

The PCB features data storage capacity, technical machine monitoring, communication opportunities and fulfills performance level D for personal safety.

3220 is ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

SPECIAL PLASTIC MODE

Equipped with a special software for successful compaction of plastic foil. It gets activated when the baler is run in the manual LP mode and will keep the waste under pressure for 5 minutes to squeeze out more air from the bulky plastic.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

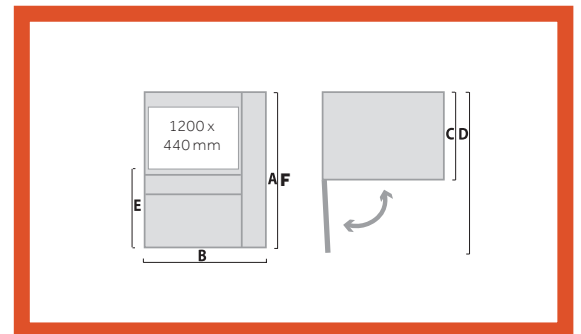
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F*
2000 mm	1651 mm	955 mm	2210 mm	1068 mm	2000 mm**

*Transport height

**Transport feet add 100 mm but can be removed after unloading



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1200 mm Height: 440 mm	16 secs	18 ton, 180 kN	Width: 1200 mm Depth: 710 mm Height: 850 mm	Cardboard: Up to 250 kg Plastic: Up to 290 kg	1131 kg	≤ 65 db (A)	IP 55	3-phase 3x400 V, 50 Hz

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK POWER 3325

ORWAK POWER is a dynamic baler family based on an innovative hydraulic concept. It is stronger, faster and smarter to give you more value for the money! 3325 is a great choice for both cardboard and plastic and has especially good properties for compaction of plastic foil. This model comes with a regular pendulum door.

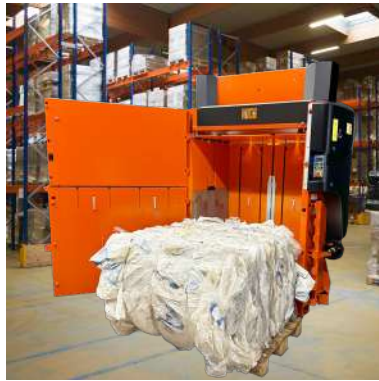


SECONDS



BALE WEIGHT
CARDBOARD

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK POWER?

- Powerful compaction of large volumes of waste
- Low-built design for easy transportation and rich placement opportunities
- Intelligent features help you stay in control

ORWAK POWER 3325

Great properties for cardboard and particularly soft plastic

STRONGER

The innovative hydraulic concept, introduced by us as "Black Star Technology", is based on the reverse technique of pulling instead of pushing the press-plate downwards when compacting material. Advantages:

- the cylinders are at its strongest point when pressure peaks
- a long piston stroke

These factors contribute to powerful compaction into dense bales!

Solid design: ORWAK POWER, with its light spherical design, the ISO 3834-certified welding of the chamber and the durable cylinder design, is created for a long heavy-duty service life.

FASTER

A rapid baler that keeps up with your pace:

- More throughput at less energy consumption than in traditional baling systems!
- Very short cycle time of only 24 seconds!
- Equipped with autostart!

Material selector for cardboard and plastic Full bale indicator Service indicator



Adjustable bale size

- Low-built for easy transportation and installation
- User-friendly panel
- Modern design
- Silent operation
- Bales can be secured by polyester straps or wire

ORWAK POWER 3325 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

SMARTER

Baler with brains: The new PCB features data storage capacity, technical machine monitoring, communication opportunities and - as forerunner in the baler business - fulfills performance level D for personal safety.

Orwak Connect communication: The POWER balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

SPECIAL PLASTIC MODE

Equipped with a special software for successful compaction of plastic foil. It gets activated when the baler is run in the manual LP mode and will keep the waste under pressure for 5 minutes to squeeze out more air from the bulky plastic.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

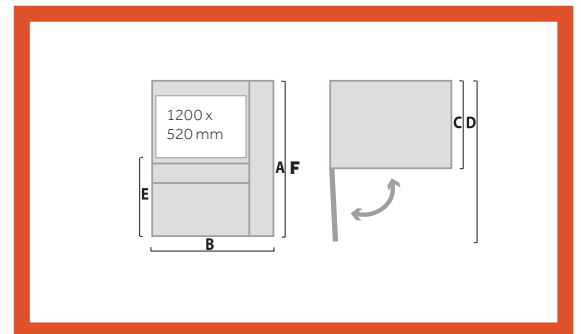
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F*
2380 mm	1775 mm	1060 mm	2325 mm	1153 mm	1980**

*Transport height

**Transport feet add 100 mm but can be removed after unloading



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1200 mm Height: 520 mm	24 secs	26 ton, 260 kN	Width: 1200 mm Depth: 800 mm Height: 1150 mm	Cardboard: Up to 400 kg Plastic: Up to 450 kg	1080 kg	≤ 65 db (A)	IP 55	3 phase 3x400 V 50 Hz.

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK POWER 3420

ORWAK POWER is a dynamic baler family based on an innovative hydraulic concept. It is stronger, faster and smarter to give you more value for the money! 3420 is a versatile baler for large volumes of packaging material. It is very fast with a cycle time of only 24 seconds!



SECONDS



400 KG

BALE WEIGHT
CARDBOARD



Complies to
EN 16500
Safety standard

ORWAK

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK POWER?

- Powerful compaction of large volumes of waste
- Low-built design for easy transportation and rich placement opportunities
- Intelligent features help you stay in control

ORWAK POWER 3420

Optimal choice for cardboard and plastic

STRONGER

The innovative hydraulic concept, introduced by us as "Black Star Technology", is based on the reverse technique of pulling instead of pushing the press-plate downwards when compacting material. Advantages:

- the cylinders are at its strongest point when pressure peaks
- a long piston stroke

These factors contribute to powerful compaction into dense bales!

Solid design: ORWAK POWER, with its light spherical design, the ISO 3834-certified welding of the chamber and the durable cylinder design, is created for a long heavy-duty service life.

FASTER

A rapid baler that keeps up with your pace:

- More throughput at less energy consumption than in traditional baling systems!
- Very short cycle time of only 24 seconds!
- Autostart and a gas spring driven sliding door that reopens automatically after each press cycle

Material selector for cardboard and plastic Full bale indicator Service indicator



Adjustable bale size

- Low-built for easy transportation and installation
- User-friendly panel
- Modern design
- Silent operation
- Bales can be secured by polyester straps or wire

ORWAK POWER 3420 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

SMARTER

Baler with brains: The new PCB features data storage capacity, technical machine monitoring, communication opportunities and - as forerunner in the baler business - fulfills performance level D for personal safety.

Orwak Connect communication: The POWER balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

SPECIAL PLASTIC MODE

Equipped with a special software for successful compaction of plastic foil. It gets activated when the baler is run in the manual LP mode and will keep the waste under pressure for 5 minutes to squeeze out more air from the bulky plastic.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

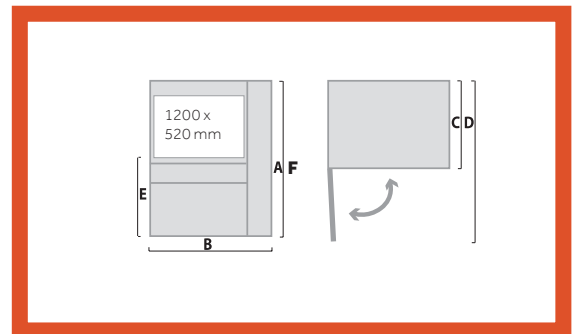
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F*
2380 mm	1775 mm	1060 mm	2325 mm	1153 mm	1980**

*Transport height

**Transport feet add 100 mm but can be removed after unloading



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1200 mm Height: 520 mm	24 secs	26 ton, 260 kN	Width: 1200 mm Depth: 800 mm Height: 1150 mm	Cardboard: Up to 400 kg Plastic: Up to 450 kg	1080 kg	≤ 65 db (A)	IP 55	3 phase 3x400 V 50 Hz.

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK POWER 3820

ORWAK POWER is a dynamic baler family based on an innovative hydraulic concept. It is stronger, faster and smarter to give you more value for the money! 3820 has an extra generous infeed opening for large boxes up to 1500 mm wide.



Complies to
EN 16500
Safety standard

ORWAK



**EXTRA WIDE
INFEEED**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK POWER?

- Powerful compaction of large volumes of waste
- Low-built design for easy transportation and rich placement opportunities
- Intelligent features help you stay in control

ORWAK POWER 3820

Generous infeed for extra large packaging

STRONGER

The innovative hydraulic concept, introduced by us as "Black Star Technology", is based on the reverse technique of pulling instead of pushing the press-plate downwards when compacting material. Advantages:

- the cylinders are at its strongest point when pressure peaks
- a long piston stroke

These factors contribute to powerful compaction into dense bales!

Solid design: ORWAK POWER, with its light spherical design, the ISO 3834-certified welding of the chamber and the durable cylinder design, is created for a long heavy-duty service life.

FASTER

A rapid baler that keeps up with your pace:

- More throughput at less energy consumption than in traditional baling systems!
- Very short cycle time of only 24 seconds!
- Autostart and a gas spring driven sliding door that reopens automatically after each press cycle

Material selector for cardboard and plastic Full bale indicator Service indicator



Adjustable bale size

- Low-built for easy transportation and installation
- User-friendly panel
- Modern design
- Silent operation
- Bales can be secured by polyester straps or wire

ORWAK POWER 3820 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film (LP)
- Plastic bags (LP)

SMARTER

Baler with brains: The new PCB features data storage capacity, technical machine monitoring, communication opportunities and - as forerunner in the baler business - fulfills performance level D for personal safety.

Orwak Connect communication: The POWER balers are ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

SPECIAL PLASTIC MODE

Equipped with a special software for successful compaction of plastic foil. It gets activated when the baler is run in the manual LP mode and will keep the waste under pressure for 5 minutes to squeeze out more air from the bulky plastic.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

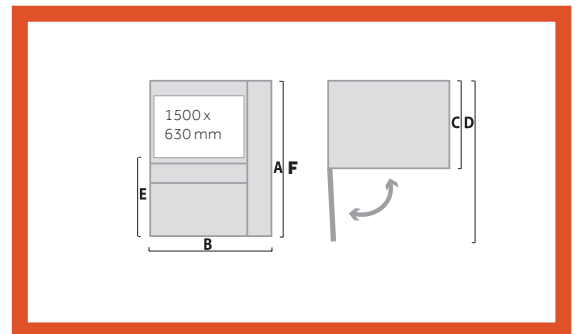
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F
2576 mm	2075 mm	1060 mm	2625 mm	1144 mm	1980**

*Transport height

**Transport feet add 100 mm but can be removed after unloading



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1500 mm Height: 630 mm	24 secs	26 ton, 260 kN	Width: 1500 mm Depth: 800 mm Height: 1140 mm	Cardboard: Up to 500 kg	1220 kg	≤ 65 db (A)	IP 55	3 phase 3x400 V 50 Hz.

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

OPTION DRUM INSERT

Conveniently convert your ORWAK POWER 3420 baler to a drum crusher by adding a drum insert. This option makes the unit more versatile allowing it to both bale regular packaging waste and compact drums. It is easy to mount and remove the insert and it is equipped with a drip pan and a drain pipe to keep the machine clean from liquid residue.



DIMENSIONS

Maximum drum dimensions:

Ø: 905 mm

Height: 1030 mm

Steel thickness: up to 1 mm



OPTION ORWAK CONNECT

NEW SERVICE
MORE FEATURES

BENEFIT EVEN MORE FROM YOUR NEW BALER - LET IT COMMUNICATE!

We are happy to present Orwak Connect, a smart option that adds value to your baler! It is a modem-based communication service enabling the baler to send a message when it needs attention. Furthermore, the service gives you unique supervising opportunities! Log into the Orwak Connect web portal to monitor your fleet of balers and gather interesting baling statistics. A premium option is a built-in scale for measuring the bale weight and it gives you full control over bales produced. Orwak recently launched a new edition of the service offering additional features and a modern user-friendly interface at the portal!



ORWAK CONNECT BENEFITS

Stay in control: The web portal provides an overview of the status of your balers as well as statistics on for example the baling frequency and the number of bales produced.

Uninterrupted use: The caretaker gets notified as soon as the baler is full or needs maintenance and can make sure that the machine is in operation again quickly to avoid unnecessary downtime.

Productive use of time & optimal logistics: No need to check on the balers on routine; especially good feature if you have several balers spread out in vast premises or in several remote locations! Based on the information in the portal, you can also plan the bale collection routes efficiently.

ORWAK CONNECT

- Sends notifications: full bale, service, technical error and other information
- Access to the web portal
- Bale counter & baling statistics

ORWAK CONNECT PLUS

- All the above
- Built-in scale for bale weight statistics

CONNECT FEATURES

THE BALER SENDS NOTIFICATIONS

When it needs attention, the unit sends emails or push notices to the registered recipients.

ACCESS 24/7 TO ORWAK CONNECT WEB PORTAL

When ordering Orwak Connect, you will be invited to the web portal, where you can monitor the status of your balers, add notification recipients and gather useful statistics on baling performance.

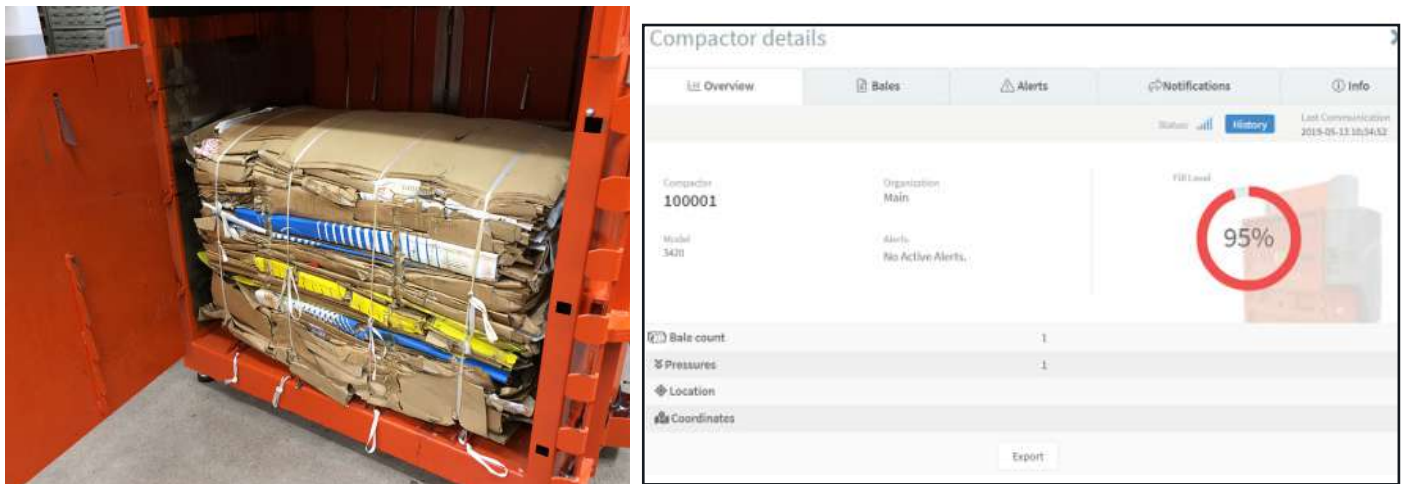
CONNECT COMMUNICATION SERVICE

When you order Orwak Connect, you get a modem, a license and can start enjoy the communication service. A SIM card is already implemented in the modem, so you do not need to worry about local operator agreements or additional unanticipated costs. The service will be prolonged, if not actively terminated, on a yearly basis, so that you can continue to benefit from Orwak Connect.



BALE STATISTICS AT THE ORWAK CONNECT PORTAL

The baler sends current data directly to the web portal, where statistics can be viewed or exported to Excel for further analyses and displays in charts.

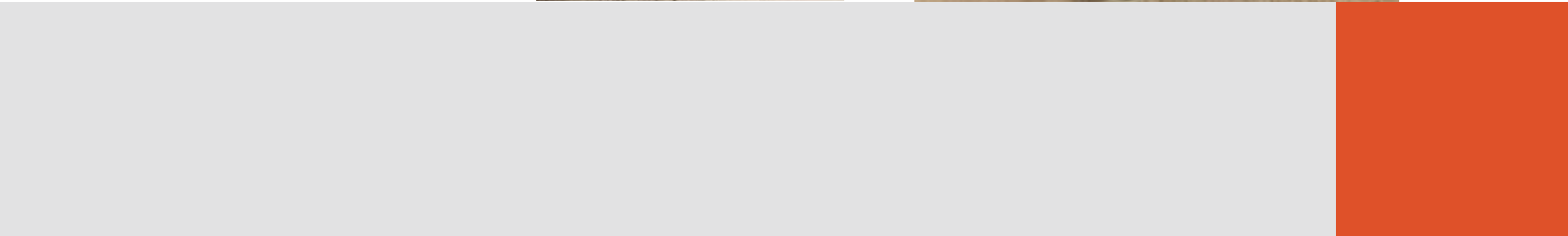


ORWAK CONNECT IS AVAILABLE FOR:
COMPACT & POWER - all models in these product families
ORWAK 3220, 3250 & 3500
MULTI 5070-HDC & 9020S - the versatile multi-chamber balers
TOM - the automatic waste bin
FLEX 4240 & 4360 - in bin waste compactors

ORWAK CONNECT PLUS

The built-in-scale is based on 4 load cells connected to a display, which shows the current bale weight (the load in the chamber). The data is transferred to the portal, where you can view the weight of every single bale produced by the baler in a specific period of time.

Bale	Timestamp	Fill level	Total press cycles	Weight
3	2019-05-06 13:10:33	100%	66	481
4	2019-05-06 13:40:43	<50%	49	208
5	2019-05-06 14:09:52	98%	75	472
6	2019-05-10 12:50:30	98%	71	465
7	2019-05-21 10:23:26	100%	89	483
8	2019-05-28 13:50:11	99%	101	474
9	2019-06-05 10:56:04	100%	96	478
10	2019-06-10 12:20:23	100%	108	479
11	2019-06-18 10:43:45	98%	117	469



ORWAK 3500

Our biggest vertical baler, a robust and strong heavy-duty machine perfect for any business with large amounts of packaging! ORWAK 3500 offers a safe, effective and profitable compaction solution. With 50 ton press force, it generates high-density bales of up to 500 kg.



Complies to
EN 16500
Safety standard

ORWAK



**LARGE
VOLUME**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK 3500?

- Heavy-duty machine for strong and powerful compaction of large volumes of waste
- Produces high-density mill size bales
- Intelligent features, user-friendly panel and ready for the optional Connect communication service

ORWAK 3500

Our largest, most powerful baler generates big bales

HEAVY-DUTY APPLICATION

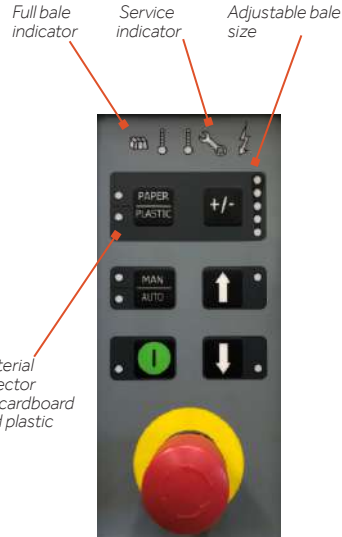
The ORWAK 3500 is a heavy-duty baler that effectively compacts really large amounts of packaging material.

SAFE DOOR-OPENING

"The latch and wheel" locking system on the lower door allows the operator to gradually open the door in a controlled way even when compacting expanding materials.



Dense mill size bale



- User-friendly panel
- Bales can be secured by polyester straps or wire

ORWAK 3500 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film (LP)
- Plastic bags (LP)

READY TO COMMUNICATE

The PCB features data storage capacity, technical machine monitoring, communication opportunities and fulfills performance level D for personal safety.

The 3500 is ready to communicate when choosing the option Orwak Connect. It is a modem-based communication service enabling the baler to send updates and alerts to the caretaker as well as vital information and bale statistics to the web portal.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

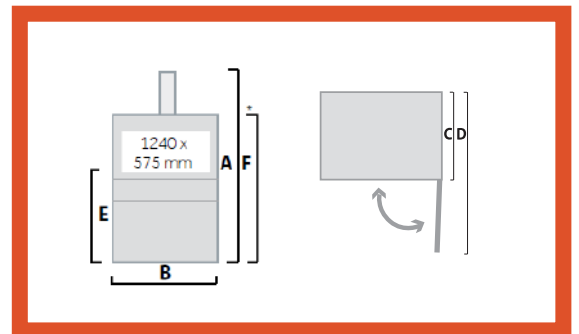
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F*
3225 mm	1765 mm	1160 mm	2410 mm	1315 mm	2340**

*Transport height

**Transport feet add 100 mm to the height



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1240 mm Height: 575 mm	45 secs	50 ton, 500 kN	Width: 1100 mm Depth: 850 mm Height: 1240 mm	Cardboard: Up to 500 kg	2100 kg	74 db (A)	IP 55	3-phase 3x400 V, 50 Hz

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK MULTI 5070

The multi-chamber baler provides sorting and compaction of different types of materials in one machine! Top loading is simple and convenient and you can order additional chambers when needed.



**MULTI-
CHAMBER**

50 KG

**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK MULTI?

- Sorting and compaction of several waste types at source
- Top-loading of the material in open chambers
- Total freedom to increase capacity by adding additional chambers

ORWAK MULTI 5070

As easy to maintain as to operate

The 5070 is a multi-chamber solution. It forms a mini recycling point for sorting of different types of material.

SMALL FOOTPRINT

The compact design and small footprint provide efficient compaction in a small space.

EFFICIENCY

Whilst the baler compacts the material in one chamber, the other is open and ready to be fed with more material



ORWAK MULTI 5070 IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

EXTENDABLE SYSTEM

Add an additional chamber to extend your sorting and compaction station!

BALE TROLLEY INCLUDED

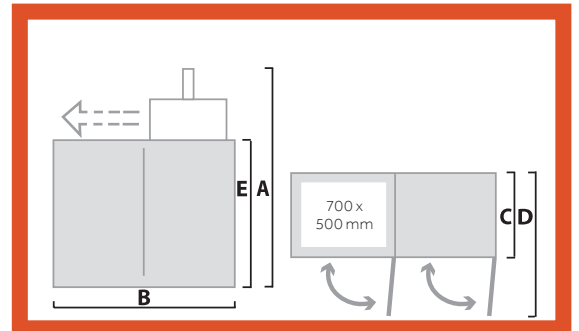
The 5070 is always delivered with a bale trolley for easy baling and internal transportation of the bale.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
2160 mm	1740 mm	735 (880*) mm	1430 mm	1205 mm

*Including strap holders



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 700 mm Height: 500 mm	36 secs	3 ton, 30 kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 50 kg Plastic: Up to 80 kg	Total weight: 522 kg Chamber only: 365 kg Press unit only: 157 kg	< 70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK MULTI 5070-COMBI

The ORWAK MULTI 5070-COMBI is a baler and an in-bin compactor in the same machine. It is a versatile all-round solution that takes care of both the bagged mixed waste and your recyclable packaging material.



VERSATILE



BALE WEIGHT
CARDBOARD

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK MULTI?

- Sorting and compaction of several waste types at source
- Top-loading of the material in open chambers
- Total freedom to increase capacity by adding additional chambers

ORWAK MULTI 5070-COMBI

Allround solution

DUAL FUNCTION UNIT

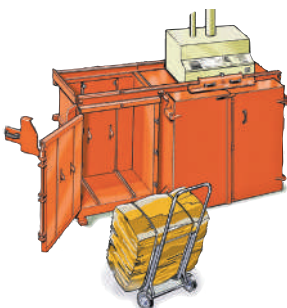
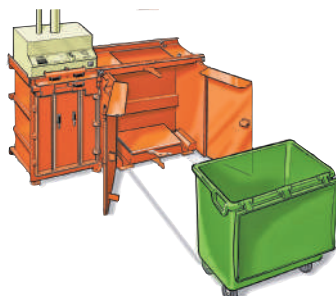
When you opt for the 5070-COMBI, you get a baler for recyclables and an in-bin compactor in the same machine!

USER-FRIENDLY

The top-loading multi-chamber unit is simple to operate and convenient to feed with new material.

VERSATILE

It takes care of both dry and semi-wet waste as well as baling cardboard boxes, paper and plastics.



ORWAK MULTI 5070-COMBI IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

SEMI-DRY WASTE

- Bagged general waste

EXTENDABLE SYSTEM

Add an additional chamber to extend your sorting and compaction station!

DESIGNED FOR STANDARD BINS

It is suitable for most standard 660-liter wheeled bins.

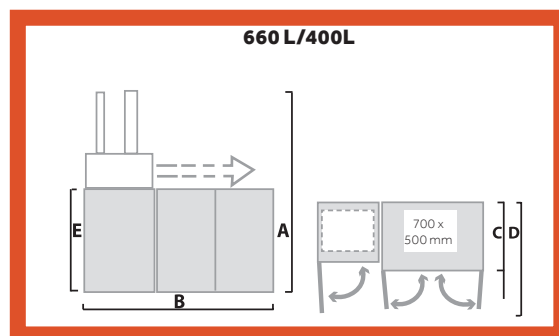
BALE TROLLEY INCLUDED

The 5070-COMBI is always delivered with a trolley for easy baling and internal transportation of the bale.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS				
A	B	C	D	E
660L/400L	660L/400L	660L/400L	660L/400L	660L/400L
2265/2315 mm	2550/1960 mm	920/808 mm 1011/899 mm*	1675/1733 mm	1325/1333 mm

*Including strap holders



TECHNICAL SPECIFICATIONS								
LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT 660L/400L	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 700 mm Height: 500 mm	36 secs	3 ton, 30 kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 50 kg Plastic: Up to 80 kg	Total weight: 803/618 kg Bale chamber only: 196/196 kg Bin chamber only: 450/265 kg Press unit only: 157/157 kg	< 70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK MULTI 5070-HDC

This multi-chamber baler provides sorting and compaction of different types of materials in one machine! The ORWAK MULTI 5070-HDC, the heavy-duty version of the standard 5070, is robust and versatile and offers cross-binding of the bales.



**MULTI-
CHAMBER**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK MULTI?

- Sorting and compaction of several waste types at source
- Top-loading of the material in open chambers
- Total freedom to increase capacity by adding additional chambers

ORWAK MULTI 5070-HDC

Ideal cross-binding baling solution

HEAVY DUTY BALER

The 5070-HDC is a more powerful version of the standard model 5070 and provides volume reduction of up to 10:1. The HDC-version takes on the really tough jobs and compacts PET bottles, jugs and even light wood packaging.

MULTI-CHAMBER SOLUTION

This is a multiple-chamber solution. It forms a mini recycling point for the sorting of different types of material.

EXTENDABLE SYSTEM

Add an additional chamber to extend your sorting and compaction station.

EFFICIENCY

Whilst the baler compacts the material in one chamber, the other is open and ready to be fed with more material!



Multiple strap choice to meet both the demands of the material and tough handling requirements.



We are unique in offering cross-strapping on a multichamber baler. The bales are secured under pressure with 2-6 straps depending on the material and handling requirements for the finished bales.

ORWAK MULTI 5070-HDC IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

METAL CANS

- Food cans
- Paint cans

PLASTIC CONTAINERS

- PET bottles
- Jugs/bottles

OTHER METALS

- Steel straps

OTHER PLASTICS

- Plastic straps

EFFECTIVE COMPACTION

Long piston stroke produces highly compacted bales!

BALE TROLLEY INCLUDED

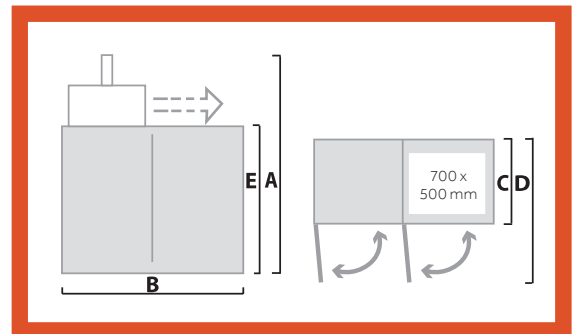
The baler is always delivered with a trolley for easy baling and internal transportation of the bale.

Complies with the EN 16500:2014 safety requirement standard for vertical balers

DIMENSIONS & SPECIFICATIONS

DIMENSIONS				
A	B	C	D	E
2200 mm	1740 mm	716 (830*) mm	1429 mm	1205 mm

*Including strap holders



TECHNICAL SPECIFICATIONS								
LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 700 mm Height: 500 mm	20 secs	10 ton, 100kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 80 kg Plastic: Up to 100 kg	Total weight: 850 kg Chamber only: 525 kg Press unit only: 325 kg	< 72 db (A)	IP 55	3-phase 3x400 V, 50 Hz

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK MULTI 9020S

Create your own mini recycling station with the ORWAK MULTI 9020S! This multiple-chamber solution provides sorting and compaction of different types of materials in one unit! The chambers allow for a lot of material and the system can easily be extended by adding additional chambers.



**MULTI-
CHAMBER**



**200 KG
BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK MULTI?

- Sorting and compaction of several waste types at source
- Top-loading of the material in open chambers
- Total freedom to increase capacity by adding additional chambers

ORWAK MULTI 9020S

Multiple-chamber solution

MINI RECYCLING STATION

This is a top-loading, multi-chamber solution that forms a mini recycling point. By using one chamber for each type of material, it is easy to sort and compact materials at source.

HIGH-CAPACITY SYSTEM

The 9020S is a powerful machine with large chambers and generous loading apertures. It provides effective volume reduction of large amounts of recyclables.

EXTENDABLE SYSTEM

It is easy to add additional chambers to extend your sorting and compaction system, and increase its capacity further. When your business expands and your needs change, let your waste handling system grow at the same pace!

EFFICIENCY

Whilst the baler compacts the material in one chamber, the other is open and ready to be fed with more material!



- Convenient top-loaded setup
- Bale indicator
- The press force can be regulated individually for each chamber depending on material
- Safety brake

ORWAK MULTI 9020S IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard
- Shredded paper

PLASTIC FOIL

- Shrink film
- Plastic bags

METAL CANS

- Food cans
- Paint cans

OTHER METALS

- Steel straps

PLASTIC CONTAINERS

- PET bottles

SAFETY BRAKE AS STANDARD

The operator needs to push the buttons on the handles and have a two-hand grip to slide the top unit sideways. Releasing a button, brakes the press head and makes it harder to move. This feature improves safety at work.



Complies with the EN 16500:2014 safety requirement standard for vertical balers

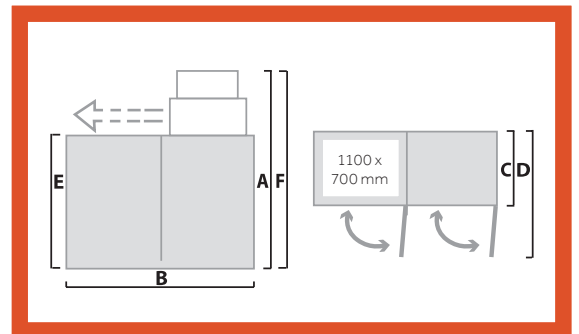
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E	F*
2470 mm	2480 mm	968 (1135 ¹) mm	2175 mm	1380 mm	1900 mm
¹ Including strap holders				*Transport height	

ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
2.7 W/H	800 W/H



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1100 mm Height: 700 mm	35 secs	20 ton, 200kN	Width: 1100 mm Depth: 700 mm Height: 800 mm	Cardboard: Up to 200 kg Plastic: Up to 300 kg	Total weight: 1580 kg Chamber only: 1100 kg Press unit only: 480 kg	< 72 db (A)	IP 55	3-phase 3x400 V, 50 Hz

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

OPTION ORWAK CONNECT

NEW SERVICE
MORE FEATURES

BENEFIT EVEN MORE FROM YOUR NEW BALER - LET IT COMMUNICATE!

We are happy to present Orwak Connect, a smart option that adds value to your baler! It is a modem-based communication service enabling the baler to send a message when it needs attention. Furthermore, the service gives you unique supervising opportunities! Log into the Orwak Connect web portal to monitor your fleet of balers and gather interesting baling statistics. A premium option is a built-in scale for measuring the bale weight and it gives you full control over bales produced. Orwak recently launched a new edition of the service offering additional features and a modern user-friendly interface at the portal!



ORWAK CONNECT BENEFITS

Stay in control: The web portal provides an overview of the status of your balers as well as statistics on for example the baling frequency and the number of bales produced.

Uninterrupted use: The caretaker gets notified as soon as the baler is full or needs maintenance and can make sure that the machine is in operation again quickly to avoid unnecessary downtime.

Productive use of time & optimal logistics: No need to check on the balers on routine; especially good feature if you have several balers spread out in vast premises or in several remote locations! Based on the information in the portal, you can also plan the bale collection routes efficiently.

ORWAK CONNECT

- Sends notifications: full bale, service, technical error and other information
- Access to the web portal
- Bale counter & baling statistics

ORWAK CONNECT PLUS

- All the above
- Built-in scale for bale weight statistics

CONNECT FEATURES

THE BALER SENDS NOTIFICATIONS

When it needs attention, the unit sends emails or push notices to the registered recipients.

ACCESS 24/7 TO ORWAK CONNECT WEB PORTAL

When ordering Orwak Connect, you will be invited to the web portal, where you can monitor the status of your balers, add notification recipients and gather useful statistics on baling performance.

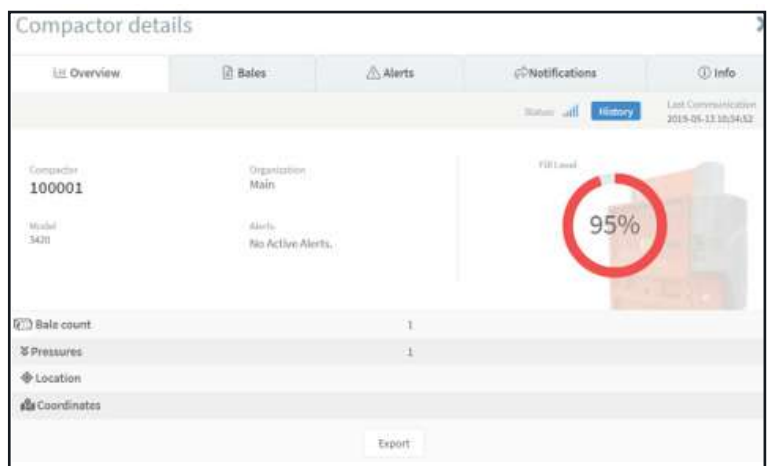
CONNECT COMMUNICATION SERVICE

When you order Orwak Connect, you get a modem, a license and can start enjoy the communication service. A SIM card is already implemented in the modem, so you do not need to worry about local operator agreements or additional unanticipated costs. The service will be prolonged, if not actively terminated, on a yearly basis, so that you can continue to benefit from Orwak Connect.



BALE STATISTICS AT THE ORWAK CONNECT PORTAL

The baler sends current data directly to the web portal, where statistics can be viewed or exported to Excel for further analyses and displays in charts.



ORWAK CONNECT IS AVAILABLE FOR:

COMPACT & POWER - all models in these product families

ORWAK 3220 - the extra low-built baler

MULTI 5070-HDC & 9020S - the versatile multi-chamber balers

TOM - the automatic waste bin

FLEX 4240 & 4360 - in bin waste compactors

ORWAK CONNECT PLUS

The built-in-scale is based on 4 load cells connected to a display, which shows the current bale weight (the load in the chamber). The data is transferred to the portal, where you can view the weight of every single bale produced by the baler in a specific period of time.

Bale	Timestamp	Fill level	Total press cycles	Weight
3	2019-05-06 13:10:33	100%	66	481
4	2019-05-06 13:40:43	<50%	49	208
5	2019-05-06 14:09:52	98%	75	472
6	2019-05-10 12:50:30	98%	71	465
7	2019-05-21 10:23:26	100%	89	483
8	2019-05-28 13:50:11	99%	101	474
9	2019-06-05 10:56:04	100%	96	478
10	2019-06-10 12:20:23	100%	108	479
11	2019-06-18 10:43:45	98%	117	469



ORWAK FLEX 4240

Compact general waste in 240 L bins in our waste compactor FLEX 4240! It is a robust and reliable machine with a compact and lightweight design. Thanks to the small footprint, it takes up little floor space. The 4240 is easy, safe and convenient to use! The multiple-chamber unit offers a top-loading setup, while the single-chamber version is based on the principle "Roll in! Compact! Roll out!".



SAFETY

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 4240

Smart in-bin compaction solution

ORWAK FLEX 4240 is an in-bin waste compactor for standard two-wheeled 240 L bins.

IDEAL FOR GENERAL WASTE

The 4240 is perfect for the hotel and restaurant sector, where general waste needs to be disposed of in waste bins. The in-bin compactor provides impressive volume reduction, contributing to valuable space-saving and a more profitable waste management.

SAFE AND USER-FRIENDLY

Model 4240 is user-friendly! The multi-chamber version is a convenient top-loading installation, while the single-chamber version has an easy wheel-in, wheel-out operation.

Safety and quality are our hallmarks and the compactor provides maximum personal safety both for the operator and those in the immediate vicinity. A bin indicator assures that the machine can only start, when the bin is in the right position.



Designed to fit the standard 240 Liter bins in the market.

- User-friendly
- Safety switches on the hatch and the front door/apron

ORWAK FLEX 4240 IS OPTIMIZED FOR:

- SEMI-DRY WASTE** *Best suited for dry or semi-dry waste destined for landfill or incineration*
- **General waste**

SMART DESIGN

The 4240 is a robust and stable machine that, thanks to its compact design, occupies little floor space. A good finish and easy access make cleaning quick and simple.

EASILY EXTENDABLE

The compactor is easily extended with additional chambers. The front door on the single-chamber unit is then replaced by an apron for effortless movement of the press head from one chamber to the next.



The single-chamber unit with swing door



The multiple-chamber unit equipped with an apron with two handles

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	TRANSPORT HEIGHT
Single: 2275 mm	Single: 750 mm	Single: 920 mm	Single: 1515 mm	Single: 2100 mm
Double: 2275 mm	Double: 1475 mm	Double: 990 mm		Double: 2100 mm

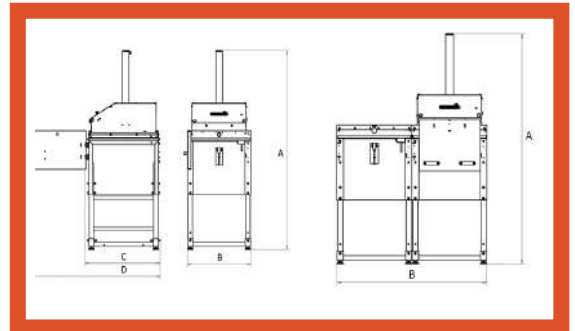
MACHINE WEIGHT

TOTAL WEIGHT	PRESS UNIT	SINGLE STAND
Single: 220 kg	Single: 120 kg	Single: 100 kg
Double: 320 kg		

TECHNICAL SPECIFICATIONS

BIN SIZE	CYCLE TIME	PRESS FORCE	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
240 L	29 secs	1.5 ton, 15 kN	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



ORWAK FLEX 4360

Compact general waste in 360 L bins in our waste compactor FLEX 4360! It is a robust and reliable machine with a compact and lightweight design. Thanks to the small footprint, it takes up little floor space. The 4360 is easy, safe and convenient to use! The multiple-chamber unit offers a top-loading setup, while the single-chamber version is based on the principle "Roll in! Compact! Roll out!"



SAFETY

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 4360

Smart in-bin compaction solution

ORWAK FLEX 4360 is an in-bin waste compactor for standard two-wheeled 360 L bins.

IDEAL FOR GENERAL WASTE

The 4360 is perfect for the hotel and restaurant sector, where general waste needs to be disposed of in waste bins. The in-bin compactor provides impressive volume reduction, contributing to valuable space-saving and a more profitable waste management.

SAFE AND USER-FRIENDLY

Model 4360 is user-friendly! The multi-chamber version is a convenient top-loading installation, while the single-chamber version has an easy wheel-in, wheel-out operation.

Safety and quality are our hallmarks and the compactor provides maximum personal safety both for the operator and those in the immediate vicinity. A bin indicator assures that the machine can only start, when the bin is in the right position.



Designed to fit the standard 360 Liter bins in the market.

- User-friendly
- Safety switches on the hatch and the front door/apron

ORWAK FLEX 4360 IS OPTIMIZED FOR:

- SEMI-DRY WASTE** *Best suited for dry or semi-dry waste destined for landfill or incineration*
- **General waste**

SMART DESIGN

The 4360 is a robust and stable machine that, thanks to its compact design, occupies little floor space. A good finish and easy access make cleaning quick and simple.

EASILY EXTENDABLE

The compactor is easily extended with additional chambers. The front door on the single-chamber unit is then replaced by an apron for effortless movement of the press head from one chamber to the next.



The single-chamber unit with swing door



The multiple-chamber unit equipped with an apron with two handles

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	TRANSPORT HEIGHT
Single: 2275 mm	Single: 950 mm	Single: 980 mm	Single: 1790 mm	Single: 2100 mm
Double: 2275 mm	Double: 1900 mm	Double: 1060 mm		Double: 2100 mm

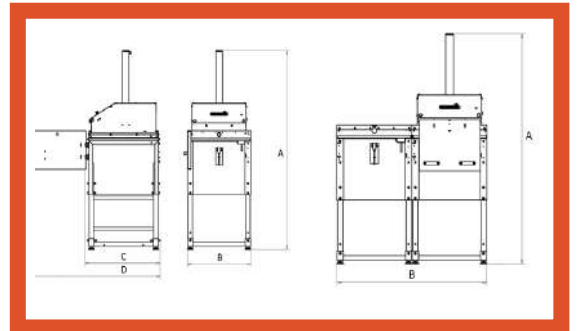
MACHINE WEIGHT

TOTAL WEIGHT	PRESS UNIT	SINGLE STAND
Single: 240 kg	Single: 120 kg	Single: 120 kg
Double: 360 kg		

TECHNICAL SPECIFICATIONS

BIN SIZE	CYCLE TIME	PRESS FORCE	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
360 L	29 secs	1.5 ton, 15 kN	62.3 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



ORWAK FLEX 660

Orwak's in-bin compactor for 660 L bins is based on an effortless "roll in, roll out" concept and is ideal for compaction of bagged general waste. FLEX 660 is easily adjustable to any bin brand and it is safe and simple to use. It offers smart and compact design and requires only one square meter floor space. Multigrade oil is a standard feature.



**SMALL
FOOTPRINT**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our compaction solutions rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 660

Smart in-bin compaction solution

This model is an in-bin waste compactor for 660 L bins and it is designed to fit any bin brand.

IDEAL FOR BAGGED WASTE

FLEX 660 is perfect for the hotel and restaurant sector, where general bagged waste is disposed of in waste bins. This in-bin compactor provides effective compaction contributing to valuable space-saving and more profitable waste management.

SMART DESIGN

FLEX 660, based on a wheel-in, wheel-out operation, is simple to use and a lifting plate protects the wheels on the bin from damage during compaction. A good finish and easy access facilitate daily cleaning.



- Compaction ratio 3:1
- Galvanized lifting plate
- Low sound emission

ORWAK FLEX 660 IS OPTIMIZED FOR:

SEMI-DRY WASTE *Best suited for dry or semi-dry waste destined for landfill or incineration*

- **General waste**

SMALL FOOTPRINT

This robust machine offers compact design and requires only 1 m² floor space.

MEETS SAFETY REQUIREMENTS

Safety and quality are our hallmarks and FLEX 660 features two-hand operation and meets performance level C.

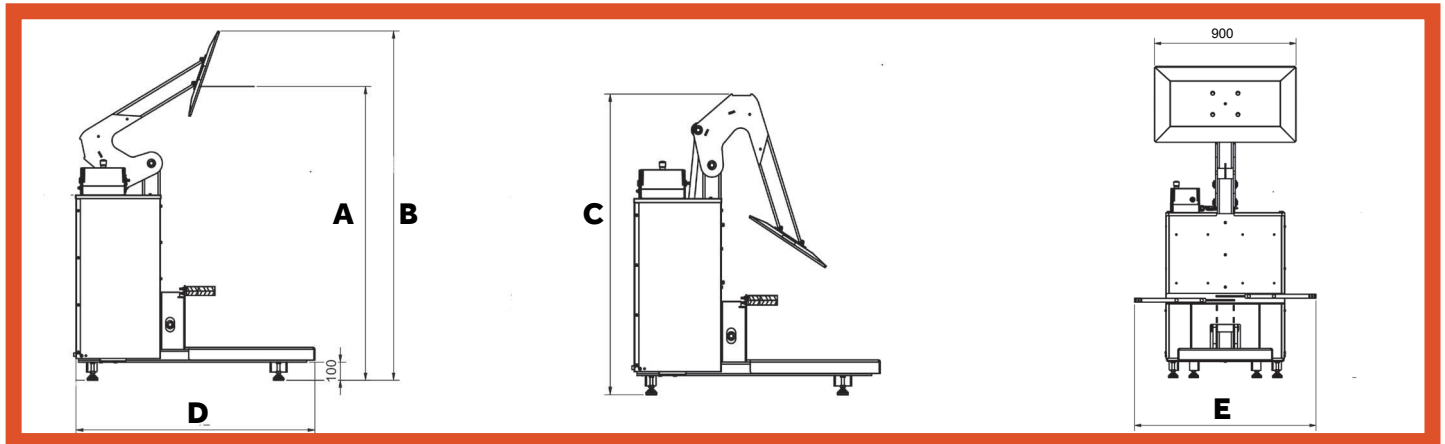
OPERATING PANEL ON THE LEFT OR THE RIGHT HAND SIDE

The user-friendly operating panel can easily be placed either on the left or the right hand side of the machine to smoothly adapt to the conditions on site.

MULTIGRADE OIL IS STANDARD

For more flexibility and the opportunity to place the machine in different types of environments, multigrade oil is a standard feature and enables the machine to maintain its high performance at low temperatures.

DIMENSIONS & SPECIFICATIONS



DIMENSIONS

A (MIN WORKING HEIGHT)	B (MAX WORKING HEIGHT)	C (HEIGHT PRESS PLATE DOWN)	D	E	TRANSPORT HEIGHT
1620 mm	1926 mm	1566 mm	1362 mm	740-1220 mm	1600 mm

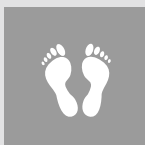
TECHNICAL SPECIFICATIONS

BIN SIZE	CYCLE TIME	PRESS FORCE	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
660-770 L	44 secs	4 ton, 40 kN	274 kg	62 db (A)	IP 55	Single Phase 230 V, 50 /60 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK FLEX 1100

Orwak's in-bin compactor for 1100 L bins is based on an effortless "roll in, roll out" concept and is ideal for compaction of bagged general waste. FLEX 1100 is easily adjustable to any bin brand and it is safe and simple to use. It offers smart and compact design and requires only one square meter floor space. Multigrade oil is a standard feature.



**SMALL
FOOTPRINT**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our compaction solutions rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 1100

Smart in-bin compaction solution

This model is an in-bin waste compactor for 1100 L bins and it is designed to fit any bin brand.

IDEAL FOR BAGGED WASTE

FLEX 1100 is perfect for the hotel and restaurant sector, where general bagged waste is disposed of in waste bins. This in-bin compactor provides effective compaction contributing to valuable space-saving and more profitable waste management.

SMART DESIGN

FLEX 1100, based on a wheel-in, wheel-out operation, is simple to use and a lifting plate protects the wheels on the bin from damage during compaction. A good finish and easy access facilitate daily cleaning.



- Compaction ratio 3:1
- Galvanized lifting plate
- Low sound emission

ORWAK FLEX 1100 IS OPTIMIZED FOR:

SEMI-DRY WASTE *Best suited for dry or semi-dry waste destined for landfill or incineration*

- General waste

SMALL FOOTPRINT

This robust machine offers compact design and requires only 1 m² floor space.

MEETS SAFETY REQUIREMENTS

Safety and quality are our hallmarks and FLEX 1100 features two-hand operation and meets performance level C.

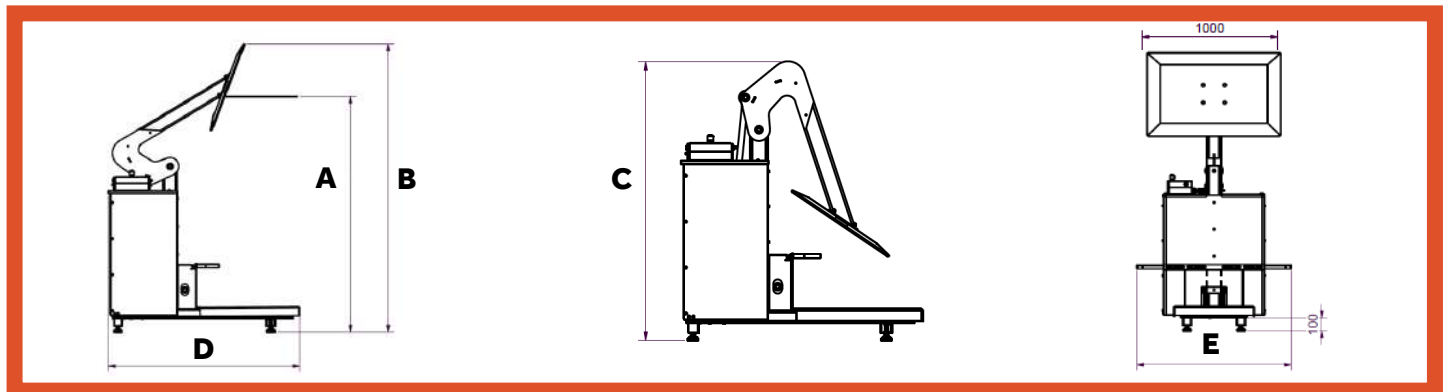
OPERATING PANEL ON THE LEFT OR THE RIGHT HAND SIDE

The user-friendly operating panel can easily be placed either on the left or the right hand side of the machine to smoothly adapt to the conditions on site.

MULTIGRADE OIL IS STANDARD

For more flexibility and the opportunity to place the machine in different types of environments, multigrade oil is a standard feature and enables the machine to maintain its high performance at low temperatures.

DIMENSIONS & SPECIFICATIONS



DIMENSIONS

A (MIN WORKING HEIGHT)	B (MAX WORKING HEIGHT)	C (HEIGHT PRESS PLATE DOWN)	D	E	TRANSPORT HEIGHT
1700 mm	2090 mm	1566 mm	1367 mm	880-1240 mm	1600 mm

TECHNICAL SPECIFICATIONS

BIN SIZE	CYCLE TIME	PRESS FORCE	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
1100 L	44 secs	4 ton, 40 kN	293 kg	62 db (A)	IP 55	Single Phase 230 V, 50 / 60 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

ORWAK FLEX 5010-E

The ORWAK FLEX 5010-E is a small but tough baler, that requires little space but offers effective compaction. The unit is sturdy, reliable and easy to operate.



**SMALL
FOOTPRINT**



**60 KG
BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 5010-E

Small but tough

TOP LOADING

Feeding material into this top-loading baler is fast and convenient, and the compaction ratio is impressive thanks to high pressure on a small surface.

VERSATILE

The design means that the compactor is versatile and can be used for baling waste products such as cardboard, paper, plastic and even thin wood packaging.

COMPACT DESIGN

Thanks to its compact design, the baler fits where you need it to be and is easy to install in any location.

BALE TROLLEY INCLUDED

Model 5010-E is always delivered with a bale trolley for effortless baling and smooth internal transportation of the bale.



ORWAK FLEX5010-E IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper
- Paper sacks

PLASTIC FOIL

- Shrink film
- Plastic bags

OTHER METALS

- Metal straps

OTHER PLASTICS

- Plastic straps

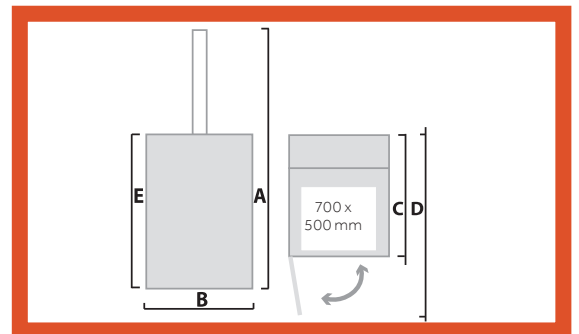
DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
2140 mm	910 mm	1110 mm	1820 mm	1295 mm

ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
---	660 W/H



TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 700 mm Depth: 500 mm	36 secs	3 ton, 30 kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 60 kg Plastic: Up to 80 kg	370 kg	70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

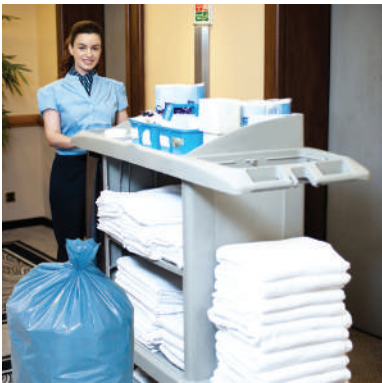
ORWAK FLEX 5030

We are proud to present the new classic ORWAK FLEX 5030! The in-bag compactor was the very core of our business during the pioneering years of the 1970s. This versatile, sturdy and easy-to-use unit is still going strong. Now with a new fresh design! The compaction ratio of up to 10:1 is impressive!



**HYGIENIC
COMPACTION**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 5030

A winning concept

THE NEW CLASSIC

In 1971 we invented the unique idea of constructing a compactor, where the bag is slipped over an open-ended steel drum for effective and hygienic compaction of mixed waste without risking damage to the bag in the process.

VERSATILE

The design means that the compactor is versatile, and the plastic bag can be used for most types of waste - despite the fact that the press force is three tons.

HIGH COMPACTION RATIO ON THE SPOT

The 5030 is a compact machine with a small footprint, but even though it requires little space, it still offers a high compaction ratio of up to 10:1!

USER-FRIENDLY

It is easy to feed material into the the open top-loading unit. The compactor is safe and simple to maneuver and the built-in hoisting function makes the bag switch fast and convenient



Emptying height 2660 mm is standard

Wheeled – for easy cleaning and relocation. Compact size and small footprint. The New Classic comes with a fresh design and a durable finish

ORWAK FLEX5030 IS OPTIMIZED FOR:

PAPER

- Paper sacks

PLASTIC FOIL

- Shrink film
- Plastic bags

METAL CANS

- Food cans
- Paint cans

SEMI-DRY WASTE

- Bagged general waste

HYGIENIC WASTE HANDLING

A compacted and well-sealed bag prevents leakage and odours. The machined is designed for easy daily cleaning and critical parts are made of stainless steel.

OPTIONAL ACCESSORIES OFFER YOU MORE



Optional steel container for safe handling of, for example, tins and glass after compaction.



A simple-to-use option – the Orwak bale/bag lifter. Eliminates manual heavy lifting.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS ORWAK FLEX 5030 B+C

A	B	C	D*	E
B 1940 mm	B 760 mm	B 1045 mm	B 2660 mm	B 1100 mm
C 1640 mm	C 760 mm	C 1045 mm	C 2360 mm	C 1100 mm

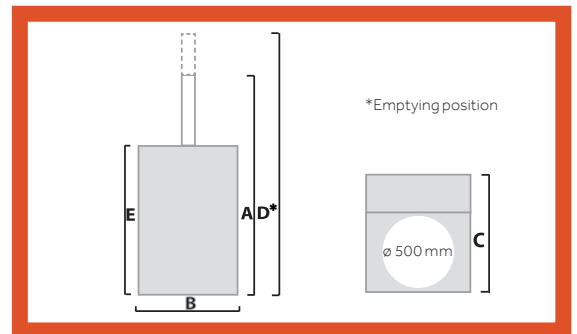
ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
---	660 W/H

TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	CHAMBER DIMENSIONS (INTERNAL)	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
ø 500 mm	36 secs	3 ton, 30 kN	Width: ø 500 mm Height: 800 mm	262 kg	62 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



ORWAK FLEX 5030-N HD

This special version of the ORWAK FLEX 5030 provides you with a safe way of compacting hazardous waste directly into drums.



SAFETY

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 5030-N HD

Safe waste handling

DEALS WITH HAZARDOUS WASTE

With ORWAK FLEX 5030-NHD, a robust and reliable compactor, the handling, transportation and disposal of chemical waste becomes safe and simple. It compacts hazardous waste, such as glass and cans/tins containing residual paint, oil or chemicals directly into drums.

HIGH COMPACTION RATIO ON THE SPOT

The 5030-N HD is a compact machine with a small footprint, but even though it requires little space, it still offers a high compaction ratio of up to 10:1!

STEEL PALLET

A steel pallet is included for stable placement of the drum inside the compactor. The operator effortlessly handles the heavy-duty steel pallets using a standard pallet lifter.



ORWAK FLEX5030-N HD IS OPTIMIZED FOR:

OTHER MATERIAL

- Hazardous waste

USER-FRIENDLY

It is easy to feed material into the open top-loading unit. The compactor is safe and simple to operate.



Standard drums can be used for storage and transport of the hazardous waste. Sorting is possible by using several drums.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D	E
2165 mm	850 mm	1290 mm	2030 mm	1320 mm

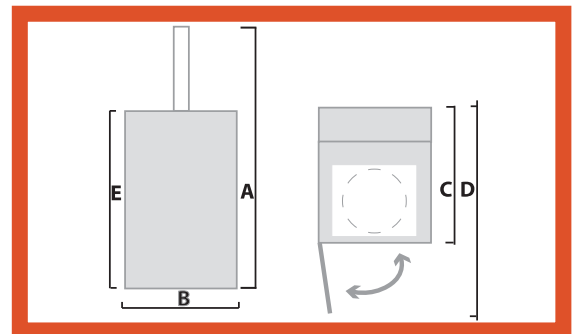
ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
---	660 W/H

TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	DRUM SIZE	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 535 mm	36 secs	3 ton, 30 kN	Width: ø 600 mm Height: 1005 mm	360 kg	70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



ORWAK FLEX 5031

The ORWAK FLEX 5031 offers simple and versatile compaction. Bag or bale the waste in the same unit! It is a classic concept now presented with a new fresh design!

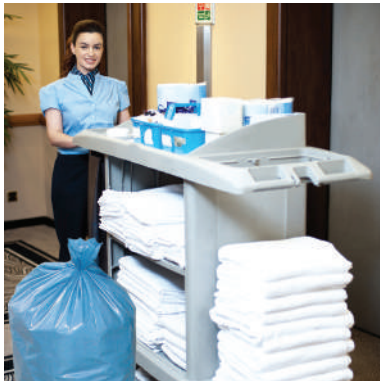


VERSATILE



BALE WEIGHT
CARDBOARD

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

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LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK FLEX?

- Versatile compaction for many different application areas
- Hygienic and safe compaction and disposal of mixed or hazardous waste
- Special solutions for special needs

ORWAK FLEX 5031

Versatile solution

VERSATILE - BAG OR BALE

The 5031 offers you full flexibility! Make a standard bale, compact waste in a bag and/or contain the bale in a plastic bag! The choice is yours! The same unit can do all those things for you!

HIGH COMPACTION RATIO ON THE SPOT

The 5031 is a compact machine with a small footprint, but even though it requires little space, it still offers a high compaction ratio of up to 10:1!

HYGIENIC WASTE COMPACTION

A compacted and well-sealed bag prevents leakage and odours. The unit is portable and designed for regular cleaning.



- Fresh design and durable finish
- Bales can also be contained in bags
- Mounted on wheels for easy manoeuvring when cleaning

ORWAK FLEX5031 IS OPTIMIZED FOR:

PAPER

- Cardboard
- Shredded paper
- Paper sacks

PLASTIC FOIL

- Shrink film
- Plastic bags

SEMI-DRY WASTE

- Bagged general waste

USER-FRIENDLY

It is easy to fill in material in the open top-loading unit and it is safe and simple to maneuver. Removing the bag or bale is convenient thanks to a hoisting function.

OPTIONAL ACCESSORIES OFFER YOU MORE



Optional steel container for safe handling of, for example, tins and glass after compaction.



A simple-to-use option - the Orwak bale/bag lifter. Eliminates manual heavy lifting.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

A	B	C	D*	E
1940 mm	785 mm	1033 mm	2660 mm	1100 mm

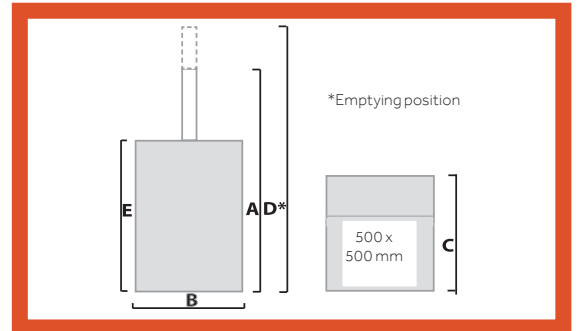
ENERGY CONSUMPTION

STANDBY MODE	MAXIMUM OPERATION ONE HOUR
---	660 W/H

TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE WEIGHT	MACHINE WEIGHT	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 500 mm Depth: 500 mm	36 secs	3 ton, 30 kN	Width: 500 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 40 kg Plastic: Up to 60 kg	285 kg	62 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



BRICKMAN 300 STANDARD

This version of BRICKMAN 300 is designed for effective compaction of large amounts of dry cardboard. The automated solution is time-saving and convenient. Due to a small footprint and low sound emission, BRICKMAN 300 can be placed indoors close to the source of waste.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY BRICKMAN?

- Convenient fully automated compaction solution
- Impressive volume reduction of up to 20:1
- Placement opportunities indoors

BRICKMAN 300 STANDARD

Turns large volume of material into compact briquettes for recycling

CONVENIENT AND EFFICIENT

BRICKMAN offers time-saving and comfortable waste handling. The press can be fed while running, there is no lid or door to open when loading the material and the ready briquettes require no binding.

Furthermore, optional photocells can automatize the start function. The material infeed and briquette outfeed are easy to integrate in system solutions.

IDEAL FOR CARDBOARD COMPACTION

The model is recommended for compaction of dry cardboard and paper. The compaction pressure is up to 500 kg/cm².



Small and compact briquette

BRICKMAN 300 STANDARD IS OPTIMIZED FOR:

CARDBOARD

- Corrugated cardboard

CAPACITY

Up to 250 kg/h

GREAT LOGISTICS

Thanks to BRICKMAN's compact dimensions and low sound emission, it can be placed indoors close to the waste disposal station.

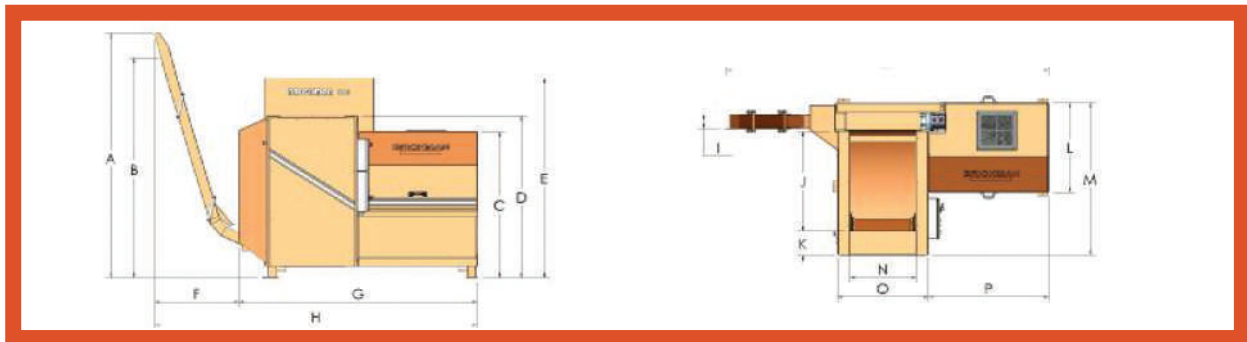
OPTIONAL ACCESSORIES

BRICKMAN can be ordered with a number of accessories; different chute options, start systems, sound absorption plates as well as heating and cooling devices.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS (mm)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
2270	1950	1360	1500	1880	850	2190	3040	140	950	210	840	1440	600	825	1100



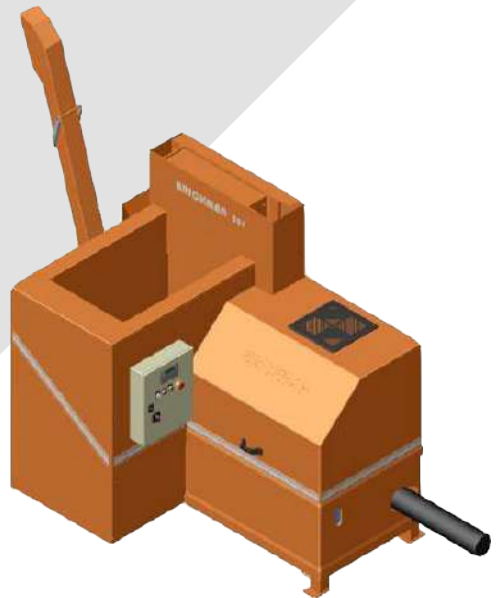
TECHNICAL SPECIFICATIONS

MACHINE WEIGHT	PRESS FORCE	PRESSURE	HOPPER	BRIQUETTE SIZE	DENSITY*	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
1600 kg	25 ton 250 kN	Up to 500 kg/cm	0.75 m ³	80x80x100-300 mm	Up to 600 kg/m ³	68 db (A)	IP 55	400 V, 3-phase, 50 Hz** Fuse: 25 A (slow) Engine: 7.5 kW, Voltage 24 V

We reserve the right to make changes to specifications without prior notice. * Density varies with type of material. ** Other voltages are available

BRICKMAN 300 HEAVY DUTY

This version of BRICKMAN 300 with extended cylinder is designed for effective compaction of large amounts of tough material like aluminum material, PET and other plastic containers. The automated solution is time-saving and convenient. Due to a small footprint and low sound emission, BRICKMAN 300 can be placed indoors close to the source of waste.



**AUTOMATIC
SOLUTION**



**CAPACITY
PET BOTTLES**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY BRICKMAN?

- Convenient fully automated compaction solution
- Impressive volume reduction of up to 20:1
- Great placement opportunities indoors

BRICKMAN 300 HEAVY DUTY

Turns large volume of material into compact briquettes for recycling

CONVENIENT AND EFFICIENT

BRICKMAN offers time-saving and comfortable waste handling. The press can be fed while running, there is no lid or door to open when loading the material and the ready briquettes require no binding.

Furthermore, optional photocells can autimize the start function. The material infeed and briquette outfeed are easy to integrate in system solutions.

OPTIMIZED LOGISTICS

Thanks to BRICKMAN's compact dimensions and low sound emission, it can be placed indoors close to the waste disposal station.



BRICKMAN 300 HEAVY DUTY IS OPTIMIZED FOR:

ALUMINUM

- Aluminum cans
- Aluminum chips

CAPACITY

Up to 160 kg/h
Up to 300 kg/h

PAPER

- shredded paper

CAPACITY

Up to 300 kg/h

PLASTIC

- PET bottles
- Plastic containers

CAPACITY

Up to 170 kg/h

DESIGNED FOR VARIOUS TOUGH MATERIAL

Thanks to the following features, this sturdy version of BRICKMAN 300 is especially designed for compaction of shredded paper, aluminum material, empty PET bottles and other plastic containers:

- Extension on the press cylinder
- Automatic greasing of the press plate
- Reinforced material in press chamber, press plate, cutting blades, guide piston and press loop

OPTIONAL ACCESSORIES

BRICKMAN can be ordered with a number of accessories; different chute options, start systems, sound absorption plates as well as heating and cooling devices.

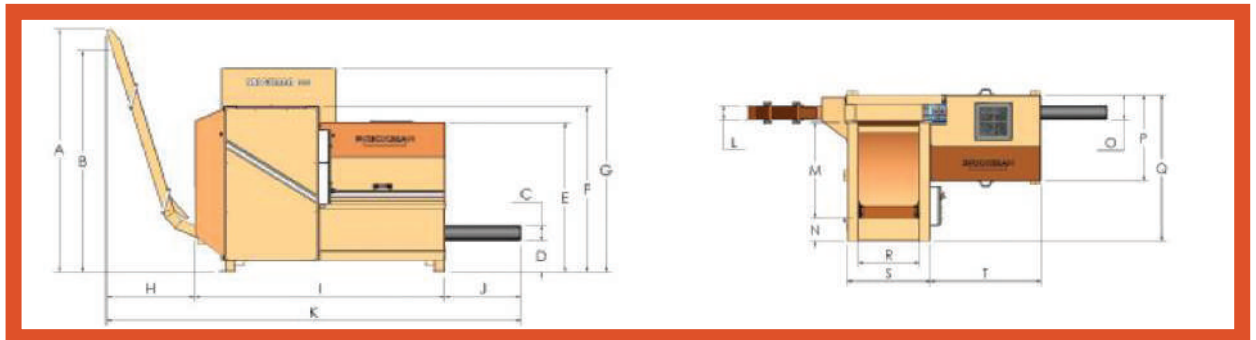
DIMENSIONS & SPECIFICATIONS

DIMENSIONS (mm)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
2270	1950	Ø145	425	1360	1500	1880	850	2190	660	3700	140	950	210	245	840	1440	600

DIMENSIONS (mm)

S	T
825	1100



TECHNICAL SPECIFICATIONS

MACHINE WEIGHT	PRESS FORCE	PRESSURE	HOPPER	BRIQUETTE SIZE	DENSITY*	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
1700 kg	25 ton 250 kN	Up to 500 kg/cm	0.75 m ³	80x80x100-300 mm	Up to 600 kg/m ³	68 db (A)	IP 55	400 V, 3-phase, 50 Hz** Fuse: 25 A (slow) Engine: 7.5 kW, Voltage 24 V

We reserve the right to make changes to specifications without prior notice. * Density varies with type of material. ** Other voltages are available

BRICKMAN 300 STAINLESS STEEL

This version of BRICKMAN 300, with extended cylinder and all vital components made of stainless steel, is designed for effective compaction of large amounts of PET bottles, aluminum cans and Tetra Paks containing liquid. The automated solution is time-saving and convenient. Due to a small footprint and low sound emission, BRICKMAN 300 can be placed indoors close to the source of waste.



**AUTOMATIC
SOLUTION**



170 KG/H

**CAPACITY
FILLED PET
BOTTLES**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY BRICKMAN?

- Convenient fully automated compaction solution
- Impressive volume reduction of up to 20:1
- Great placement opportunities indoors

BRICKMAN 300 STAINLESS STEEL

Turns large volume of material into compact briquettes for recycling

CONVENIENT AND EFFICIENT

BRICKMAN offers time-saving and comfortable waste handling. The press can be fed while running, there is no lid or door to open when loading the material and the ready briquettes require no binding.

Furthermore, optional photocells can automatize the start function. The material infeed and briquette outfeed are easy to integrate in system solutions.

OPTIMIZED LOGISTICS

Thanks to BRICKMAN's compact dimensions and low sound emission, it can be placed indoors close to the waste disposal station.



BRICKMAN 300 STAINLESS STEEL IS OPTIMIZED FOR:

FILLED CONTAINERS

- PET bottles
- Aluminum cans

CAPACITY

Up to 170 kg/h
Up to 160 kg/h

DESIGNED FOR CONTAINERS FILLED WITH LIQUID

Thanks to the following features, this sturdy version of BRICKMAN 300 is especially designed for compaction of bottles, aluminum cans and Tetra Paks containing liquid:

- Extension on the press cylinder
- Automatic greasing of the press plate

Reinforced material in press chamber, press plate, cutting blades, guide piston and press loop

- Hopper, all cover plates, shafts, cover plate guillotine, feeding plate, brackets, machine stand reinforcement, guides, back plate, brake, stand to cover plates and briquette chute in stainless steel

- Galvanized machine stand

OPTIONAL ACCESSORIES

BRICKMAN can be ordered with a number of accessories; different chute options, start systems, sound absorption plates as well as heating and cooling devices.

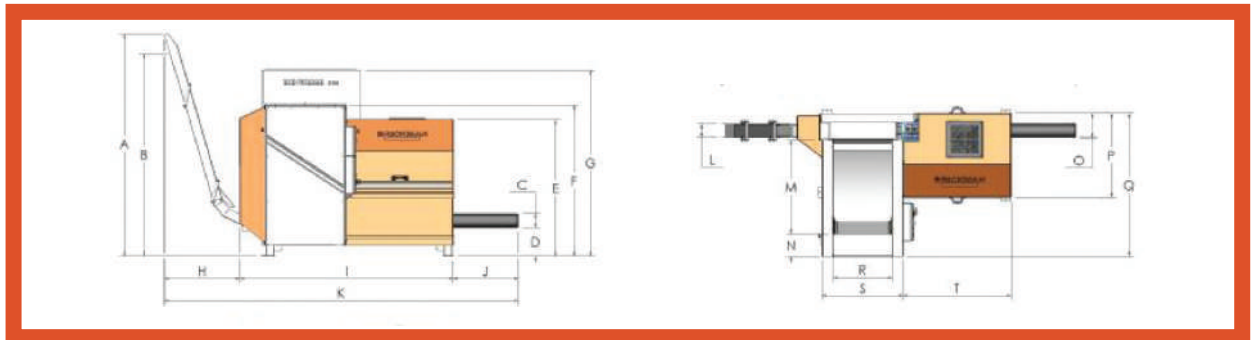
DIMENSIONS & SPECIFICATIONS

DIMENSIONS (mm)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
2270	1950	Ø145	425	1360	1500	1880	850	2190	660	3700	140	950	210	245	840	1440	600

DIMENSIONS (mm)

S	T
825	1100



TECHNICAL SPECIFICATIONS

MACHINE WEIGHT	PRESS FORCE	PRESSURE	HOPPER	BRIQUETTE SIZE	DENSITY*	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
1700 kg	25 ton 250 kN	Up to 500 kg/cm	0.75 m ³	80x80x100-300 mm	Up to 1000 kg/m ³	68 db (A)	IP 55	400 V, 3-phase, 50 Hz** Fuse: 25 A (slow) Engine: 7.5 kW, Voltage 24 V

We reserve the right to make changes to specifications without prior notice. * Density varies with type of material. ** Other voltages are available

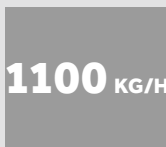
BRICKMAN 1200C

BRICKMAN 1200C, equipped with a cyclone for a compact less space demanding machine design, is developed to compact extra large quantities of bulky waste, such as cardboard and PET bottles. The automated solution is time-saving and convenient.

New feature: silent powerpack as standard for a pleasant low noise level working environment.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY BRICKMAN?

- Convenient fully automated compaction solution
- Impressive volume reduction of up to 20:1
- Great placement opportunities indoors

BRICKMAN 1200C

Turns large volume of material into compact briquettes for recycling

CONVENIENT AND EFFICIENT

BRICKMAN offers time-saving and comfortable waste handling. The press can be fed while running, there is no lid or door to open when loading the material and the ready briquettes require no binding.

Furthermore, optional photocells can automate the start function. The material infeed and briquette outfeed are easy to integrate in system solutions.

COMPACT MACHINE DESIGN THANKS TO CYCLONE

The innovative cyclone, based on a patented technique, allows for a notably smaller powerpack and a reduced oil volume in the tank. It makes BRICKMAN 1200C less space demanding and easier to transport. This saves transportation costs and enables installations in various environments.



BRICKMAN 1200C IS OPTIMIZED FOR:

CARDBOARD

- Corrugated cardboard

CAPACITY

Up to 1100 kg/h

PLASTIC

- PET bottles

CAPACITY

Up to 900 kg/h

NEW FEATURE: SILENT POWERPACK

It ensures a low sound emission contributing to an improved working environment and promoting installations directly at the waste source and in storage areas close to the customer environment.

DESIGNED FOR HEAVY DUTY

Thanks to the following features, the robust briquette press BRICKMAN 1200C is especially designed for compaction of large volumes of cardboard and empty PET bottles:

- Extension on the press cylinder
- Automatic greasing of the press plate
- Reinforced material in press chamber, press plate, cutting blades, guide piston and press loop

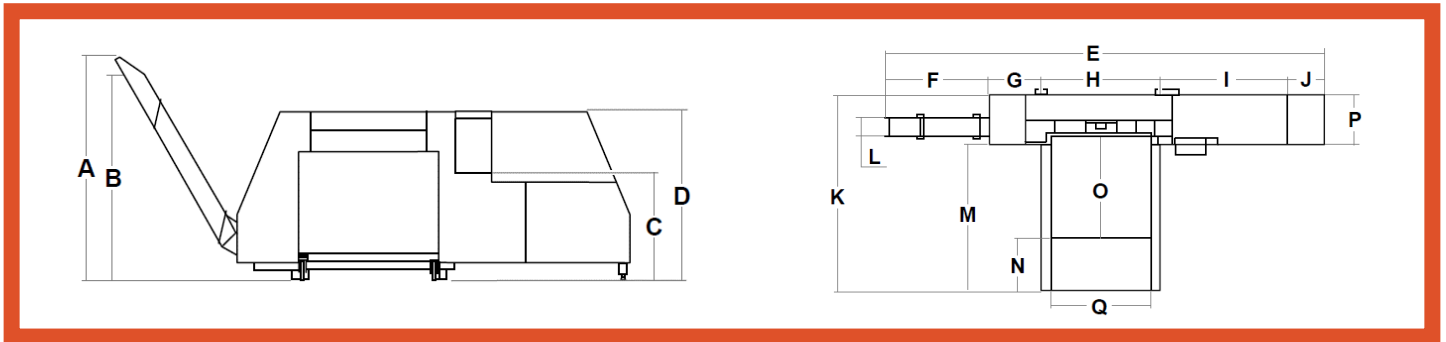
OPTIONAL ACCESSORIES

BRICKMAN can be ordered with a number of accessories; different chute options, start systems, sound absorption plates as well as heating and cooling devices.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS (mm)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
2470	2010	1185	1860	5715	1355	685	1555	1635	485	2560	265	1900	690	1350	660	1300



TECHNICAL SPECIFICATIONS

MACHINE WEIGHT	PRESS FORCE	PRESSURE	HOPPER	BRIQUETTE SIZE	DENSITY*	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
3800 kg	25 ton 250 kN	Up to 62 kg/cm	2 m ³	200x200x100-300 mm	Up to 400 kg/m ³	65 db (A)	IP 55	400 V, 3-phase, 50 Hz** Fuse: 32 A (slow) Engine: 11 kW, Voltage 24 V

We reserve the right to make changes to specifications without prior notice. * Density varies with type of material. ** Other voltages are available

BRICKMAN 2000C

BRICKMAN 2000C, equipped with a cyclone for a compact less space demanding machine design, is developed to compact extra large quantities of bulky waste, such as cardboard and PET bottles. The automated solution is time-saving and convenient.

New feature: silent powerpack as standard for a pleasant low noise level working environment.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY BRICKMAN?

- Convenient fully automated compaction solution
- Impressive volume reduction of up to 20:1
- Great placement opportunities indoors

BRICKMAN 2000C

Turns large volume of material into compact briquettes for recycling

CONVENIENT AND EFFICIENT

BRICKMAN offers time-saving and comfortable waste handling. The press can be fed while running, there is no lid or door to open when loading the material and the ready briquettes require no binding.

Furthermore, optional photocells can automate the start function. The material infeed and briquette outfeed are easy to integrate in system solutions.

COMPACT MACHINE DESIGN THANKS TO CYCLONE

The innovative cyclone, based on a patented technique, allows for a notably smaller powerpack and a reduced oil volume in the tank. It makes BRICKMAN 2000C less space demanding and easier to transport. This saves transportation costs and enables installations in various environments.



BRICKMAN 2000C IS OPTIMIZED FOR:

CARDBOARD

- Corrugated cardboard

CAPACITY

Up to 1500 kg/h

PLASTIC

- PET bottles

CAPACITY

Up to 1250 kg/h

NEW FEATURE: SILENT POWERPACK

It ensures a low sound emission contributing to an improved working environment and promoting installations directly at the waste source and in storage areas close to the customer environment.

DESIGNED FOR HEAVY DUTY

Thanks to the following features, the robust briquette press BRICKMAN 2000C is especially designed for compaction of large volumes of cardboard and empty PET bottles:

- Extension on the press cylinder
- Automatic greasing of the press plate
- Reinforced material in press chamber, press plate, cutting blades, guide piston and press loop

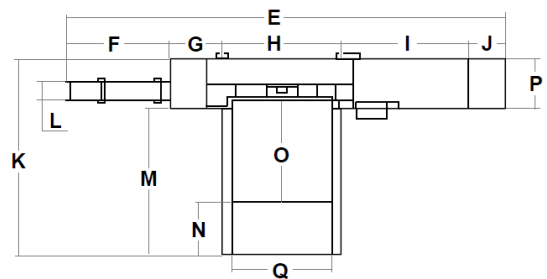
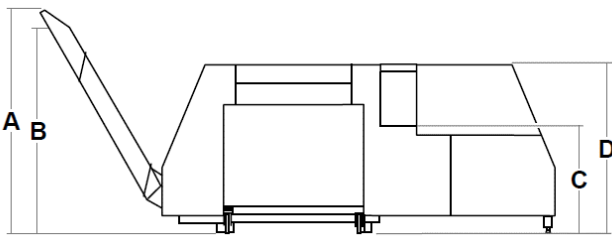
OPTIONAL ACCESSORIES

BRICKMAN can be ordered with a number of accessories; different chute options, start systems, sound absorption plates as well as heating and cooling devices.

DIMENSIONS & SPECIFICATIONS

DIMENSIONS (mm)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
2470	2010	1185	1860	5715	1355	685	1555	1635	485	2560	265	1900	690	1350	660	1300



TECHNICAL SPECIFICATIONS

MACHINE WEIGHT	PRESS FORCE	PRESSURE	HOPPER	BRIQUETTE SIZE	DENSITY*	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
3800 kg	25 ton 250 kN	Up to 62 kg/cm	2 m ³	200x200x100-300 mm	Up to 400 kg/m ³	65 db (A)	IP 55	400 V, 3-phase, 50 Hz** Fuse: 40 A (slow) Engine: 15 kW, Voltage 24 V

We reserve the right to make changes to specifications without prior notice. * Density varies with type of material. ** Other voltages are available



CLOSED-END COMPACTION SOLUTION FOR MORE PROFITABLE WASTE HANDLING

ORWAK
SEMI-AUTO
HORIZONTAL
BALERS

SEMI-AUTOMATIC HORIZONTAL BALERS 1540-1550-1560

Compact design, yet high-density bales! The Orwak closed-end horizontal balers are compact size and come with manual bale tying. They are ideal for businesses with big volumes of recyclable material when vertical balers are too labor intensive or where bulk loading is required.

SEMI-AUTOMATICS; PERFECT FOR YOUR BUSINESS



This range of semi-automatic balers is ideal when you are looking for a compact size indoor waste compaction solution and the volumes surpass what is effective to handle with vertical balers.

WHAT IS A SEMI-AUTO BALER?

The semi-automatics are small horizontal balers. The compaction cycles are automatic, while the bale tying is manual. The material is compacted against the closed-end of the press channel ensuring high-density bales.

MANUAL BALE TYING

When the press chamber is full, the operator ties the bale manually. A four-fold strapping or wire binding provides a firm grip of the bale.

SEMI-AUTO BALE EJECTION

When a bale is ready, the operator simply pushes two buttons to eject it on a pallet for easy removal by forklift.

PLENTY OF FEED OPTIONS

The semi-automatics can be fed manually from the ground or a dock, by bin lifter, chute, conveyor or forklift.

WHY SEMI-AUTOMATIC BALERS?

- High-capacity compaction of large waste volumes into dense bales
- Require little space and can be placed indoors
- Generous infeed and automated compaction means convenient waste disposal for the staff
- Generate mill-size bales for delivery to the recycling industry
- Cost effective waste solution

BROAD APPLICATION AREAS

Optimized for different types of paper, cardboard, plastic film, PP Big Bags and (pierced) PET bottles.

Our semi-automatic horizontal balers are perfect in any environment where big volumes of recyclables need to be taken care of and the volume exceeds what is productive to handle in a vertical baler:

Retailers
Manufacturing industries
Recyclers

Warehouses
Distribution centers

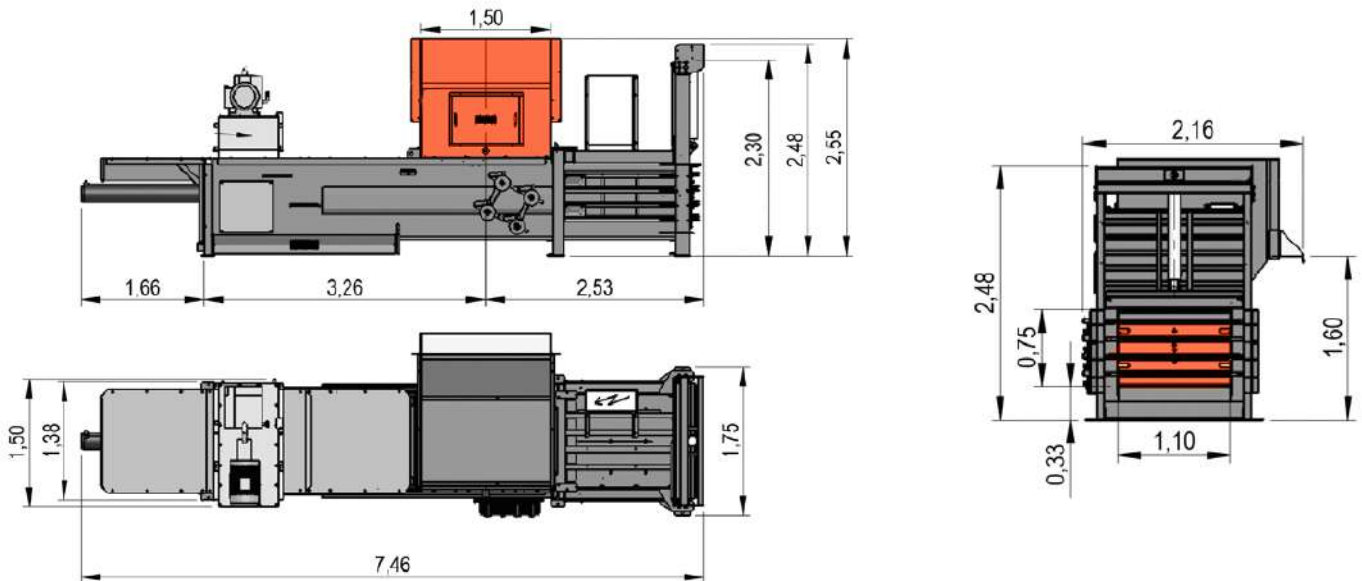
ORWAK SEMI-AUTOMATIC HORIZONTAL BALER

1540-1550-1560



MACHINE DIMENSIONS

	LENGTH (L)	WIDTH (W)	HEIGHT (H)	INFEED OPENING	CHANNEL SECTION
SEMI-AUTO 1540-1550-1560	7460 mm	2160 mm	2550 mm	1500x1100 mm	1100 x 750 mm



TECHNICAL DATA

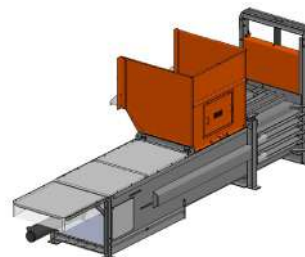
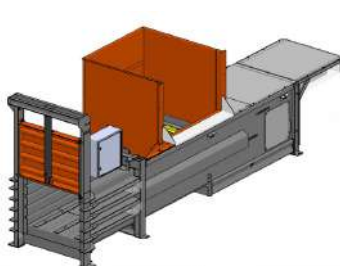
MODEL	LOADING VOLUME	CYCLE TIME	MOTOR	PRESS FORCE	SURFACE PRESSURE	BALE SIZE HxDxL (IN THE CHAMBER)	BALE BINDING	BALE WEIGHT	MACHINE WEIGHT	OIL TANK
1540	1.25 m ³	58 s	7.5 kW	40 ton, 400 kN	4.8 kg/cm ²	1100x750x900-1300 mm*	4-fold	up to 500 kg**	4950 kg	170 L
1550	1.25 m ³	39 s	15 kW	50 ton, 500 kN	6.1 kg/cm ²	1100x750x900-1300 mm*	4-fold	up to 550 kg**	5100 kg	300 L
1560	1.25 m ³	52 s	15 kW	60 ton, 600 kN	7.3 kg/cm ²	1100x750x900-1300 mm*	4-fold	up to 600 kg**	5250 kg	300 L

*The bale length can expand by 10-20% after ejection from the baler.

**Cardboard, for bale weights for other types of material, contact us.

Operating power: 3x400 V, 50 Hz

We reserve the right to make changes to specifications without prior notice.



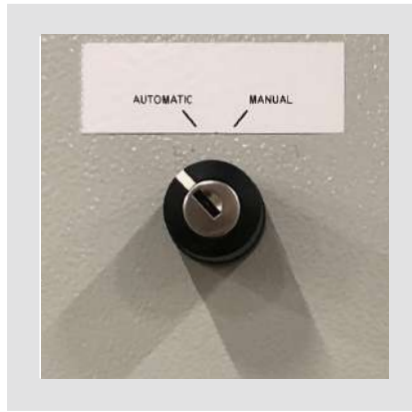
BEST FEATURES

For an enhanced user experience, the semi-automatic range comes with smart and convenient standard features.



PORTCULLIS DOOR

Sturdy vertical door that opens automatically.



AUTO START

Equipped with photocell start and a selector for easy switch between manual and automatic operation.



OPERATING PANEL

Modern user-friendly operating panel with status indicators and commands for bale ejection and manual operation.

OPTIONS & ACCESSORIES

A wide range of accessories and options make great machines even better and tailor the semi-automatics to your needs.



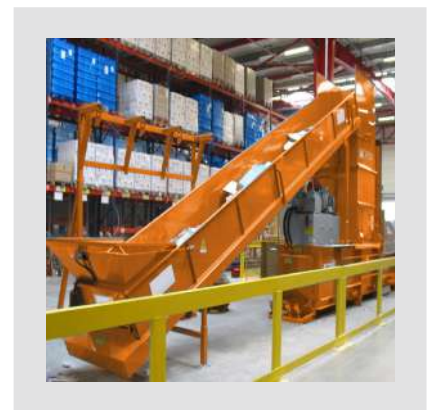
HOPPERS

Different types and sizes



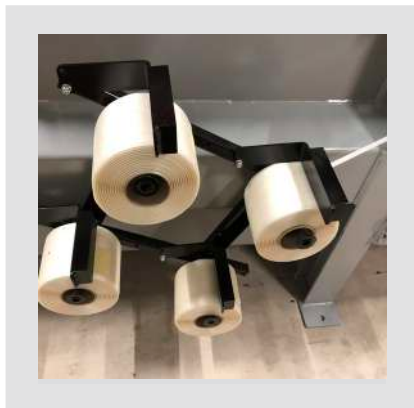
BIN LIFTER

For infeed from four-wheeled bins



CHUTES/CONVEYORS

For automated infeed of big waste volumes



STRAP HOLDERS



OIL COOLER/HEATERS



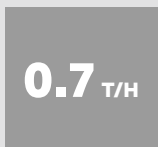
OPTICAL WARNING AUTO START

ORWAK HORIZONTAL 2050 AT

The most compact baler in the range! This fully automated horizontal 10 ton baler provides effective compaction where space is very limited. Ideal for shredded paper and low volumes of cardboard! The baler produces compact and lightweight bales. It can be delivered in two parts for easier transportation on site. We provide well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 2050 AT

Smart fully automated solution

COMPACT AND CLEVER DESIGN

The smallest baler in our HORIZONTAL line fits where you need it to be! On demand, it can be delivered in two parts for easier transportation to the installation site.

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Vertical or horizontal automatic tying

HORIZONTAL 2050 AT IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Shredded paper
- Cardboard

A VARIETY OF INFEEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt.

Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

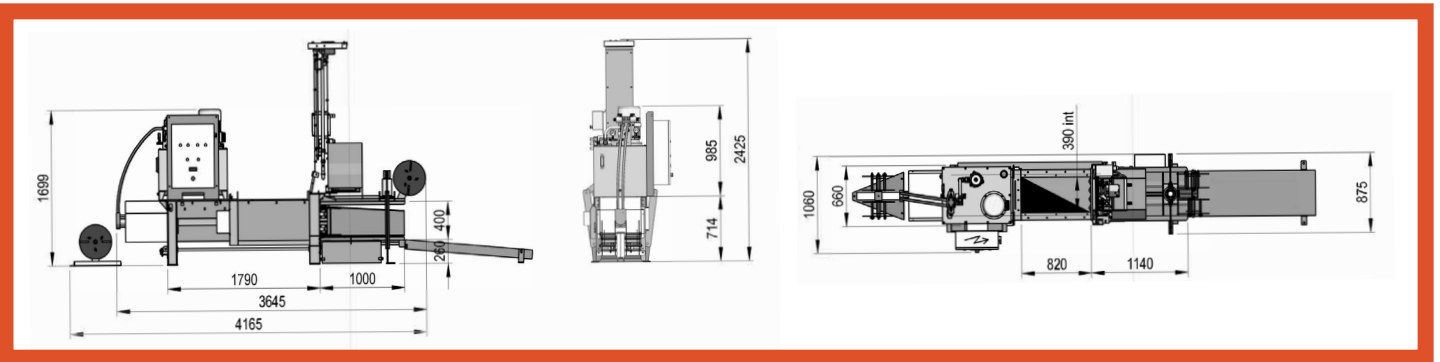
- Horizontal tying
- Bin lifter
- Conveyor belt
- Cooling and heating systems

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
4165x1060x2425 mm	450x800 mm	0.15 m ³	10 ton	7,5 kW/10 Hp	6 kg/cm ²	4	450x400 mm	80 L



TECHNICAL SPECIFICATIONS

TOTAL MACHINE WEIGHT	THEORETICAL OUTPUT	LOADING OUTPUT	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
1150 kg	35 m ³ /h	21 m ³ /h	2 wires Ø 2.7	450x400x500-1000 mm	20-50 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 15 AT

Our fully automated horizontal 15 ton baler provides effective compaction where space is limited. The baler can be delivered in three parts for easier internal transportation. We provide well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 15 AT

Smart fully automated solution

COMPACT AND CLEVER DESIGN

This compact baler fits where you need it to be! On demand, it can also be delivered in three parts for easier transportation to the installation site.

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length

HORIZONTAL 15 AT IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Shredded paper
- Cardboard

PLASTIC

- PET bottles

A VARIETY OF INFEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt.

Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

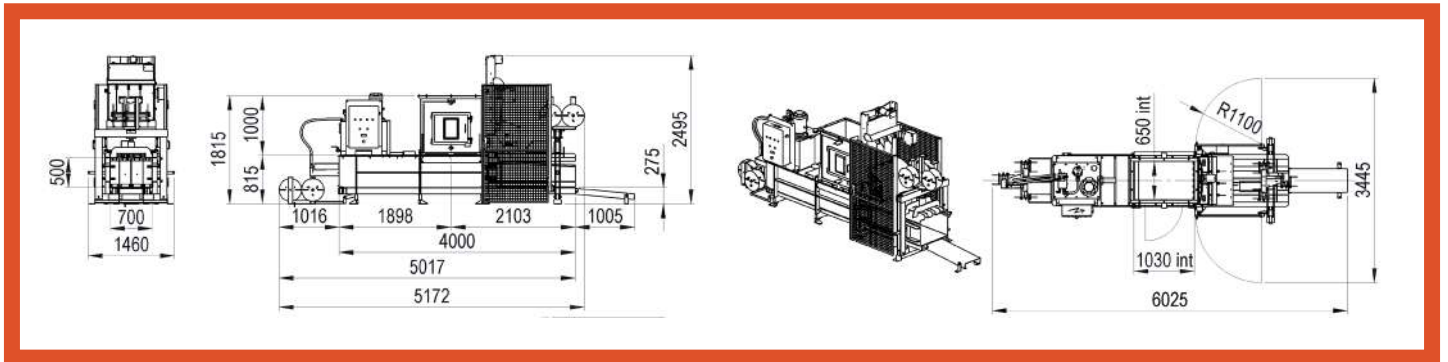
- Bin lifter
- Conveyor belt
- Cooling and heating systems

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
5172x1460x2495 mm	1030x650 mm	0.35 m ³	15 ton	7,5 kW/10 Hp	4.28 kg/cm ²	4	700x500 mm	200 L



TECHNICAL SPECIFICATIONS

TOTAL MACHINE WEIGHT	THEORETICAL OUTPUT	LOADING OUTPUT	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
2800 kg	84 m ³ /h	50 m ³ /h	3 wires Ø 2.7	700x500x600-1200 mm	80-150 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 25-40 AT

Our fully automated horizontal 25-40 ton balers in this line offer compact dimensions for environments where space is limited. Yet they are designed to meet the challenges by centralized waste handling, where large volumes of recyclable cardboard is produced. We provide well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



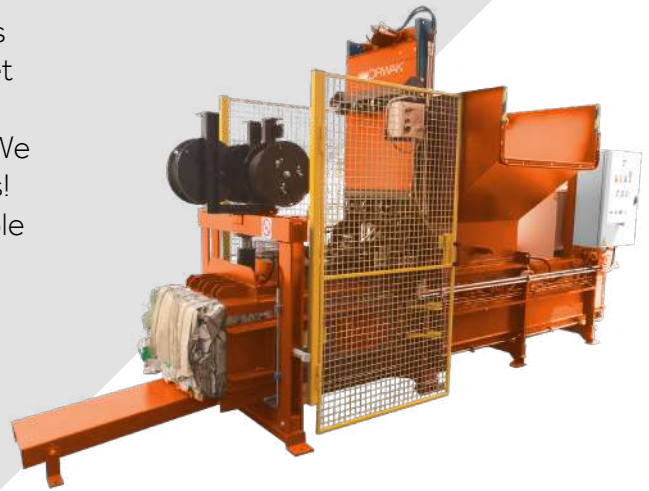
**AUTOMATIC
SOLUTION**

2-6 T/H

**CAPACITY
CARDBOARD**

400 KG

**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 25-40 AT

Smart fully automated solution

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.



Option: conveyor belt



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Vertical or horizontal automatic tying

HORIZONTAL 25-40 AT ARE OPTIMIZED FOR:

PAPER

- Paper sacks
- Shredded paper
- Cardboard

PLASTIC

- PET bottles

A VARIETY OF INFEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt.

Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

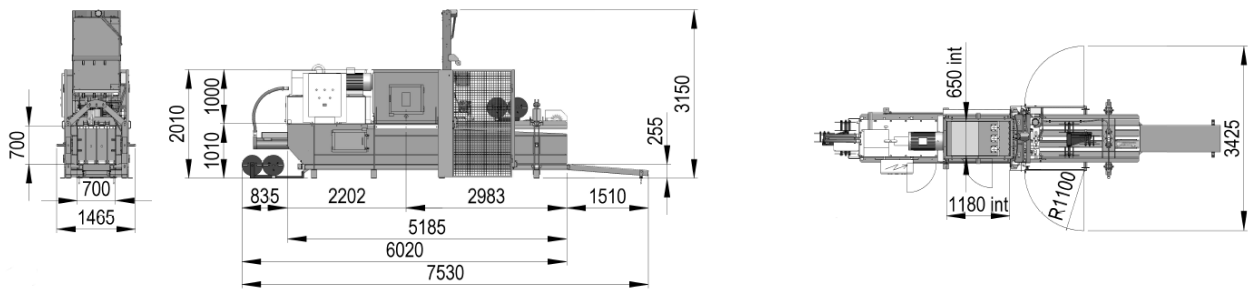
- Horizontal tying
- Bin lifter
- Conveyor belt
- Cooling and heating systems

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MODEL	MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
25 AT	6020x1465x3150 mm	1180x650 mm	0.58 m ³	25 ton	15 kW/20 Hp	5.1 kg/cm ²	4	700x700 mm	300 L
40 AT	6020x1465x3150 mm	1180x650 mm	0.58 m ³	40 ton	22 kW/30 Hp	8.16 kg/cm ²	5	700x700 mm	500 L



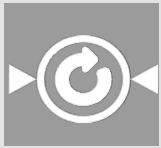
TECHNICAL SPECIFICATIONS

MODEL	TOTAL MACHINE WEIGHT	THEORETICAL OUTPUT	LOADING OUTPUT	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
25 AT	5200 kg	157 m ³ /h	90 m ³ /h	3 wires Ø 2.7	700x700x800-1400 mm	100-300 kg
40 AT	5300 kg	174 m ³ /h	100 m ³ /h	3 wires Ø 2.7	700x700x800-1400 mm	100-400 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 450-500 SAT

Our fully automated horizontal 45-50 ton balers in this line offer compact dimensions for environments where space is limited. Yet they are designed to meet the challenges by centralized waste handling, where large volumes of recyclable cardboard is produced. We provide well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 450-500 S AT

Smart fully automated solution

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.



Option: conveyor belt



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Vertical or horizontal automatic tying

HORIZONTAL 450-500 S AT ARE OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard

PLASTIC

- Shrink film

A VARIETY OF INFEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt.

Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

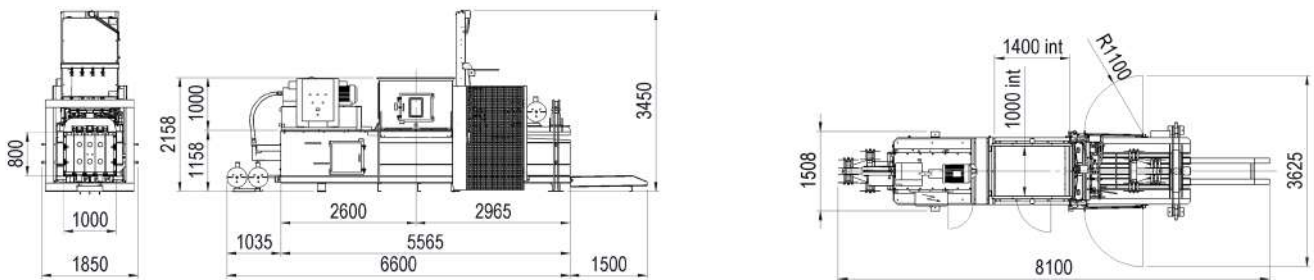
- Bin lifter
- Conveyor belt
- Cooling and heating systems

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MODEL	MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
450 AT	6600x1850x3450 mm	1400x1000 mm	1.10 m ³	45 ton	7.5 kW/10 Hp	5.7 kg/cm ²	1.5-2	1000x800 mm	200 L
500 S AT	6600x1850x3450 mm	1400x1000 mm	1.10 m ³	50 ton	15 kW/ 20 Hp	6.25 kg/cm ²	2.5	1000x800 mm	400 L



TECHNICAL SPECIFICATIONS

MODEL	TOTAL MACHINE WEIGHT	THEORETICAL OUTPUT	LOADING OUTPUT	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
450 AT	6500 kg	75 m ³ /h	50 m ³ /h	4 wires Ø 3.2	1000x800x800-2150 mm	450-500 kg
500 S AT	7000 kg	165 m ³ /h	100 m ³ /h	4 wires Ø 3.2	1000x800x800-2150 mm	400-600 kg

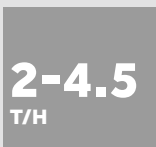
We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 500 AT

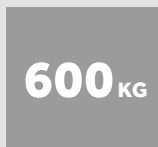
Our fully automated horizontal 50 ton baler meets the challenges by centralized waste handling in many businesses and organizations where huge volumes of recyclable paper-based and plastic wrapping are produced. We offer well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 500 AT

Smart fully automated solution

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.

EQUIPPED WITH A PROGRESSIVE CUTTING SYSTEM

for extra effective compaction .



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Bale counter
- Vertical or horizontal automatic tying

HORIZONTAL 500 AT IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard

PLASTIC

- Shrink film
- PET/PEHD

METAL

- Food cans
- Pain cans

WOOD

- Crates

A VARIETY OF INFEEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt. Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

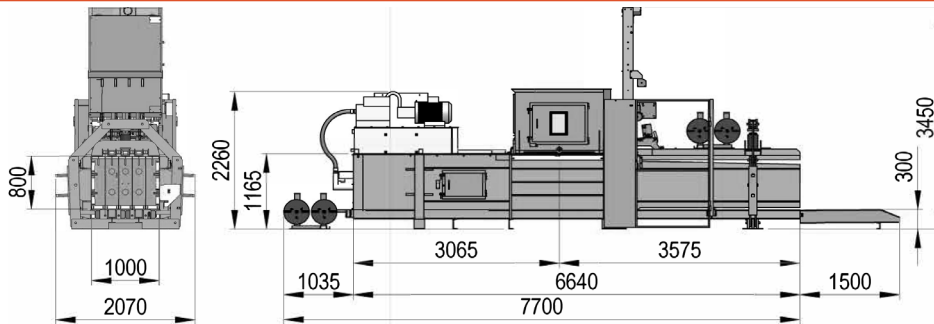
- Horizontal tying
- Bin lifter
- Conveyor belt
- Cooling and heating systems
- Stamper

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
7700x2070x3450 mm	1400x1000 mm	1.12 m ³	50 ton 60 ton	15 kW/20 Hp 22 kW/30 Hp	6.25 kg/cm ² 7.5 kg/cm ²	2 3	1000x800 mm	400 L 500 L



TECHNICAL SPECIFICATIONS

TOTAL MACHINE WEIGHT	PRODUCTION RATE WITH LOAD	PRODUCTION ACCORDING TO DENSITY	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
8500-9000 kg	80 -150 m ³ /h	2-4.5 t/h	4 wires Ø 3.2	1000x800x800-2150 mm	400-600 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 800 AT

Our fully automated horizontal 80 ton baler meets the challenges by centralized waste handling in many businesses and organizations where huge volumes of recyclable paper-based and plastic wrapping are produced. We offer well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**



ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

MORE SPACE & ORDER

Our balers rapidly minimize the space the waste takes up, keeping aisles free and tidy.

LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 800 AT

Smart fully automated solution

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enables you to yield optimal output.

EQUIPPED WITH A PROGRESSIVE CUTTING SYSTEM

for extra effective compaction.



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Bale counter
- Oil cooler
- Vertical or horizontal automatic tying

HORIZONTAL 800 AT IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard

PLASTIC

- Shrink film
- PET/PEHD

METAL

- Food cans
- Pain cans

WOOD

- Crates

A VARIETY OF INFEEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt. Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

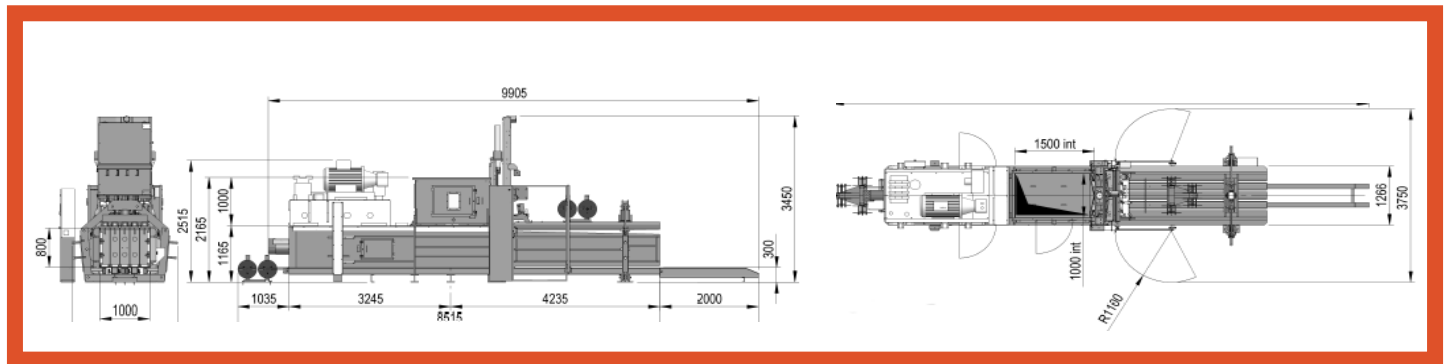
- Horizontal tying
- Bin lifter
- Conveyor belt
- Cooling and heating systems
- Stamper

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
8515x2150x3450 mm	1550x1000 mm	1.24 m ³	80 ton	55 kW/75 Hp	10 kg/cm ²	5	1000x800 mm	1000 L



TECHNICAL SPECIFICATIONS

TOTAL MACHINE WEIGHT	PRODUCTION RATE WITH LOAD	PRODUCTION ACCORDING TO DENSITY	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <i>DEPENDS ON BALE LENGTH</i>
13000 kg	225 m ³ /h	8-13 t/h	4 wires Ø 3.2	1000x800x800-2200 mm	400-800 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

ORWAK HORIZONTAL 1000 ATH

Our fully automated horizontal 100 ton baler meets the challenges by centralized waste handling in many businesses and organizations where huge volumes of recyclable paper-based and plastic wrapping are produced. We offer well-proven technology for special demands! The automatic tying and the continuous baling enable multi-shift operation.



**AUTOMATIC
SOLUTION**



**CAPACITY
CARDBOARD**



**BALE WEIGHT
CARDBOARD**

ORWAK BENEFITS



MORE PRODUCTIVE USE OF TIME

Less time spent on waste handling, more time for your core activities!

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LESS COSTS, MORE VALUE

More compaction = less waste volume to transport. Fewer transports required results in lower transportation costs and reduced CO₂ emissions. Sorting at source yields a higher quality of waste material for recycling.

WHY ORWAK HORIZONTAL?

- Effective large-scale waste handling
- Improved internal and external logistics
- Safe and comfortable working environment
- Excellent control over the throughput
- Increased income when delivering high-quality bales directly to the recycling industry.

ORWAK HORIZONTAL 1000 ATH

Smart fully automated solution

CONTINUOUS FEEDING AND OUTPUT

A completely automated waste management solution designed for continuous infeed and equipped with an automatic horizontal strapping system with adjustable wire links, which enables you to yield optimal output.

EQUIPPED WITH A PROGRESSIVE CUTTING SYSTEM

for extra effective compaction.



OPTIMAL FEATURES

- Well proven technology
- Auto start (photocell) as standard
- High speed: fast throughput
- Adjustable bale length
- Bale counter
- Oil cooler
- Horizontal automatic tying

HORIZONTAL 1000 ATH IS OPTIMIZED FOR:

PAPER

- Paper sacks
- Cardboard
- Tetra Pak

PLASTIC

- Shrink film
- PET/PEHD

A VARIETY OF INFEEED OPTIONS

To fit the conditions in your environment, our horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport and conveyor belt. Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

OPTIONS

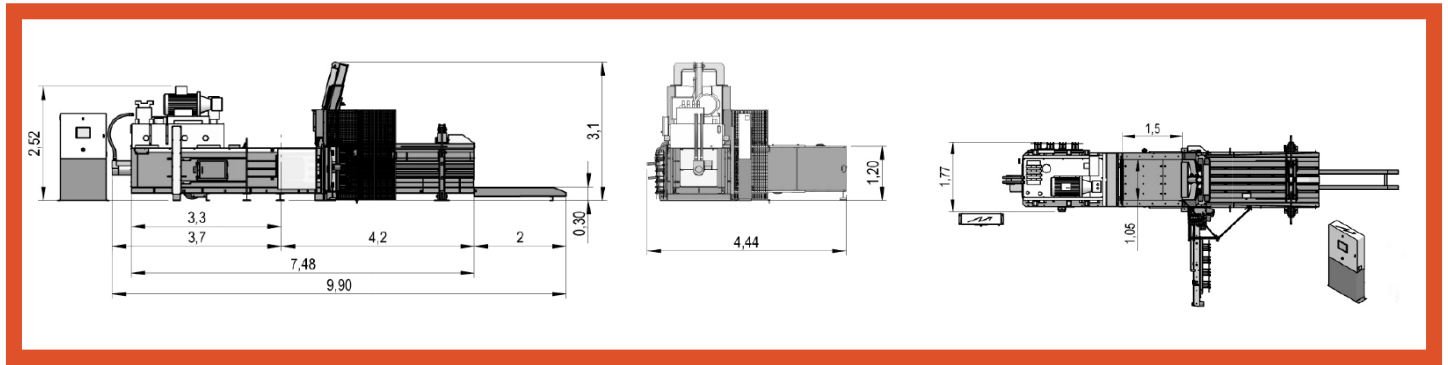
- Conveyor belt
- Heating systems
- Stamper

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL SPECIFICATIONS

MODEL	MACHINE DIMENSIONS (LXWXH) EXCL BALE EXIT	FEED OPENING	INFEEED CAPACITY	PRESS FORCE	MOTOR	SURFACE PRESSURE	CYCLES PER MINUTE	CHANNEL SECTION	OIL TANK CAPACITY
1000 ATH, 55 kW	7860x4435x3060 mm	1550x1100 mm	1.36 m ³	100 ton	55 kW/75 Hp	11.3 kg/cm ²	3.5	1100x800 mm	1000 L
1000 ATH, 75 kW	7860x4435x3060 mm	1550x1100 mm	1.36 m ³	100 ton	75 kW/100 Hp	11.3 kg/cm ²	5	1100x800 mm	1500 L



TECHNICAL SPECIFICATIONS

MODEL	TOTAL MACHINE WEIGHT	PRODUCTION RATE WITH LOAD	PRODUCTION ACCORD. TO DENSITY	AUTOMATIC BINDING	BALE SIZE (ADJUSTABLE LENGTH)	BALE WEIGHT CARDBOARD <small>DEPENDS ON BALE LENGTH</small>
1000 ATH, 55 kW	15000 kg	220 m ³ /h	11-18 t/h	4 wires Ø 3.4	1100x800x800-2150 mm	400-1000 kg
1000 ATH, 75 kW	15500 kg	320 m ³ /h	16-25 t/h	4 wires Ø 3.4	1100x800x800-2150 mm	400-1000 kg

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.

OPTION ORWAK CONNECT

NEW SERVICE
MORE FEATURES

BENEFIT EVEN MORE FROM YOUR NEW BALER - LET IT COMMUNICATE!

We are happy to present Orwak Connect, a smart option that adds value to your baler! It is a modem-based communication service enabling the baler to send a message when it needs attention. Furthermore, the service gives you unique supervising opportunities! Log into the Orwak Connect web portal to monitor your fleet of balers and gather interesting baling statistics. A premium option is a built-in scale for measuring the bale weight and it gives you full control over bales produced. Orwak recently launched a new edition of the service offering additional features and a modern user-friendly interface at the portal!



ORWAK CONNECT BENEFITS

Stay in control: The web portal provides an overview of the status of your balers as well as statistics on for example the baling frequency and the number of bales produced.

Uninterrupted use: The caretaker gets notified as soon as the baler is full or needs maintenance and can make sure that the machine is in operation again quickly to avoid unnecessary downtime.

Productive use of time & optimal logistics: No need to check on the balers on routine; especially good feature if you have several balers spread out in vast premises or in several remote locations! Based on the information in the portal, you can also plan the bale collection routes efficiently.

ORWAK CONNECT

- Sends notifications: full bale, service, technical error and other information
- Access to the web portal
- Bale counter & baling statistics

ORWAK CONNECT PLUS

- All the above
- Built-in scale for bale weight statistics

CONNECT FEATURES

THE BALER SENDS NOTIFICATIONS

When it needs attention, the unit sends emails or push notices to the registered recipients.

ACCESS 24/7 TO ORWAK CONNECT WEB PORTAL

When ordering Orwak Connect, you will be invited to the web portal, where you can monitor the status of your balers, add notification recipients and gather useful statistics on baling performance.

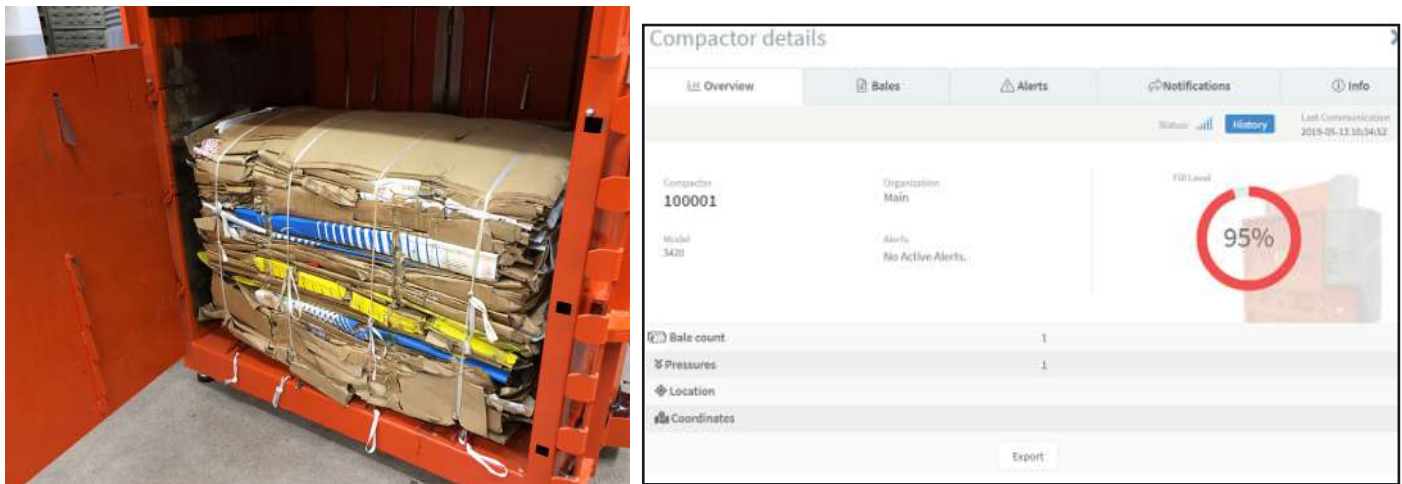
CONNECT COMMUNICATION SERVICE

When you order Orwak Connect, you get a modem, a license and can start enjoy the communication service. A SIM card is already implemented in the modem, so you do not need to worry about local operator agreements or additional unanticipated costs. The service will be prolonged, if not actively terminated, on a yearly basis, so that you can continue to benefit from Orwak Connect.



BALE STATISTICS AT THE ORWAK CONNECT PORTAL

The baler sends current data directly to the web portal, where statistics can be viewed or exported to Excel for further analyses and displays in charts.

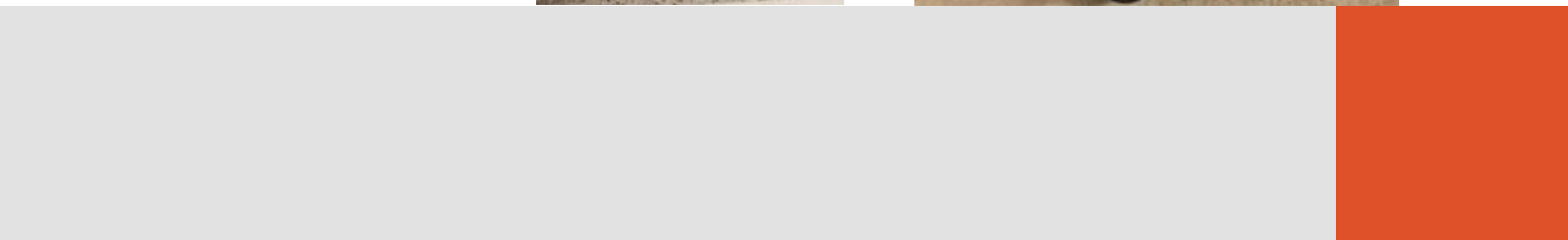


ORWAK CONNECT IS AVAILABLE FOR:
COMPACT & POWER - all models in these product families
ORWAK 3220, 3250 & 3500
MULTI 5070-HDC & 9020S - the versatile multi-chamber balers
TOM - the automatic waste bin
FLEX 4240 & 4360 - in bin waste compactors

ORWAK CONNECT PLUS

The built-in-scale is based on 4 load cells connected to a display, which shows the current bale weight (the load in the chamber). The data is transferred to the portal, where you can view the weight of every single bale produced by the baler in a specific period of time.

Bale	Timestamp	Fill level	Total press cycles	Weight
3	2019-05-06 13:10:33	100%	66	481
4	2019-05-06 13:40:43	<50%	49	208
5	2019-05-06 14:09:52	98%	75	472
6	2019-05-10 12:50:30	98%	71	465
7	2019-05-21 10:23:26	100%	89	483
8	2019-05-28 13:50:11	99%	101	474
9	2019-06-05 10:56:04	100%	96	478
10	2019-06-10 12:20:23	100%	108	479
11	2019-06-18 10:43:45	98%	117	469



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Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: okv@nt-rt.ru || сайт: <https://orwak.nt-rt.ru/>