

# ORWAK COMPACT 3110

COMPACT

THE ORWAK COMPACT 3110 모델은 포장폐기물 발생량이 적은 경우에 최적입니다. 탄소발자국이 낮은데다 디자인이 콤팩트하므로 설치장소에 구매를 받지 않습니다. 크기는 작지만 강력한 성능을 가진 베일러로서, 폐기물의 부피를 최대 1/7로 줄여줍니다.



Complies to  
**EN 16500**  
Safety standard

ORWAK

## 낮은 탄소발자국



**50** K6

판지의 경우,  
일 처리량

## 제품 특징점

### 빠른 처리능력

처리시간을 단축하여 빠르게 폐기물처리를 해주므로 생산성이 높아진다.

### 콤팩트 디자인

차지하는 면적이 작으므로 사용자에게 여유공간을 늘려준다.

### 저비용 고가치

압축률이 뛰어나므로 그만큼 폐기물 운송횟수와 비용이 절감되며, CO2 배출량 감소에도 긍정적인 효과를 준다. 발생지에서 고효율로 분류/압축이 구현되므로 리사이클링 공정을 획기적으로 개선한다.



## ORWAK COMPACT가 최선의 선택인 이유

- + 뛰어난 현장 실용성! 공간을 매우 적게 차지하면서도 높은 효율로 부피압축 구현
- + 압축된 베일(bale)이 경량이므로 취급이 용이
- + 판지/페플라스틱의 일 처리부하량이 높지 않은 경우에 최적의 선택

# ORWAK COMPACT 3110

## 장소에 구매를 받지 않는 콤팩트 디자인과 사용자친화적 기능

### 낮은 탄소발자국

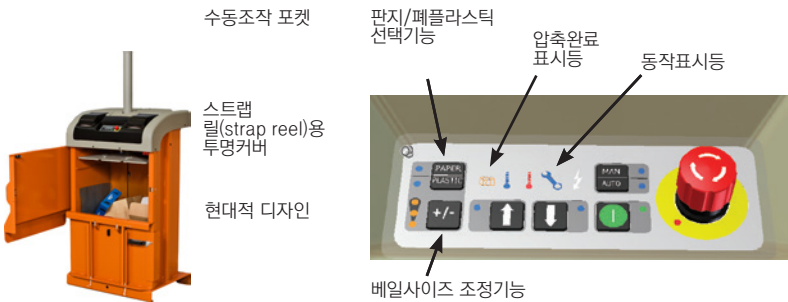
CO<sub>2</sub> 배출이 낮으면서도 외형이 콤팩트하므로 어느 장소에든 손쉽게 설치가 가능

### 자동시작 기능과 효율적인 압축

폐기물 투입 후 문을 닫으면 베일러가 자동으로 고효율 압축을 실행

### 폐기물 선택 기능

폐기물 유형(판지와 폐플라스틱)에 따른 선택기능 제공



### 처리 가능한 폐기물 유형(ORWAK COMPACT 3110)

종이류 + 판지 + 파쇄된 종이류	플라스틱 호일 + 파쇄 필름 + 플라스틱 백
기타 금속류 + 철 스트랩	기타 플라스틱류 + 플라스틱 스트랩

### 베일사이즈 선택 기능

3단계 베일 높이 중 임의 선택 가능; 압축한 베일 (판지의 경우)의 무게는 최대 50kg이며, 별도로 제공 되는 트롤리를 사용하여 손쉽게 운반 가능

### 저소음 구현

유압계통의 소음발생이 낮으므로 작업환경 개선에 기여; 특히 민원발생 염려가 있는 개소에 최적

### 베일트롤리 별도 제공

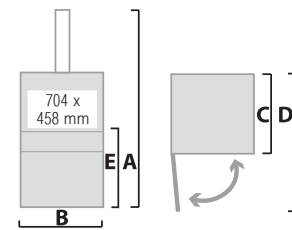
장비와 함께 제공되는 베일트롤리를 사용하여 힘 안들이고 압축된 베일을 이동시킬 수 있다.

EN 16500:2014 표준(수직형 베일러에 관한 안전 요구 조건) 준수

## 치수와 사양

사양				
A	B	C	D	E
1990 mm	866 mm	680 mm	1365 mm	648 mm

시간당 전력소비량	
대기모드	최대동작모드(1시간)
0.6 W/H	580 W/H



장비의 총 무게: 340 kg

기술사양							
투입개구부	사이클시간	압축력	베일사이즈	베일무게	소음도	보호등급	전원사양
폭: 704 mm 높이: 458 mm	33 secs	HP 4 ton, 40 kN LP 3 ton, 30 kN	폭: 700 mm 깊이: 500 mm 높이: 600 mm	판지: 최대 50 kg 플라스틱: 최대 70 kg	62.3 db (A)	IP 55	단상 230 V, 50 Hz, 10 A

상기 사양은 사전예고 없이 변경될 수 있습니다. 베일(bale)/백(bag)/통(bin)의 무게는 폐기물 유형에 따라 달라질 수 있습니다.

# ORWAK COMPACT 3115

COMPACT

**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.

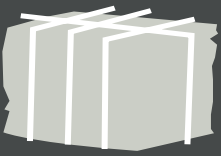


Complies to  
**EN 16500**  
Safety standard

ORWAK

**60** kg  
BALE WEIGHT  
CARDBOARD

## Cross-binding



## 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 CO<sub>2</sub> 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 3115

Compact and versatile baler-fits where you need it!

## PREPARED FOR CROSS-BINDING

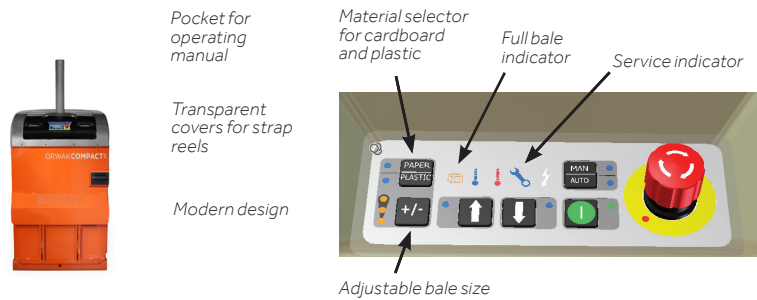
3115 is designed for cross-binding, a function that helps secure the bales and one that is particularly useful when compacting small pieces of material.

## AUTOSTART FOR EFFICIENT COMPACTION

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

## MATERIAL SELECTOR

A material selector makes the choice between compacting cardboard and plastic easy.



## 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

## ADJUSTABLE BALE SIZE

The cardboard bales weigh up to 60 kg and 3115 offers three different sizes of bale height for more options in waste management.

## SILENT OPERATION CONTRIBUTES TO A BETTER WORKING ENVIRONMENT

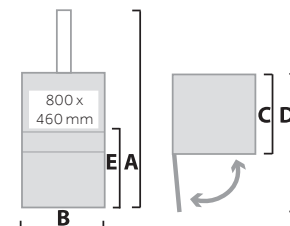
Thanks to a silent type of hydraulics, the sound emission is low, which contributes to improving the working environment for the employees and is an important feature if the baler is installed close to customers.

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



Weight (machine) Total: 380 kg

### TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE 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	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

COMPACT

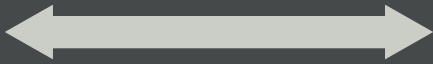
**NEW! THE ORWAK COMPACT 3120** is perfect for both cardboard and plastic. The new baler in the COMPACT family offers strong compaction on the spot: compact machine design, yet impressive volume reduction and a bale weight of up to 100 kg. The loading gate is extra wide, 1000 mm! For rich placement opportunities,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



Complies to  
**EN 16500**  
Safety standard

ORWAK

Extra-wide  
infeed



**100** 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 CO<sub>2</sub> 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 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.

### MATERIAL SELECTOR

A material selector makes the choice between compacting cardboard and plastic easy.

### ORWAK COMPACT 3120 IS OPTIMIZED FOR:

#### PAPER

- + Cardboard
- + Shredded paper

#### PLASTIC FOIL

- + Shrink film
- + Plastic bags

#### OTHER METALS

- + Steel straps

#### OTHER PLASTICS

- + Plastic straps

### ADJUSTABLE BALE SIZE

The 3120 offers adjustable bale height in three different sizes.

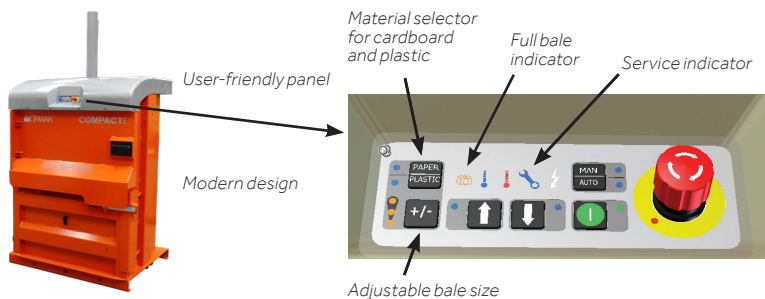
### BALE EJECTION

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

### 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.

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

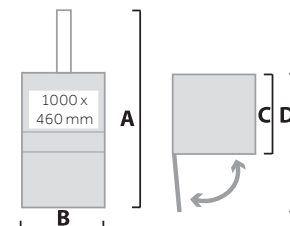


## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	TRANSPORT HEIGHT
2342 mm	1184 mm	900 mm	1907 mm	2342 mm (< 2000 mm on demand)

Machine weight: ≈ 580 kg



### TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	BALE SIZE	BALE 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	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 4240

FLEX

## COMPACT GENERAL WASTE IN 240 L BINS IN OUR NEW 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 minimizes 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 CO<sub>2</sub> 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 OPTIMIZED FOR:

#### SEMI-DRY WASTE

+ General waste

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

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

#### IDEAL FOR GENERAL WASTE

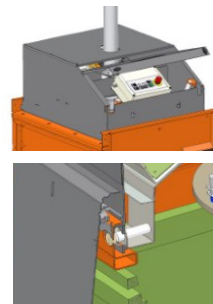
The 4240 is perfect for the hotel and restaurant sector, where general waste needs to be disposed of in waste bins. The in-bin compactor provides impressive volume reduction, contributing to valuable space-saving and a more profitable waste management.

#### 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.



Full protection and no access to moving parts: safety switches on the hatch and the front door/apron

#### SMART DESIGN - EASILY EXTENDABLE

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.

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

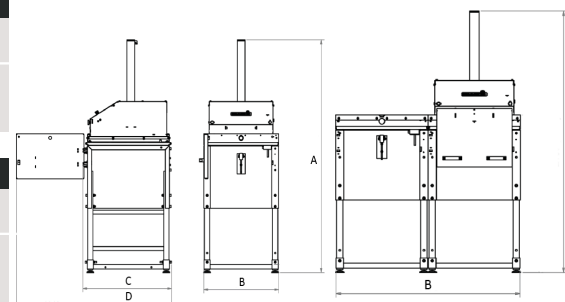
## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS ORWAK FLEX 4240

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	Double: 120 kg	Double: 100 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	1 x 230 V, 50 Hz, 10 A or 3 x 200 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 4360

FLEX

### COMPACT GENERAL WASTE IN 360 L BINS IN OUR NEW WASTE COMPACTOR FLEX 4360!

It is a robust and reliable machine with a compact and lightweight design. 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 minimizes 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 CO<sub>2</sub> 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 OPTIMIZED FOR:

#### SEMI-DRY WASTE

+ General waste

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

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

#### IDEAL FOR GENERAL WASTE

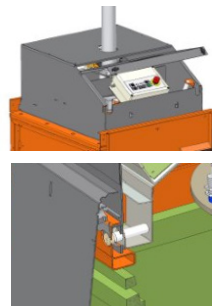
The 4360 is perfect for the hotel and restaurant sector, where general waste needs to be disposed of in waste bins. The in-bin compactor provides impressive volume reduction, contributing to valuable space-saving and a more profitable waste management.

#### 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.



Full protection and no access to moving parts: safety switches on the hatch and the front door/apron

#### SMART DESIGN - EASILY EXTENDABLE

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.

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

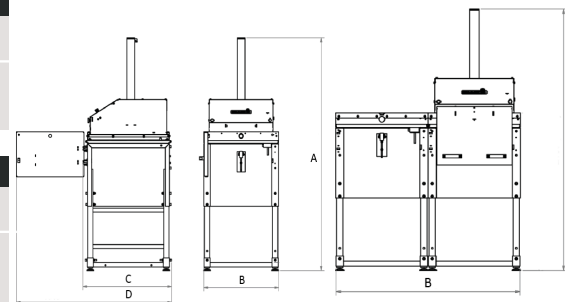
## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS ORWAK FLEX 4360

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	120 kg	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	1x230 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 5010-E

FLEX

**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 CO<sub>2</sub> 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

## ORWAK FLEX 5010-E IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded
- + Paper sacks

### PLASTIC FOIL

- + Shrink film
- + Plastic bags

### OTHER METALS

- + Metal straps

### OTHER PLASTICS

- + Plastic straps

### 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.



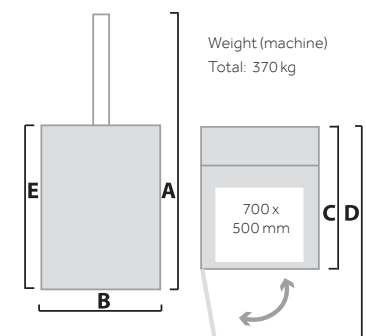
## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS ORWAK FLEX 5010-E

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	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	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

FLEX

**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 minimizes 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 CO<sub>2</sub> 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

## ORWAK FLEX 5030 IS OPTIMIZED FOR:

### PAPER

+ Paper sacks

### PLASTIC FOIL

+ Shrink film  
+ Plastic bags

### METAL CANS

+ Food cans  
+ Paint cans

### SEMI-DRY WASTE

+ Bagged general waste

## 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!

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



Emptying height 2,660 mm is standard

### 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

### 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 FOR FLEXIBILITY



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

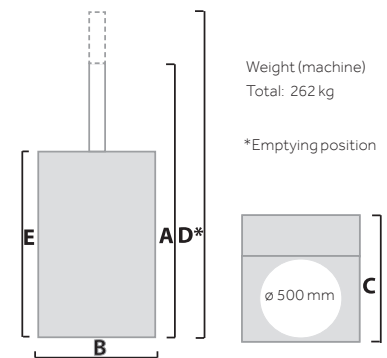
A	B	C	D	E
B 1940 mm C 1640 mm	B 760 mm C 760 mm	B 1045 mm C 1045 mm	B 2660 mm C 2360 mm	B 1100 mm C 1100 mm

### ENERGY CONSUMPTION

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

### TECHNICAL SPECIFICATIONS

LOADING APERTURE	CYCLE TIME	PRESS FORCE	CHAMBER DIMENSIONS	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
ø 500 mm	36 secs	3 ton, 30 kN	(internal) Width: ø 500 mm Height: 800 mm	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-NHD

FLEX

### 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 minimizes 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 CO<sub>2</sub> 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

**ORWAK FLEX 5030-N HD IS OPTIMIZED FOR:**

**OTHER MATERIAL**

+ Hazardous waste

ORWAK FLEX 5030-N HD, 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.

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



**USER FRIENDLY**

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



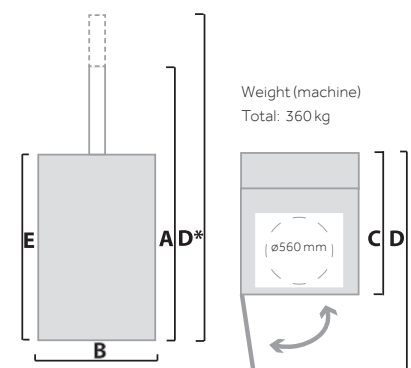
## DIMENSIONS & SPECIFICATIONS

**DIMENSIONS ORWAK FLEX 5030-N HD**

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	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
ø 560 mm	36 secs	3 ton, 30 kN	Width: ø600 mm Height: 1005 mm	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

FLEX

**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



**40** 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 minimizes 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 CO<sub>2</sub> 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 option

### ORWAK FLEX 5031 IS OPTIMIZED FOR:

#### PAPER

- + Cardboard
- + Shredded
- + Paper sacks

#### PLASTIC FOIL

- + Shrink film
- + Plastic bags

#### SEMI-DRY WASTE

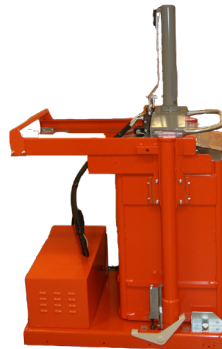
- + Bagged general waste

#### 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!

ORWAK FLEX 5031 comes with a fresh design and a durable finish

Bales can also be contained in bags



Mounted on wheels for easy manoeuvring when cleaning

#### COMPACT DESIGN

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

#### 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!

#### USER FRIENDLY

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

#### HYGIENIC WASTE COMPACTION

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

#### OPTIONAL ACCESSORIES FOR FLEXIBILITY



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.

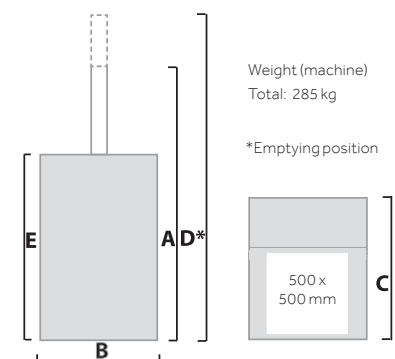
## DIMENSIONS & SPECIFICATIONS

#### DIMENSIONS ORWAK FLEX 5031

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	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	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 MULTI 5070-COMBI

MULTI

**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.



**50** KG  
BALE WEIGHT  
CARDBOARD

## Versatile



## Orwak benefits

### MORE PRODUCTIVE USE OF TIME

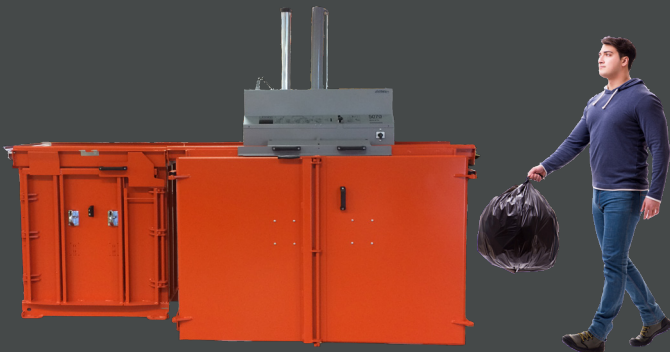
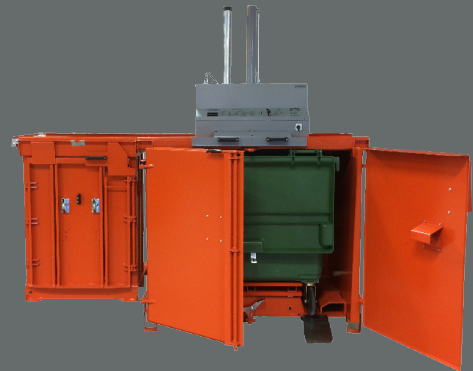
Less time spent on waste handling, more time for your core activities!

### 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 CO<sub>2</sub> emissions. Sorting at source yields a higher quality of waste material for recycling.

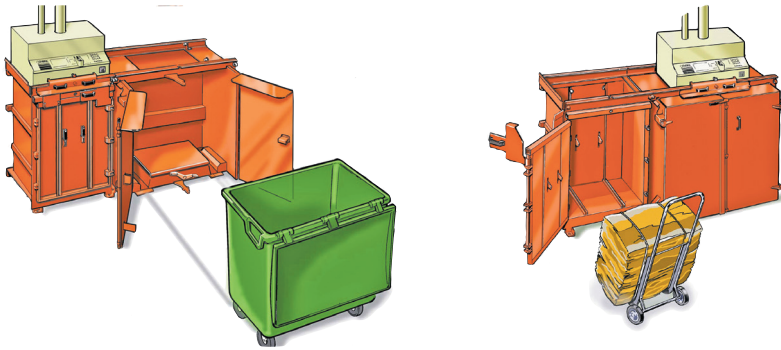


## Why Orwak Multi?

- + 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

All-round solution



## 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 wheeled bins of 660 litres.

### BALE TROLLEY

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

### 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.

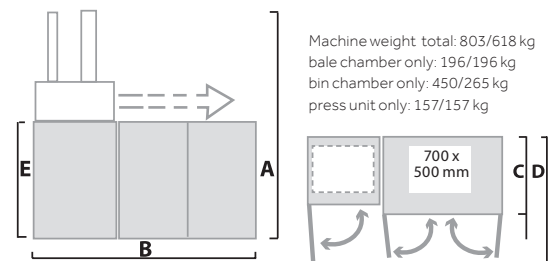
660 L/400L

## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E
660 L/400L	660 L/400L	660 L/400L	660 L/400L	660 L/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	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	< 70 db (A)	IP 55	Single Phase 230 V, 50 Hz, 10 A

All dimensions and specifications are for one bale chamber and one bin chamber. For other combinations, please contact us. We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.

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York, YO61 1ST  
Tel: 0800 342 3177  
info@orwakeasi.co.uk, www.orwakeasi.co.uk



# ORWAK

## MULTI 5070-HDC

MULTI

**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.



**80** KG  
BALE WEIGHT  
CARDBOARD

### Multi-chamber



### 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 CO<sub>2</sub> 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

## Unique multiple-strap option

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.

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.



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



### 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!

### 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!

### BALE TROLLEY

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

### EFFICIENCY

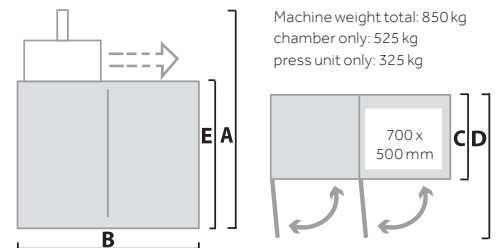
Whilst the baler compacts the material in one chamber, the other is open and ready to be fed with more material!

## 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	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 700 mm Height: 500 mm	20 secs	10 ton. 100 kN	Width: 700 mm Depth: 500 mm Height: 700 mm	Cardboard: Up to 80 kg Plastic: Up to 100 kg	< 72db (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

MULTI

**THIS 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.



**50** KG  
BALE WEIGHT  
CARDBOARD

## Multi-chamber



## 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 CO<sub>2</sub> 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.

## ORWAK MULTI 5070 IS OPTIMIZED FOR:

### PAPER

- + Paper sacks
- + Cardboard
- + Shredded paper

### PLASTIC FOIL

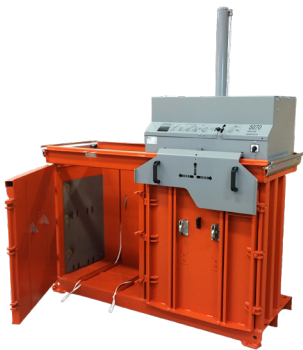
- + Shrink film
- + Plastic bags

### OTHER METALS

- + Steel straps

### OTHER PLASTICS

- + Plastic straps



### TAKES LITTLE SPACE

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

### EXTENDABLE SYSTEM

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

### EFFECTIVE COMPACTION

The long piston stroke produces highly compacted bales!

### BALE TROLLEY

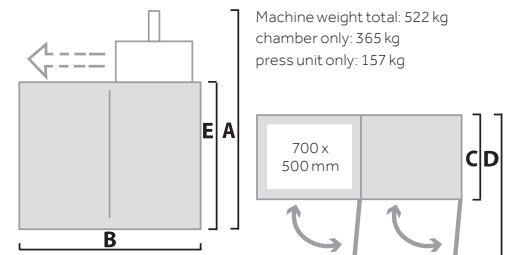
The 5070 is always delivered with a bale trolley for easy baling and internal transportation of the bale.

## 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	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	< 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 9020S

MULTI

## 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. A new safety brake has recently been implemented as a standard feature on this model!



Complies to  
**EN 16500**  
Safety standard

ORWAK

## 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 minimizes 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 CO<sub>2</sub> 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

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.

The press force can be regulated individually for each chamber, according to the material.



### 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.

### 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. The new feature improves safety at work and is one important step towards meeting the standard EN 16500.



### 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

### 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!

### BALE INDICATOR

A bale indicator alerts you when the machine has reached its capacity.

### EFFICIENCY

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

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 <sup>1</sup> ) mm	2175 mm	1380 mm	1900 mm

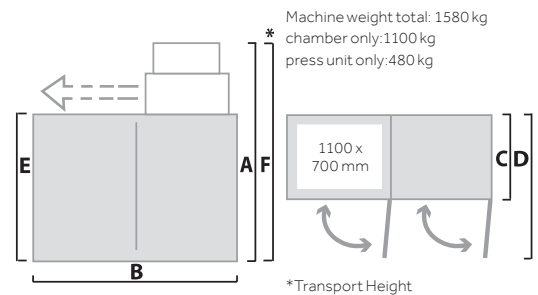
<sup>1</sup> Including strap holders

### 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	NOISE LEVEL	PROTECTION CLASS	OPERATING POWER
Width: 1100 mm Height: 700 mm	35 secs	20 ton, 200 kN	Width: 1100 mm Depth: 700 mm Height: 800 mm	Cardboard: Up to 200 kg Plastic: Up to 300 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 POWER 3320

POWER

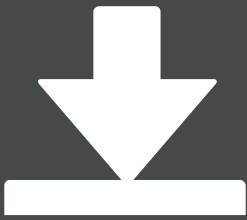
**ORWAK POWER** is a dynamic baler family based on an innovative hydraulic concept, Black Star Technology. Stronger, faster and smarter to give you more value for the money! 3320 has the lowest installation height and produces the lightest bales in the ORWAK POWER-family. It is perfect for environments with reduced ceiling height.



Complies to  
**EN 16500**  
Safety standard

ORWAK

Low Height



 BLACK STAR TECHNOLOGY

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 CO<sub>2</sub> 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 make you stay in control



[www.orwakeasi.co.uk](http://www.orwakeasi.co.uk)

 ORWAK®

# ORWAK POWER 3320

Extra low installation height

## ORWAK POWER 3320 IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded paper

## STRONGER

**BLACK STAR TECHNOLOGY** 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

### RAPID BALER KEEPS UP WITH YOUR PACE

- More throughput at less energy consumption than in traditional baling systems!
- Very short cycle time of only 26 seconds!
- Equipped with autostart!



Regular door for extra low installation height.

## SMARTER

### INTELLIGENT BALER

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.

### INSTALLATION HEIGHT JUST 1980 MM

The installation height is the same as the transport height! The extra low-built design is perfect for successful installation where the ceiling height is limited.

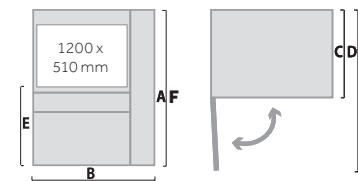
### MORE GREAT FEATURES

- Silent operation
- User-friendly panel
- Material selector HP (cardboard) & LP (plastic)
- Bale indicator
- Bales can be secured by polyester straps or wire

## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E	F*
1980 mm	1775 mm	1060 mm	2325 mm	1153 mm	1980 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	NOISE LEVEL	MACHINE WEIGHT	OPERATING POWER
Width: 1200 mm Height: 510 mm	26 secs	18.5 ton, 185 kN	Width: 1200 mm Depth: 800 mm Height: 1150 mm	Cardboard: Up to 200 kg	≤ 65 db (A)	985 kg	3-phase 3x400 V, 50 Hz

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

# ORWAK POWER 3325

POWER

**ORWAK POWER** is a dynamic baler family based on an innovative hydraulic concept, Black Star Technology. Stronger, faster and smarter to give you more value for the money! The baler comes with a regular pendulum door. 3325 is a great choice for both cardboard and plastic and has especially good qualities for compaction of plastic foil.



Complies to  
**EN 16500**  
Safety standard

ORWAK

**400** KG

BALE WEIGHT  
CARDBOARD

Seconds



 BLACK STAR TECHNOLOGY

## 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 CO<sub>2</sub> 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 make you stay in control



[www.orwakeasi.co.uk](http://www.orwakeasi.co.uk)

 ORWAK®

# ORWAK POWER 3325

## ORWAK POWER 3325 IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded paper

### PLASTIC FOIL

- + Shrink film
- + Plastic bags

Great qualities for cardboard and particularly soft plastic

## STRONGER

**BLACK STAR TECHNOLOGY** 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 (1000 mm)

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.

## SMARTER

### INTELLIGENT BALER

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.

### 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.

## FASTER

### RAPID BALER 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!



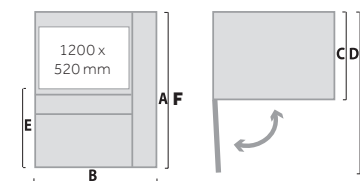
### MORE GREAT FEATURES

- Low-built design for easy transportation and successful installation where space is limited
- Silent operation
- User-friendly panel
- Material selector HP (cardboard) & LP (plastic)
- Bale indicator
- Bales can be secured by polyester straps or wire

## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E	F*
2380 mm	1775 mm	1060 mm	2325 mm	1153 mm	1980 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	NOISE LEVEL	MACHINE WEIGHT	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	≤ 65 db (A)	1080 kg	3-phase 3x400 V, 50 Hz

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

# ORWAK POWER 3420

POWER

**ORWAK POWER** is a dynamic baler family based on an innovative hydraulic concept, Black Star Technology. 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!



Complies to  
**EN 16500**  
Safety standard

ORWAK

Seconds



BLACK STAR TECHNOLOGY

400 kg

BALE WEIGHT  
CARDBOARD

## Orwak benefits

### MORE PRODUCTIVE USE OF TIME

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

### 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 CO<sub>2</sub> 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 make you stay in control



# ORWAK POWER 3420

## ORWAK POWER 3420 IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded paper

### PLASTIC FOIL

- + Shrink film
- + Plastic bags

Optimal choice for cardboard and plastic

## STRONGER

**BLACK STAR TECHNOLOGY** 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.

## SMARTER

### INTELLIGENT BALER

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.

### 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.

## FASTER

### RAPID BALER 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 sliding door that reopens automatically after each press cycle
- The gas spring-driven shutter goes up in less than 2 seconds!



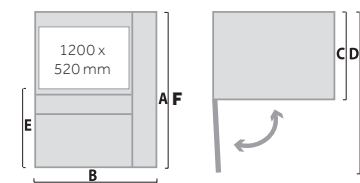
### MORE GREAT FEATURES

- Low-built design for easy transportation and successful installation where space is limited
- Silent operation
- User-friendly panel
- Material selector HP (cardboard) & LP (plastic)
- Bale indicator
- Bales can be secured by polyester straps or wire

## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E	F*
2380 mm	1775 mm	1060mm	2325 mm	1153 mm	1980 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	NOISE LEVEL	MACHINE WEIGHT	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	≤ 65 db (A)	1080 kg	3-phase 3x400 V, 50 Hz

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



# ORWAK POWER 3620

POWER

**ORWAK POWER** is a dynamic baler family based on an innovative hydraulic concept, Black Star Technology. Stronger, faster and smarter to give you more value for the money! 3620 is our real heavy-duty model for large volumes of cardboard boxes. With 50 ton press force it provides very effective compaction.



Complies to  
**EN 16500**  
Safety standard  
ORWAK

## Large volume



 BLACK STAR TECHNOLOGY

**450** 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 CO<sub>2</sub> 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 make you stay in control

# ORWAK POWER 3620

## ORWAK POWER 3620 IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded paper

### PLASTIC FOIL

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

Our largest, most powerful baler generates mill-size bales

## STRONGER

**BLACK STAR TECHNOLOGY** 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.

## SMARTER

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### SPECIAL PLASTIC MODE

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## FASTER

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- Autostart and a sliding door that reopens automatically after each press cycle
- The gas spring-driven shutter goes up in less than 2 seconds!



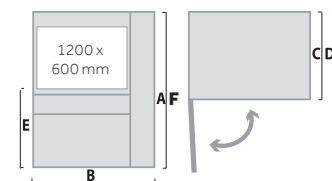
### MORE GREAT FEATURES

- Low-built design for easy transportation and successful installation where space is limited
- Silent operation
- User-friendly panel
- Material selector HP (cardboard) & LP (plastic)
- Bale indicator
- Bales can be secured by polyester straps or wire

## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E	F*
2481 mm	1900 mm	1050 mm	2355 mm	1144 mm	1980 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	NOISE LEVEL	MACHINE WEIGHT	OPERATING POWER
Width: 1200 mm Height: 600 mm	46 secs	50 ton, 500 kN	Width: 1200 mm Depth: 800 mm Height: 1140 mm	Cardboard: Up to 450 kg	≤ 65 db (A)	1520 kg	3-phase 3x400 V, 50 Hz

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

# ORWAK POWER 3820

**POWER**

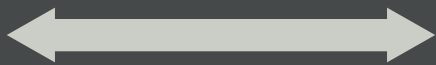
**ORWAK POWER** is a dynamic baler family based on an innovative hydraulic concept, Black Star Technology. Stronger, faster and smarter to give you more value for the money! 3820 has an extra generous infeed opening for large boxes up to 1500 mm wide.



Complies to  
**EN 16500**  
Safety standard


**ORWAK**

**Extra-wide  
infeed**



**500** kg

BALE WEIGHT  
CARDBOARD

 BLACK STAR TECHNOLOGY

## Orwak benefits

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[www.orwakeasi.co.uk](http://www.orwakeasi.co.uk)

 **ORWAK**<sup>®</sup>

# ORWAK POWER 3820

## ORWAK POWER 3820 IS OPTIMIZED FOR:

### PAPER

- + Cardboard
- + Shredded paper

### PLASTIC FOIL

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

## Generous infeed for extra large packaging

### STRONGER

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Advantages:

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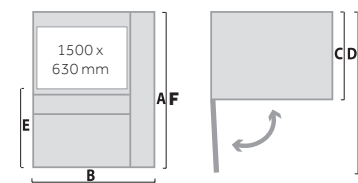
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- Bale indicator
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## DIMENSIONS & SPECIFICATIONS

### DIMENSIONS

A	B	C	D	E	F*
2576 mm	2075 mm	1060 mm	2625 mm	1144 mm	1980 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	NOISE LEVEL	MACHINE WEIGHT	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	≤ 65 db (A)	1220 kg	3-phase 3x400 V, 50 Hz

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