

# 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

[www.orwak.com](http://www.orwak.com)

ORWAK®

# 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!



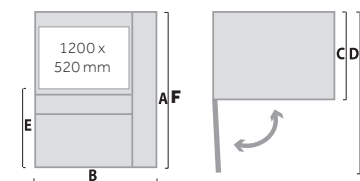
### MORE GREAT FEATURES

- 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
- **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 mm**



\*Transport Height

\*\*Transport feet add 70 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.