

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!



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!

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 make you stay in control

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!



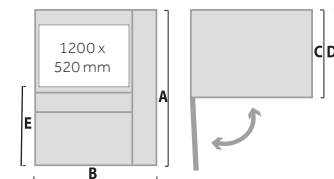
MORE GREAT FEATURES

- 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

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

| A | B | C | D | E | F* |
|---------|---------|--------|---------|---------|-----------|
| 2380 mm | 1775 mm | 995 mm | 2275 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.