

intimus 16.86 SmartShred shredder baler combination (10x70 mm)

INDUSTRIAL SHREDDER BALER COMBINATION



Industrial

P-2 | Heavy duty shredder engineered for high-performance in centralized applications, equipped with an integrated conveyor belt and baling press. It effortlessly handles up to 450 sheets simultaneously, delivering an impressive throughput of approx. 550 kg/h.



Shredding material:

- Paper with staples and paper clips
- Crumpled paper
- CD / DVD / Blu-ray
- Plastic card
- Folder
- Floppy disk



The intimus 16.86 SmartShred stands out as a robust, heavy-duty document shredder featuring a feed conveyor belt. The industrial shredder efficiently shreds and compacts materials into bales simultaneously. Equipped with a user-friendly touchscreen and programmable logic controller (PLC), it offers various functionalities such as language selection, recording of operating hours, display of machine processes, precise error reporting, and maintenance reminders, streamlining maintenance procedures. Emergency stop bar ensures operators' safety in case of emergency.

With its broad 500 mm working width, it facilitates convenient and rapid loading, effectively shredding all types of paper materials including loose, stapled, bound, crumpled, and even entire folders. It also accommodates small quantities of plastic materials like credit cards, CDs, and floppy disks. Meeting security level P-2 standards with a cutting width of 10 x 70 mm, it ensures data security. An auto-reverse function swiftly clears paper jams caused by overloading.

The shredded material is automatically compressed into compact bales once the baler reaches capacity. A "bale complete" indicator halts the cutting process, allowing the bale to be ejected using a push-button control. For added stability, each bale can be tied twice.

Standard features include an intelligent automatic oiler, enhancing operational efficiency and prolonging equipment lifespan.

KEY FEATURES

- The particles, measuring 10 x 70 mm, conform to security standard P-2 as per DIN 66399 (ISO/IEC 21964).
- Compatible with various paper materials including loose, stapled, bound, or crumpled, as well as entire folders and small quantities of plastic materials such as credit cards, CDs, and floppy disks.
- Efficiently processes 400-450 sheets of 80 g/m² paper with a working width of 500 mm, ensuring rapid and effective document processing.
- Ensures smooth operation with a high throughput of approx. 550 kg per hour.
- Comes equipped with a sturdy metal housing.
- The shredded material is compacted into bales to reduce its volume by up to 70%.
- Induction-hardened, nitrocarburised solid steel cutting cylinders/shafts guarantee durability and an extended service life.
- Features an intuitive touch display with programmable logic control (PLC).
- Includes emergency stop bar, emergency stop switch and lockable main switch for added safety.
- Facilitates effortless document shredding with high-capacity conveyor belt, automatic return, overload protection and automatic oiler.

SPECIFICATIONS

Area of application	Industrial
Cutting size paper (mm x mm)	10 x 70
Cutting type paper	Cross cut
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 ¹ / E-2 ³
Shredding material	Paper with staples and paper clips, Crumpled paper, CD / DVD / Blu-ray, Plastic card, Folder, Floppy disk
Material cutting cylinders / shaft	Induction-hardened, nitrocarburized solid steel
Waste disposal solution	Bale press
Intake width (mm)	500
Inlet / desk height (mm)	1.200
Sheet capacity (80g/m ²)	up to 450 ⁶
Throughput	approx. 550 kg/h
Cutting speed (80g/m ²) mm/s	240
Continuous Running	yes
Noise level (idle operation) dB(A)	61
Nominal motor power (W)	7.500
Motor protection device with thermal sensor	yes
Power supply (V / Hz)	400 / 50
Other voltages available	yes
Product dimensions W x D x H (cm)	121 x 284 x 163
Product weight (kg)	1.256
Control operation	Touch display
Visual status indication for ...	All activities and issues are shown on display and information e.g. overall operation time, blockages
Auto reverse	yes
Internal conveyor belt	yes
Hour meter	yes
Overload protection	yes
Safety features	Emergency stop bar, Transparent plastic curtain in feeding area
Lockable master switch	yes
Dust extractor	yes
Castors	Baler
Parking brakes	yes
Material machine housing	Metal
Made in Germany	yes
Certificates / Listings	CE, UKCA
Bale press	yes
Press force of baler (kN)	80
Bale weight (kg)	60 - 80

⁶ Under laboratory conditions

¹ Only floppy disks / ID cards.

³ Only plastic cards with electronic chip.