intimus 16.50 SmartShred heavy duty shredder (6x50 mm)

INDUSTRIAL SHREDDER WITH CONVEYOR BELT AND COLLECTION BIN

Industrial

P-3 | High capacity industrial document shredder tailored for centralized settings, with an integrated heavy duty conveyor belt. Capable of processing up to 290 sheets simultaneously, it delivers an impressive throughput of approx. 480 kg/h.

Shredding material:

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

The intimus 16.50 SmartShred is a robust, industrial document shredder with a feed conveyor belt and large 450-litre mobile collection container. The shredder has a user-friendly touchscreen with programmable logic controller (PLC). This enables, for example, language selection, recording of operating hours, display of all machine processes, precise error display or maintenance reminders, thus speeding up maintenance. An extensive emergency stop bar on the input table ensures immediate cessation in emergencies.

With its spacious 500 mm working width, it enables convenient and fast loading and efficiently shreds all types of paper materials: loose, stapled, bound and crumpled. Small quantities of plastic materials such as credit cards, CDs and floppy discs can also be shredded. With a cutting size of 6 x 50 mm, it complies with security level P-3. An auto-reverse function ensures that paper jams caused by overloading are cleared quickly and a fill level sensor stops the machine automatically as soon as the container is full. The shredder is equipped with an intelligent automatic oiler as standard.

KEY FEATURES

- The 6 x 50 mm particles comply with security standard P-3 in accordance with DIN 66399 (ISO/IEC 21964).
- Compatible with all types of paper materials - loose, stapled, bound or crumpled - and small quantities of plastic materials such as credit cards, CDs and floppy disks.
- Efficiently processes 260-290 sheets of 80 g/m^2 paper at a working width of 500 mm, ensuring fast and effective document processing.
- Guarantees smooth operation with a high throughput of around 480 kg per hour.
- Equipped with a robust metal housing and mobile collection container for added convenience.
- Induction-hardened, nitrocarburised solid steel cutting cylinders/shafts ensure durability and a long service life.
- Features an intuitive touch display with programmable logic control (PLC).
- Emergency stop bar, emergency stop switch and lockable main switch for added safety.
- Enables effortless document shredding with high capacity conveyor belt, automatic return, overload protection, bin full sensor and automatic oiler.

SPECIFICATIONS

Area of application	Industrial
Cutting size paper (mm x mm)	6 x 50
Cutting type paper	Cross cut
Security level ISO/IEC 21964 (DIN 66399)	P-3 / O-3 / T-3[1] / E-2[3]
Shredding material	Paper with staples and paper clips, Crumpled paper, CD / DVD / Blu-ray, Plastic card, Floppy disk
Material cutting cylinders / shaft	Induction-hardened, nitrocarburized solid steel
Waste disposal solution	Mobile collection container
Intake width (mm)	500
Inlet / desk height (mm)	1.200
Sheet capacity (80g/m²)	up to 290[6]
Throughput	approx. 480 kg/h
Cutting speed (80g/m²) mm/s	240
Bin volume (l)	450
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 195 x 163
Product weight (kg)	726
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
Bin full sensor	yes
Dust extractor	yes
Material machine housing	Metal
Made in Germany	yes
Certificates / Listings	CE, UKCA

6 Under laboratory conditions

1 Only floppy disks / ID cards.

3 Only plastic cards with electronic chip.