

## UNIVERSAL SHREDDING MACHINE

# JBF 3850

### Field of application

depending on the machine type:

- CDs, computer hard drives and boards, carbon tapes
- paper, card boards, files completely filled
- tin – and plastic cans
- PET-bottles
- wood, wooden boxes, pallets
- domestic waste
- metal and plastic chips
- car / truck-tires
- glass
- industrial waste
- cables and electronic waste
- plastic housings

### Technology:

Knife shafts with knives that can be individually changed and resharpened. Connection between shafts and knives by means of multiple keys.

Knives made of a long wearing knife-steel, laid out to cut metals, hardened.

The special machine construction with divided frame plates which allows to lift the complete knife shafts out of the machine for a quick exchange.

Low noise because the slow running cutting shafts are mounted on a sturdy, bolted machine housing.



The shown machines are equipped with funnel cover (additional equipment).  
Technical changes and colour variances reserved.



### Advantages:

#### Simple operation

through electronic control with reverse operation and automatic re-start

#### High throughput

The machine throughput and particle size of the shredded material is defined by knife width, knife diameter, knife form as well as the installed power of the machine

#### Highest safety for the operator

through limit switches on the doors and facing to prevent an unauthorized operation of the cutting unit. Emergency stop on the switch cabinet

#### Equipment

Manual pressure device and funnel cover, alternatively with limit switch control.

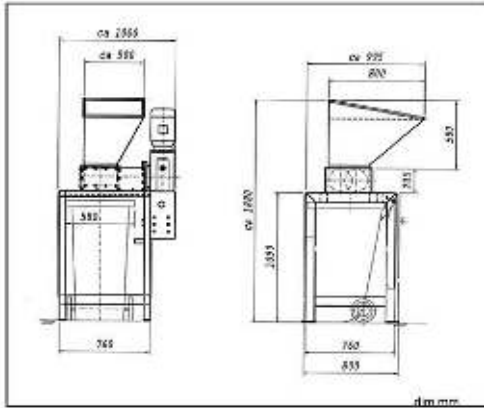
Infeed and exit conveyors as well as additional units like lifting and tilting unit, presses, press containers, suction devices can be integrated in the complete plant layout and machine concept.



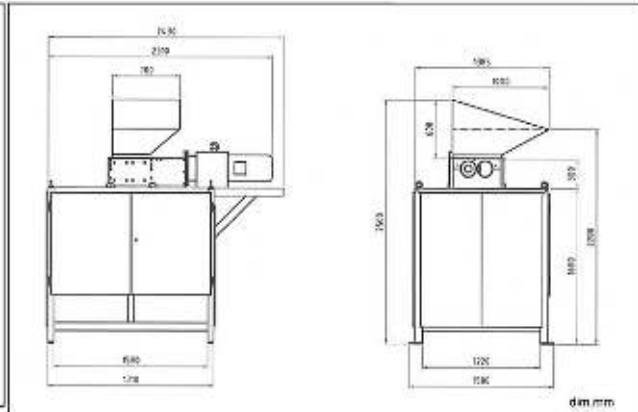
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shredding machine  
JBF 28/35



shredding machine  
JBF 38/50



### Technical data:

Shown device		JBF 28/35	JBF 35/35	JBF 38/50
Cutting zone	approx. mm	280 x 350	350 x 350	380x500
Knife width (standard/alternative)	mm	20 / 15 / 10	20 / 15 / 10	30 / 20
Drive (standard/alternative)	kW	2,2 / 3	2,2 / 3	7,5 / 9,2
Dimensions	l x w x h approx. mm	760x760x1900	760x760x1900	2500x1400x2500
Weight	kg	450	500	1350
Frame	for container/l	240	240	1100

### Throughput in m<sup>3</sup> / h

	JBF 28/35	JBF 35/35	JBF 38/50	JBF 48/50	JBF 54/60	JBF 60/60	JBF 100/60	JBF 150/60
Metal container	1	2	4	5	10	15	15	15
Plastic container	3	4	5	6	12	15	20	20
Mixed house waste	up to 3	up to 3,5	up to 6	up to 8	up to 10	up to 18	up to 20	up to 20
Wood waste	up to 1	up to 1,5	up to 4	up to 4	up to 7	up to 15	up to 10	up to 10

These specifications of the throughput are based on our experience and depends on the type of material, the material dimensions, how the material is transported into the machine as well as the technical layout of the machine.

### Complete machine for the shredding of die-casting plastic waste consisting of:

- Lifting and tilting unit for customer container
- Conveyor device in the machine funnel
- shredding machine JBF 48/50, 7,5 kW
- Conveyor belt into container
- Central machine control with integration of all machine components
- Machine with special control with sensors for recognition of the container type
- Ultrasonic level control of the container
- Additional operation panel with all buttons

