

Universal - Shredder

*More profit with
better technology*



pic.: JBF 38/50 with support frame
for 1,1 m³ container

Recycling Paper shredding Volume Reduction Energy Recovery Quality Insurance

JBF Maschinen GmbH

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Function:

The individually exchangeable, hardened knifediscs are mounted on two counter rotating steel shafts. The knife discs are mounted on the shafts with multiple keys

Due to the especially designed and precise manufactured knives the material is drawn in the machine and is cut in defined pieces..

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

...usable for:

- plastic and stell cans
- barrels, canisters
- wood, food boxes, pallets
- house waste
- metal or plastic chips
- car tires
- etc.
- glas
- industrial waste
- paper, filled file holders, cardboard boxes
- cables, electronic waste
- foils
- plastic housing, car pieces

Advantage:

- low noise, slow running and sturdy cutting unit
- bolted machine housing
- sealing of bearings against liquids, acids and dust
- fast knife exchange possible, machine is maintenance-friendly
- extremely low energy consumption
- overload protection for drive and cutting unit because of electronic torque limitation with reverse controls
- large variety of knife forms and sizes for adjustment to all kind of material
- cutting units in stainless steel

All machine are completely developed, designed and manufactured in our manufacturing facility. Different layouts and changes on the machines as well as integration of the units in already existing processes can be realized without any difficulties and according to customers' requirements.

High variations regarding the supply of the material to be shredded as well as further processing of the shredded material are possible. Additional units like lifting devices, infeed and exit conveyors, presses, press containers, suction devices, granulators etc. can be integrated in the complete plant layout and machine concept.



pic.: JBF 28/35 with support frame for 240L container



pic.: JBF 38/50 in stainless steel

Technical data:

type	cutting area in mm	driv in kW	knife width in mm	size of container max. in litres	approx. troughput			
					metal container in m ³ /h	plastic container in m ³ /h	mixed house waste in m ³ /h	wood waste in m ³ /h
JBF 28/35	280 x 350	2,2-3	8-20	20	1	3	-3	-1
JBF 35/35	350 x 350	2,2-3	8-20	30	2	4	-3,5	-1,5
JBF 38/50	380 x 500	5,5-11	15-30	60	4	5	-6	-4
JBF 48/50	480 x 500	5,5-11	15-30	80	5	6	-8	-5
JBF 54/60	535 x 600	5,5-22	15-40	120	10	12	-10	.7
JBF 60/60	600 x 600	5,5-22	15-40	120	15	15	-18	-15
JBF 61/60	610 x 600	7,5-22	20-40	150	15	15	-18	-15
JBF 100/60	1070 x 600	11-15	20-40	150	15	20	-20	-10
JBF 150/60	1590 x 600	11-15	30-40	150	15	20	-20	-10

The throughput is depending on the type of material dimensions, how the material is transported into the machines as well as the technical layout of the machine.
Additional technical information as well as diagrams on request.

Subject to technical modifications
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