

# Large universal shredders

## Applications

depending on technical layout of the machine:

- CD/DVDs, hard disks, keyboards, complete computers, carbon bands
- Paper, card boards
- Filled files
- Tins and plastic cans
- PET bottles
- Foil
- Wood, wooden boxes, pallets
- Domestic and industrial waste
- Metal and plastic chips
- Car and truck tires
- Glass
- Clothes
- Cables and electronic waste
- Plastic housing
- Car parts
- 200 l steel barrels



JBF 150/120 with feeding conveyor and hydraulic pressure device

## Technology:

Knives (universal, paper, chip knives) 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 materials and hardened. Cutting shafts can be equipped with segment knives, which can be fast exchanged and remanufactured.

The special machine design with divided frame plates allows to lift the complete knife shafts out of the machine for a quick exchange. Knives can be individually changed and when indicated can be resharpened.

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

## 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 and hydraulic 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, mills, suction devices can be integrated in the complete plant layout and machine concept.



Universal knives



Paper knives

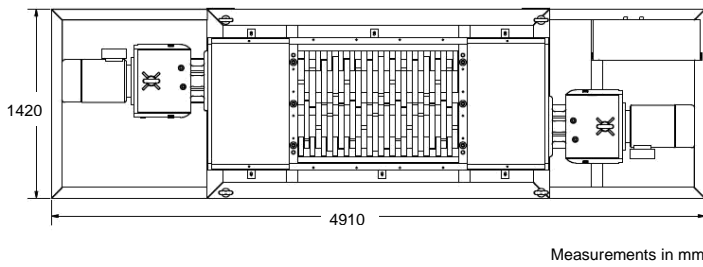


Chip knives

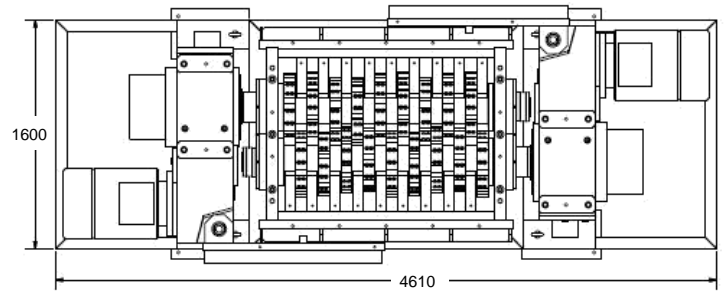


Segment knives, can be exchanged without dismantling of the cutting shafts

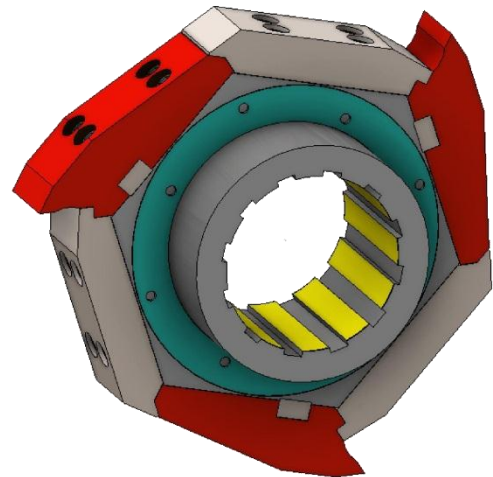
Shredding unit JBF 120/90



Shredding unit JBF 150/120



JBF 100/90 with feeding and exit conveyor



JBF 150/120 segment knives for an easy exchange without dismantling of the cutting shafts

## TECHNICAL DATA:

Type	Cutting area mm approx.	Drive kW	Knife width mm	Troughput in m <sup>3</sup> /h (approx. values)			
				Metal containers	Platic containers	mixed house waste	Wodden waste
JBF 70/68	700 x 680	7,5-30	20-100	20	25	up to 20	up to 18
JBF 85/68	850 x 680	7,5-30	20-100	25	30	up to 30	up to 25
JBF 70/74	700 x 740	7,5-30	20-100	22	28	up to 25	up to 20
JBF 100/90	1000 x 900	22-60	40-150	50	60	up to 60	up to 50
JBF 120/90	1200 x 900	30-60	40-150	60	70	up to 70	up to 60
JBF 150/90	1500 x 900	30-60	60-150	80	100	up to 100	up to 80
JBF 170/90	1700 x 900	30-60	60-150	90	110	up to 110	up to 90
JBF 150/120	1500 x 1200	60-150	60-150	90	110	up to 120	up to 100
JBF 170/120	1700 x 1200	60-150	60-150	110	120	up to 140	up to 120
JBF 200/120	2000 x 1200	60-150	90-150	120	140	up to 160	up to 140
JBF 220/120	2200 x 1200	60-150	90-150	140	150	up to 170	up to 150