universal shredding machines

Field of application
depending on the machine type:
- CD’s, computer hard drives and boards, carbon tapes
- paper, card board, 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.

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 hopper to prevent an unauthorized operation of the cutting unit.
Emergency stop on the switch cabinet

Equipment
Manual pressure device and hopper cover sheet, alternatively with limit switch control.
Infeed and output 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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The shown machines are equipped with hopper cover sheet (additional equipment).
Technical changes and colour variances reserved.
Example:
Complete machine for the shredding of die-casting plastic waste for volume reduction consisting of:

- Lifting and tilting unit for customer container
- Conveyor device in the machine hopper
- 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 display and all buttons for the machine operation