

## CHIPS COMPRESSION UNITS

### HIGH DENSITY AND VERY LOW MOISTURE LEVEL

Chips compressing units for ferro and non-ferro metals. The pucks have a density up to 85% and a de-oiling level lower than 1% of the weight.

### TWO CYLINDER PRESS SYSTEM

Our compressing units work according the two cylinder principle where the chips will be pressed from both sides. This technique gives a higher pressure on the material than by the classic way of pressing against a wall. An additional advantage of this technique is the low wear out.

Advantages of pucks by further processing are logistic savings, lower material loss / lower energy cost by melting.

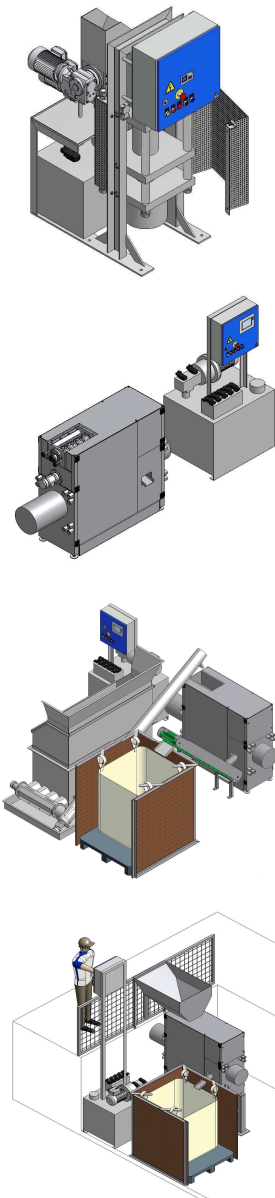
### COMPACT DESIGN

Because of the compact and low design of the unit it is possible to put the unit directly under the chips discharge point or in the neighbourhood of the processing machine.

### PARTS OF A CONFIGURATION CAN BE:

- auger box
- dosing auger for press
- shredder
- press
- support for raised position of the press
- hydraulic unit
- oil /coolant drip pan with a discharge pump
- filtration unit
- control system
- puck conveyor
- loading station for big-bags or containers





## ADVANTAGES OF COMPRESSING

- volume reduction
- lower production costs
- higher profits of the chips
- lifetime of oil/coolant substantial extended
- lower material loss by melting
- lower energy cost by melting
- logistic savings
- space savings during storage
- cleaner work area
- easy to maintain

## CAPACITY

The mentioned power consumptions and capacities are indicative. Capacities, density and de-oiling level always depends on the type and material of the chip. After testing we can inform you about what you really can expect.

## SPECIALS

Our engineers can provide you with custom made solutions.

## SCOPE OF SUPPLY

Main data of our compression units are listed below:

Type	<b>MIKRO</b>	<b>MINI</b>	<b>MIDI</b>	<b>MAXI</b>	<b>SUPER</b>	<b>JUMBO</b>
Capacity aluminium	30 kg/h	100 kg/h	150 kg/h	240 kg/h	370 kg /h	530 kg/h
Capacity steel	100 kg/h	300 kg/h	450 kg/h	700 kg/h	1100 kg /h	1600 kg/h
Capacity per hour	144 pucks	180 pucks	180 pucks	180 pucks	180 pucks	180 pucks
Diameter cylinder	150 mm	200 mm	240 mm	300 mm	380 mm	450 mm
Diameter puck	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm
Max. height puck	50 mm	80 mm	80 mm	80 mm	80 mm	80 mm
Oil pressure	400 bar	400 bar	400 bar	400 bar	400 bar	3600 bar
Pressure puck	3600 kg/cm <sup>2</sup>	3800 kg/cm <sup>2</sup>	3600 kg/cm <sup>2</sup>	3600 kg/cm <sup>2</sup>	3700 kg/cm <sup>2</sup>	3600 kg/cm <sup>2</sup>
Oil tank	60 l	300 l	500 l	800 l	1250 l	1800 l
Hydraulic pump	5,5 kW	15 kW	22 kW	37 kW	45 kW	75 kW

