

Presses for metals chips

Briquetting presses iSwarf 440 and 550

Output range of this presses: 60-600 kg/h (aluminium chips) 130 – 1000 kg/h (cast iron chips)



Characteristic:

- modular design together with a combination of power input, tool diameters and specially designed press equipment can meet a wide range of customer requirements for performance, briquette quality and automation of operation
- patent protection of the hydraulic system with the possibility of future increase in performance or pressing pressure
- processes chips from machining mainly aluminum, but also steel, cast iron, grinding sludge and other non-ferrous metals
- low installed power input

Briquetting press iSwarf 800

Output up to 1 400 kg/h aluminium chips, 2 200 kg/h (cast iron chips)

Characteristic:

- unique, patent-protected press with very low power consumption – 0.02 W per 1 kg of aluminum chips
- due to the machine's power, the machine can be adapted to a separate hydraulic unit
- high level of machine status diagnostics, which allows the press status and types of possible failures to be identified, which significantly speeds up the removal of the defect and the press's return to operation.



Briquetting press iSwarf 50

Output up to 20 - 40 kg/h aluminium chips, 70 - 90 kg/h (cast iron chips)



Characteristic:

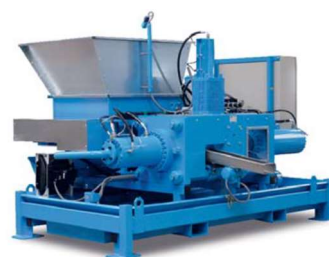
- Unique, patent-protected compact small press, suitable for direct connection under the conveyor of a machine tool or as a separate device with manual filling
- simple machine design
- modular crusher of long chips is supplied as individual equipment of the press hopper
- suitable for both small establishments and large workshops
- presses chips from machining of steel, cast iron and non-ferrous metals, especially aluminum
- press operation can be connected to the operation of a machine tool

Briquetting presses BrikStar M, MD

Output range of this presses: 30-350 kg/h (aluminium chips), 100 – 800 kg/h (cast iron chips)

Characteristic:

- modular robust construction together with a combination of power inputs, tool diameters and equipment can meet a wide range of customer requirements for performance, briquette quality, automation of operation for pressing materials requiring high pressure
- press chips from machining cast iron, steel, non-ferrous metals and grinding slurries.
- pressing takes place in a cylindrical die closed on both sides by pressing tools that move against each other, which guarantees high and uniform pressing of the briquette



Other production equipment designed not only for briquetting lines

Tilting device VZ 800, 1500

Device for automatic and safe tipping of trolleys or containers



Characteristic:

- universal tilting device, which can be supplied not only in connection with a briquetting press
- meets demanding safety requirements
- tipping of containers is automatic in connection with the requirements of the technological line
- low power consumption, saves labor and fuel
- maximum load capacity 800 - 1200 kg,
- adapter for attaching containers and tipping height is indiv. up to max. approx. 4 m

Screw conveyors 1SN, 2SN, 4SN

Conveyors for different materials, different design

Characteristic:

- universal conveyors with one or two screws for various materials
- we produce according to individual requirements tubular or trough structures
- we supply to our briquetting lines, but also as a subcontract for other technological lines



Ripper ARTEP 150, 300, 450

For ripping of long swarfs and cocons



Characteristic:

- unique patented design with very low power consumption
- the ripper is capable of processing aluminum, steel or stainless steel long chips and lumps including lump material, which it can partially separate
- low power consumption, depending on the design and crushed material, max. 4 kW at a crushing capacity of 800 kg/h
- specially designed movements of the crushing segments and the separation screen
- possibility of manufacturing the device according to individual requirements

We design and implement complete technological lines, according to individual customer requirements, for which we manufacture or purchase many other production and additional equipment.

Manufactured:

- various types of hoppers with material ejection for various loose, less loose, wet materials
- vibrating screeners, collection tanks for leaking liquids, including their automatic pumping, software for machine control, complete technological lines, safety bridges, pedestals and other steel structures, containers for chips during machining and for other materials

Purchased and implemented by us for the given use:

- magnetic separators, scales for filling big bags or other containers, belt filters for pressed liquids

