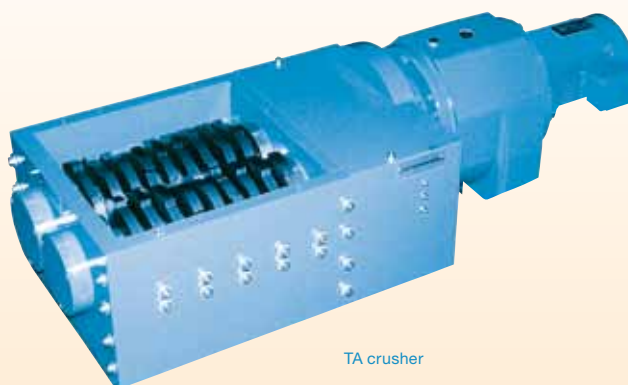
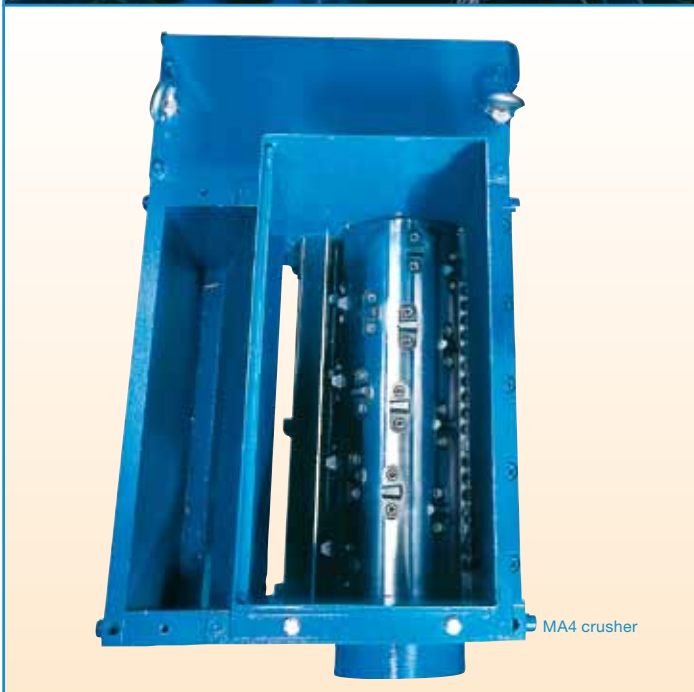


SWARF CRUSHERS

The first step towards economic processing of
metal chips and swarf



TA crusher

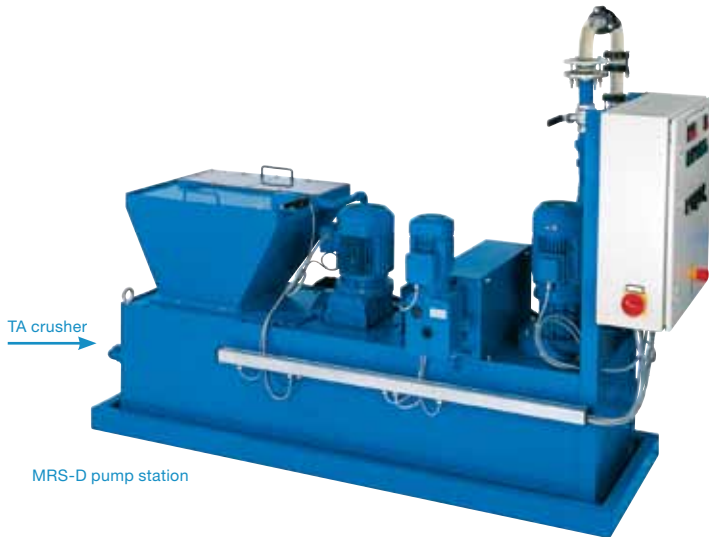


MA4 crusher



MAYFRAN Swarf-Crushers

A versatile product range ...



TA CRUSHER



The island solution for 1 - 3 machine tools

2-roll crusher, installed in the machine pump station and designed for hard and brittle materials. Suited for small quantities which are fed continuously. Compact design with over-dimensioned bearings, shafts and coupling.



Aluminium chips



Crushed chips

MA CRUSHER

New MA 4 Crusher

The patented single roll crusher with automatic ejection of tramp parts. Particularly suited for use in pump stations for chips and coolant. Compact and solid design offering the high quality features of Mayfran equipment.



Reasons for chip crushing

- Lower transport volume (up to 15 % of the original volume can be achieved)
- Size reduction of swarf for subsequent centrifugation (drying of chips) and recovery the coolant from the chips
- Size reduction of chips for handling in over the floor-mounted return pump systems for the transport of chips and coolant
- Size reduction of the chips to feed them into briquetting presses

... as single units or systems solutions

... from one source



The advantages of the Mayfran chip crushers

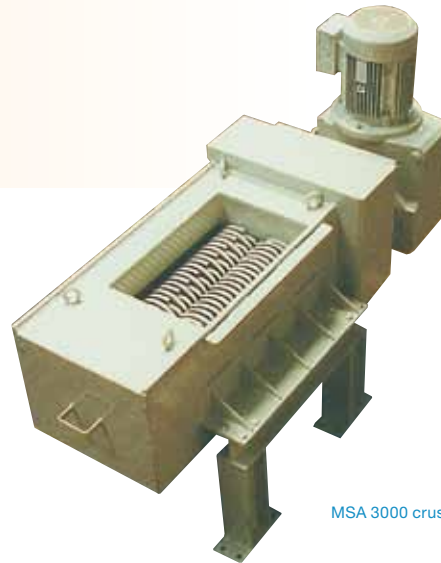
Mayfran chip crushers

- ... operate in automatic mode
- ... are easy to service and repair due to over-dimensioned bearings, shafts and couplings
- ... which lead to an extended service life

MSA SYSTEM CRUSHER

The "big brother" of the TA series

with automatic tramp part ejection is designed for very large clusters of hard and brittle swarf.



MSA 3000 crusher



VC crusher 600 and 1200

VC-CRUSHER

For the intermittent (batch) chip supply

Larger bundles of swarf can be dumped directly into the crusher for processing. The crusher with vertical grinding gear (normal or fine) is especially well suited for the size reduction of tough material and may be equipped with automatic coarse part ejection.

| Material | Specific weight t/m ³ | Max. throughput** for chip crusher kg/h | | | | | | | | | | |
|-----------|----------------------------------|---|------|------|------|-----|----------|----------|--------|--------|--------|---------|
| | | TA3 | TA4 | MA3 | MA4 | MA5 | MSA 3000 | MSA 4000 | VC-400 | VC-600 | VC-800 | VC-1200 |
| Steel | 0.3 | 360* | 600* | 140* | 240* | 600 | 700 | 1500 | 400 | 1200 | 2400 | 8000 |
| V2A steel | 0.3 | depending on tests | | | 300 | 400 | dep. | 80 | 200 | 600 | 1200 | 4000 |
| Aluminium | 0.08 | 90* | 150* | 35* | 60* | 200 | 175 | 400 | 135 | 400 | 800 | 2700 |

* For chips crushed to pumpable size (< 5 mm), this value is reduced to 1/6. ** All values depend on size, shape and comminution degree of the chips.

Worldwide on your side



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