

## Turning metal chip briquetting and recycling into profit

### Always one idea ahead...

**Now and in the future.** Höcker Polytechnik has been developing ventilation systems for industrial facilities and workshops since 1962 – ranging from mobile dust extractors to large filter plants with capacities of more than 600,000 m<sup>3</sup>/h.

**Don't be satisfied, ever.** We never stop developing our technologies. With our experience from more than 50 years of research and development, we are creating systems that satisfy our customers by maximising energy efficiency, operational safety and reliability. Höcker systems combine practical technical innovations with proven plant engineering.

**Listen and give it some thought.** We will advise you. With pleasure. And thoroughly. Our sales engineers are always ready to answer any questions you may have about design, supply and installation. On site with you, we look for the most economical and effective solution for your needs.

**Ready to use.** The system is installed – the Höcker Polytechnik installation team leaves the scene. You can reach us at almost any time of the day or night, also after our engineers have commissioned the system – because only properly functioning systems ensure smooth production processes. For this reason, we have a dense customer support and service network. We are always there where you need us.

Your Höcker Polytechnik Team

### HÖCKER POLYTECHNIK. Briquetting

Mr Daniel Börger is your expert partner for metal briquetting. He is an expert with extensive experience in the metal industry and in plant building and mechanical engineering. He has been involved in the technical development of our metal briquetting presses for more than 10 years and will also find the right solution for your application. Talk to him.



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### Briquetting press BrikStar MD

**This premium briquetting machine for your metalworking** processes the machining swarf of aluminium, non-ferrous metals, cast iron, cast steel and a few other steel grades; it also feeds coolants and lubricants back into the production cycle. This protects the environment, saves money and creates particularly high-quality briquettes.

### Added value through briquetting

Innovative chip recycling will increase profits from your recyclable materials, minimise the cost of oil and lubricants disposal and simplify many logistics processes.

This way your HÖCKER POLYTECHNIK briquetting press can quickly yield a profit. Based on proven practical examples, we can calculate your specific amortisation schedule. So your investment in a metal briquetting press soon turns a profit for your business.

### Amortised after only 2 years

Hundreds of BrikStar briquetting presses are in use worldwide and across all sectors – also in your industry. Using practical calculation examples, we would like to show you how you can save money with a HÖCKER POLYTECHNIK briquetting press from day one.

It often takes less than two years for the BrikStar to break even on your investment. Then your company will profit from every metal chip and every drop of oil.



## BrikStar iSwarf - the flexible solution

Metalworking often produces large amounts of waste products such as metal chips and shavings, whose value is not recognised or exploited. This waste material is usually disposed of at great cost due to the high proportion of cooling lubricants or the proceeds from selling the scrap are negligible. However, this waste can be optimally used in a high-performance briquetting press from HÖCKER POLYTECHNIK. The BrikStar iSwarf 440 and 550 briquetting presses provide the ideal solution when it comes to the processing of short, loose metal chips left over from the machining of non-ferrous metals, steel and cast-iron parts or other metals such as aluminium and magnesium.



### Reduce oil and lubricant costs

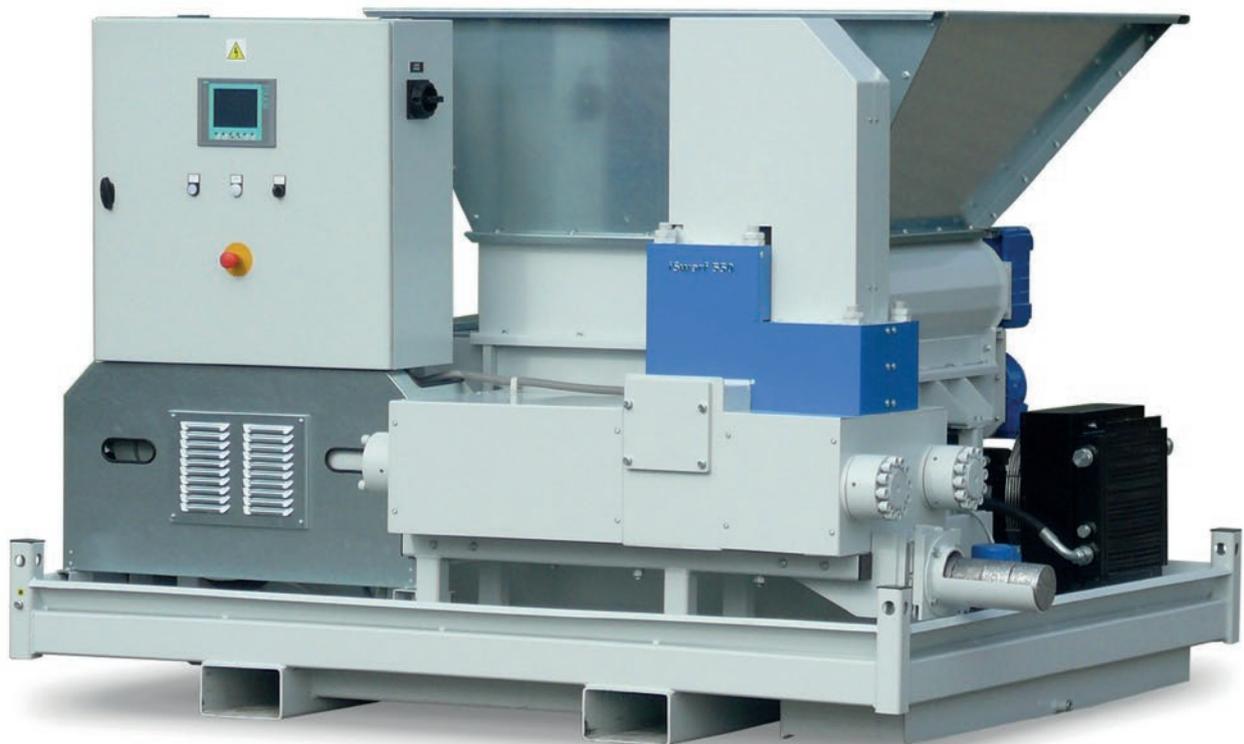
In the briquetting process, chips are separated from cooling lubricants or cutting oils. These oils can be cleaned immediately and re-circulated into the operating cycle. A major cost factor is eliminated as savings of up to 95 percent on cooling lubricants or cutting oils can be achieved through the recycling.

### Additional revenues by briquettes

The resulting waste products from the production process are compressed into compact and convenient briquettes. Considerable additional revenue can be generated through the sale of these briquettes.

### Cut logistics costs

The recycling and reusing of waste products also result in substantial savings in the area of internal logistics; this translates into savings in transportation costs, better utilisation of container capacity and the elimination of unnecessary storage containers.



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**POLYTECHNIK**

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