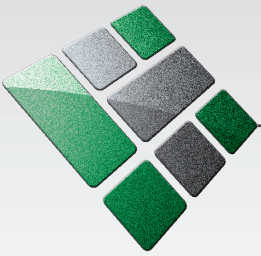




FORMIKA

COMPACT | MOBILE | FLEXIBLE





RUF BRIQUETTING SOLUTIONS

LOW COST SYSTEM FOR SMALL THROUGHPUTS

The principle

The Formika has been designed for the metalworking fields to briquette small chip quantities. Here, the priority is to reduced volumes with a compact, low cost system. This is in contrast to the RUF Series that can process high or very high throughputs under high or very high briquetting pressures.

The Formika can be linked directly to the machining centre's chip chute, so the centre can run unattended 24/7. As a standalone system, this presents an interesting solution for metalworking companies generating only small chip volumes.

Chips and briquettes

This system processes wet or dry short broken chips up to 30-50 mm in length, depending on the chip geometry. Sporadic chips of greater length, wet or dry, are also processed. The system has been designed specifically for aluminium and steel, yet it can also process stainless steels. A briquetting test is always recommended for your material. Other metals can be tested as well.

The densities of the generated briquettes vary with the alloying elements and chip geometry and can be as high as 2 kg/l for aluminium and 5 kg/l for steel. Liquid fractions are separated, collected, and pumped off inline.

The machine

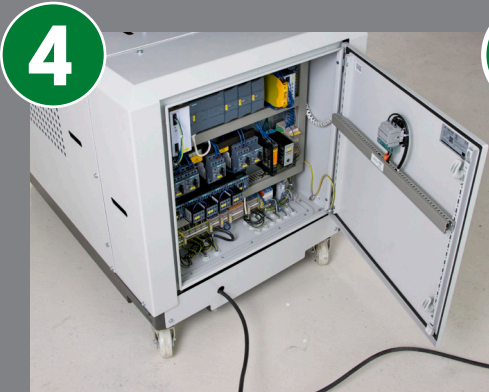
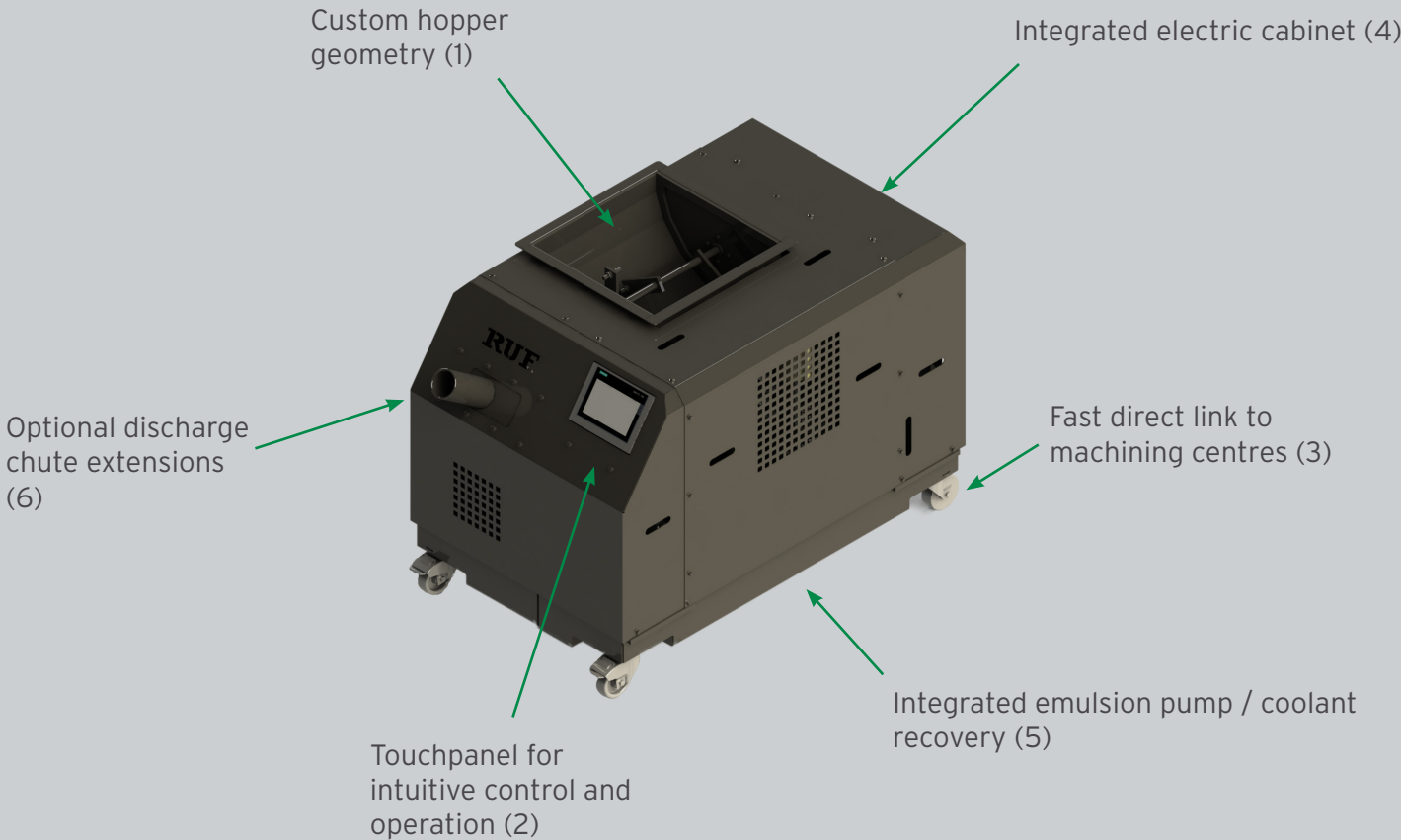
The Formika combines a compact, low design with castor mobility. The electrical cabinet is fitted as standard.

It is shipped ready to run, together with many options in the package. These always include, for instance, a drip pan and a emulsion pump for extruded liquids. Likewise shipped is a touchpanel presenting an intuitive user interface and potential free contacts for signal communication with linked machining centres. The hopper height and capacity can be customised, as well as the length of the briquette chute.

The Formika is a quality product whose main components are made in Germany and manufactured exclusively at the RUF plant in Zaisertshofen.



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MAXIMUM CAPACITIES*	
Aluminium	40 kg/h
Steel	100 kg/h
Cast iron	100 kg/h

PERFORMANCE DATA	
Max specific briquetting pressure (kg/cm ²)	1300 at 300 bar
Power (kW)	2.2
Briquette size (mm)	60 Ø
Measurements (m): length x width x height	1.3 x 0.8 x 0.9
Weight (kg)	650

* Varies with the bulk density of the material. A briquetting test is always recommended.

 **Briquetting requirements: Short broken chips**

Formika benefits

- ▶ Facility for a direct link to machining centres
- ▶ Fits under nearly all chip chutes
- ▶ Also suitable as standalone
- ▶ Custom hopper geometry
- ▶ Heavy duty castors for mobile applications
- ▶ Optional discharge chute extensions
- ▶ Intuitive user interface on touchpanel

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