

Mechanical Briquetting Presses

Technical specifications



BP2510, BP3210, BP4010, & BP5000

This is our group of smaller to medium briquette presses designed for customers with an annual production demand of 800 to 7000 tons of industrial briquettes.

They are well suited for the production of briquettes from dust like MDF, any kind of dry wood waste and other biomass products.

Strong and reliable machines

They are strong and reliable mechanical presses designed for automatic 3-shift operation. All vital parts are integrated in the strong machine frame and protective housing. The BP4010 and BP5000 models are furthermore fixed to a heavy, steel reinforced concrete block and the flywheel is well balanced to reduce vibration- and noise level for smooth operation. We have reduced the friction and increased the working efficiency considerably by using roller bearings in all rotating parts.

Control systems with PLC
They come with Siemens PLC for automatic operation and the functional BBCS, Basic Briquetting Control System including a 5.7" multi-color monitor with user-friendly touch screen operation. It is possible to monitor, operate or search for failures and even to reprogram the PLC-function via an internet connection.

Automatic operation

The automatic version presses are suitable for companies with limited silo capacity. The advanced control system will start up the press, based on signals from level sensors in the silo and it will automatically stop the press again just before the silo is empty.

Piston and die system

A simple and efficient piston and die system guarantees a perfect quality of the briquettes under all circumstances. A die cooling system is also available and recommended if the press has to be used for pressing abrasive materials or for production of consumer briquettes.

Besides briquetting presses, we produce other machines and equipment for waste extraction, dosing, sawing and packaging. We cooperate with suppliers of shredders, drying equipment and other machinery and equipment for turnkey solutions.

To choose the right press we need to know:

- Type of raw material: waste, wood, agricultural, or other biomass
- Amount of raw material
- Required diameter of the briquettes
- Requirements and utilization for the briquettes

The specification below will guide you to select the right briquetting press for your needs.



Specifications	BP 2510	BP 3210	BP 4010	BP 5000
Briquette Size	Ø40-50mm	Ø60mm	Ø60mm	Ø75mm
Main Motor	22 kW	22 kW	30 kW	37 kW
Capacity Range - Industrial	150-350 kg/h	400-600 kg/h	500-750 kg/h	800-1200 kg/h
Capacity Range - Consumer	Data on Request	Data on Request	500-650 kg/h	700-1000 kg/h
Weight	Approx. 2300 kg	Approx. 3500 kg	Approx. 4.900 kg	Approx. 5000 kg
Dimensions LxWxH (m)	2,3 x 1,2 x 1,7	2,3 x 1,3 x 1,2	2,9 x 1,4 x 1,4	2,9 x 1,4 x 1,4
Control System - Standard	BBCS	BBCS	BBCS	BBCS

*Capacities are estimates, depending on many factors such as the raw materials bulk density, particle size and moisture content as well as the density requirements for the briquettes.