

Mechanical Briquetting Presses

BPU3200/4000/5000/5510/6510

Our Plug'n Press Units include a mechanical briquetting press with a small buffer silo 0,4m³, dosing screw, touch screen control panels and cables. The range has now been extended with our bigger models. the BP5510 and 6510 series.

The BPUs are equipped with the BBCS (Basic Briquetting Control System) based on a Siemens PLC and a multi color touch panel. ABCS (Advanced Briquetting Control System) are optional.

It is possible to monitor, operate or search for failures and even to reprogram the PLC-function through an internet connection. All operation texts and failure notices can be shown in up to 16 languages. The log function is an important tool for analyzing and improving the briquetting process.

The Plug'n Press Units are suitable for companies with medium to large demand for production of industrial briquettes or consumer briquettes. They are strong and reliable mechanical presses designed for automatic 3 shift operation.

Our units can produce high quality briquettes based on various raw materials like wooden waste, MDF dust, and other types of biomass. The moisture level of the raw material should be 6-16% for industrial briquettes and 10-12% for consumer briquettes.



Technical specifications



Main Features and Benefits:

- Compact unit including briquetting press, buffer silo, dosing system and control panel
- Flexible die system
- Optional mixer for adding moisture to the raw material
- Easy running in - factory tested with your raw material
- Easy installation - ready for start up
- Easy to move to another location
- Sturdy design - suitable for running 3 shift operation
- Easy to service and low maintenance costs

Specifications	BPU 3200	BPU 4000	BPU 5000	BPU 5510/HD	BPU 6510/HD
Briquette Size	Ø60 mm	Ø60 mm	Ø75 mm	Ø75 mm	Ø90 / Ø100 / 75x75 mm
Main Motor	22 kW	30 kW	37 kW	45/55 kW	55/75 kW
Capacity Range	400 - 600 kg/h	500 - 750 kg/h	700 - 1200 kg/h	900 - 1400 kg/h	1000 - 2300 kg/h
Dimensions L x W x H (m)	2,3 x 1,3 x 2,2	2,9 x 1,4 x 2,6	2,9 x 1,4 x 2,6	3,8 x 1,75 x 3,0	3,8 x 1,75 x 3,0
Weight	App. 4100 kg	App. 5500 kg	App. 5600 kg	App. 5500 kg	App. 6600 kg

*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.