

Briquetting Press

BP 5500 automatic & BP 5500 HD



BP 5500 is a mechanical briquetting press for companies with a large demand for production of industrial or consumer briquettes. It is a sturdy and reliable press. The standard version is designed for semi-automatic operation until 24 hours per day with only a few stops. Such presses are often connected to a large silo with automatic discharge system.

BP 5500 automatic is suitable for unmanned production of industrial briquettes at installations with limited silo capacity. It's Siemens PLC-control will automatically start up the press as soon as the level sensor of the silo indicates that material is available. The press stops automatically just before the silo is empty. A modem for remote fault inspection and reprogramming is available.

The highest possible capacity for a variety of raw materials also with very low density is secured by fitting the BP 5500 with two compression screws. This principle will also distribute the wear and tear far more evenly across the screws, piston and dies.

Technical Specifications

Briquette size	Ø75/Square 65x65 mm
Main motor	45/55 kW
Weight appr.	5500 kg
Central lubrication	Crosshead/bearings
Capacity range	900-1400 kg/h*
Dim. (BxHxL)	1700x1550x2850 mm

*Capacity is dependant upon raw material

The BP 5500 has a very strong machine frame. The two heavy flywheels and all vital parts have been integrated in the frame and the protective sheet metal casings for protection and easy cleaning. Base for the unit is a steel reinforced concrete foundation to secure steady operation.

An HD version is available for pressing of abrasive raw material with a high content of dirt, grinding dust etc. The compression screws for the HD version are coated with a layer of hard-metal. An advanced die system with round and square dies for various applications is available for the BP 5500.

Among the latest developments are new touch screen control panels that are optionally available. Another new feature included in square briquetting lines is the easy start system based on feeding grain into the raw material before stopping the press.

Features & Benefits:

- Sturdy design
- Low vibration level
- High capacity
- Flexible die system
- Advanced PLC control system

A large range of accessories such as automatic briquette saw and cutter as well as automatic packing solutions are available.

Please contact us for a solution to your briquetting needs or visit www.cfnielsen.com for further details.

