

Briquetting Press

BP 6000 automatic & BP 6000HD



The BP 6000 HD mechanical briquetting press is for the professional manufacturer with a large demand for production of mainly consumer briquettes. It is a sturdy and reliable press available in two versions with difference only in the electronic control system.

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.

The BP 6000 HD automatic is very suitable for unmanned production of industrial briquettes at installations with limited silo capacity. It's Siemens PLC-control can be set on automatic in order to automatically start up the press as soon as the level sensor of the silo indicates that material is available at a certain level in the silo. The press stops automatically just before the silo is empty. It is also possible to integrate a modem for remote fault inspection and reprogramming performed by our service engineers.

Technical specifications	
Briquette size	Ø90/Square 75x75 mm
Main motor	55 kW
Weight appr.	5800 kg
Central lubrication	Crosshead/bearings
Capacity range	1200-1800 kg/h*
Dim. (BxHxL)	1170x1550x2850 mm
* Capacity depends on the raw material	

The BP 6000 HD has an extremely strong machine frame made of special steel. The two heavy, balanced flywheels and all vital parts been integrated in the frame or the protective sheet metal casings that give the press a streamlined look and ensures easy cleaning of the unit. Base for the unit is a steel reinforced concrete foundation to secure a steady operation with a low vibration level.

An advanced die system with round and square dies for various applications is available for the BP 6000 HD. We also offer a solution for making briquettes with a centric hole. High capacity in all kinds of raw material is assured by the double feeding system, which guarantees complete filling of each piston stroke due to 2 compression screws made of special alloy steel with advanced wear resistant coating for HD performance.

Features & Benefits:

- Sturdy design
- Low vibration level
- High capacity
- Flexible die 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.

