

Briquetting Press

BP 6500 HD with ABCS



The mechanical briquetting press BP 6500 HD is equipped with ABCS (Advanced Briquetting Control System) and touch screen operation system. It is mainly suitable for professional briquetting plants producing consumer briquettes. The BP 6500 HD is a very strong press with Reinforced bearing system and Advanced Briquetting Control System that allows internet access through its own IP address.

The ABCS makes it possible to monitor, operate, search for failures and even to reprogram the plant through an internet connection. The unit includes all operation texts and failure notices in up to 16 languages. The log function is an important tool for analysing and improvement of the briquetting process.

The BP 6500 HD is equipped with a Siemens PLC-Control System to operate the different functions.

The BP 6500 HD press is suitable for semiautomatic working up to 24 hours per day with only a few stops. The expected production capacity for consumer briquettes is 1000-1500 kg/h

Technical Specifications

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|---|---------------------------------------|
| Briquette size | Ø90/square 75x75 mm with/without hole |
| Main motor | 55 kW |
| Weight, appr. | 5800 kg |
| Central lubrication | Crosshead/bearings |
| Capacity range | 1000-1800 kg/h* |
| Dim. (BxHxL) | 1700x1660x3050 mm |
| *Capacity is depending on raw material and briquette size | |

and max. 1800 kg/h for industrial briquettes. The press stops automatically before the silo is empty.

The press BP 6500 HD has a very strong frame made of special steel. The two heavy flywheels as well as all essential parts are integrated on the frame and the metal housing. This gives the Press a modern look and enables an easy cleaning of the press. The foundation of this unit is steel reinforced concrete which secures a safe operation with low vibration level.

A state of the art piston and die system for different types of briquettes is also available for the BP 6500 HD. We also offer a solution for production of briquettes with centre hole. The double feeding system secures a high capacity through the 2 compression screws made of special alloy steel with a high wear resistance. The 2 screws secure an steady supply of raw material for every stroke of the piston.

Functions and advantages:

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

