

Briquetting Press

BP 4000 & BP 4000 automatic



C.F. Nielsen

The BP 4000 is a heavy built medium size mechanical briquette press for companies with 2000 to 4000 tons of raw material per year. It is suitable for production of briquettes from dust like MDF, any kind of dry wood waste and other biomass products.

The standard version of the BP 4000 is designed for semi-automatic operation around the clock - typical for customers with large silo capacity, whereas the BP 4000 automatic is suitable for customers with smaller silo capacity. The control system will start and stop the press automatically a number of times during the day in order to keep the silo almost empty.

It is possible to install a text message system that in case of disturbances will inform the serviceman about any pending problem with the briquetting system. A modem system can be integrated to enable our service engineers to make remote fault checking and reprogramming of the PLC system.

The BP 4000 press has a strong

Technical Specifications	
Briquette size	Ø60 mm
Main motor	30 kW (man./aut.)
Weight appr.	3700 kg
Central lubrication	Crosshead/bearings
Capacity range	600-750 kg/h*
Dim. (LxWxH)	2850x1350x1350 mm
*Capacity is depending on raw material	

machine frame made of special steel. All hydraulic hoses and other vital parts have been integrated in the machine frame for maximum protection. This design gives the press a light and elegant look and the cleaning has become easier. The heavy flywheel has been balanced in order to ensure steady operation without unnecessary vibrations.

The die system of the BP 4000 range is produced in special steel and hardened for to secure an extended lifetime and high quality of the produced briquettes. For production of consumer-type briquettes and for any abrasive raw material it is recommendable to equip the press with oil and die cooling system.

Internal roller bearings have been used in the BP 4000 to reduce friction and in this way achieved great efficiency and high capacity, considering that the size of the main motor is only 30 kW.

Features & Benefits:

- Ideal for briquetting of dust
- Advanced control system
- Flexible die system
- Low vibration level

A large range of accessories such as dosing silos with frequency controlled feeding screws, briquette breaker, fuel-puck maker and a mixer for adding water to dry raw material etc.

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

