

Briquetting Solutions

BPE Shimada Extrusion Briquetting Press



C.F. Nielsen A/S

C.F. Nielsen now offers the new BP Shimada Extrusion Briquetting Press to complement the product range of Mechanical and Hydraulic Briquetting Presses.

The BPE Shimada Extrusion Briquetting Press is sold for medium sized professional users and most types of wood and agricultural based raw materials can be used without adding a binder.

The briquettes are typically used as consumer briquettes/logs for fireplaces and wood burning stoves. The briquettes are normally produced in a size of 65x65 mm with a length of 200 mm. Other sizes are optional.

The BPE SHIMADA is a briquetting press specialized in producing very dense biomass briquettes, which can also be carbonized.

In order to produce a good briquette on the BPE Shimada Briquetting Press you will need a moisture content of 6-8% and particles between 2-6 mm.

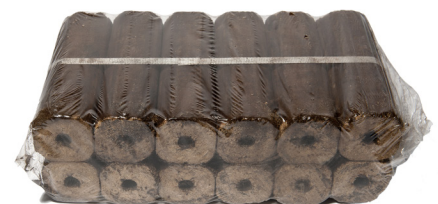
The Press is mounted on a base frame with 45 kW motor and

drive assembly and includes a 1.1 kW automatic screw feeder with variable speed control and Electrical Control panel and locking spanner. All fully pre-wired and test run prior to shipment. The press is delivered with an interconnecting smoke hood and a saw. Other options are available.

The dies and the tooling include Press Pipe Heat Tube, 3 Bushes (Taper Tungsten, SUS and FCD Tempered), Change Guide Pipe, Fixed Guide Pipe, Negative Taper Screw, Positive Screw, Draw Rod, Washers, and 2 Electric Ceramic Heater Bands.

Main Features and Benefits:

- Compact press with saw
- Can be delivered as stand-alone or unit including briquetting press, buffer silo, dosing system and control panel
- Easy installation and start up
- Very dense and strong briquettes
- Possible to carbonize briquettes
- 3-5 shift operations



Specifications	Mechanical screw press
Briquette dimension nominal	65x65x200mm
Main Motor	45kW
Capacity	500kg/h
Size	L1960xW760xH1330
Weight	Approx. 1.010kg