

HYDRAULIC BRIQUETTING PRESSES

Industrial wood-waste densification solutions for compact, consistent and easy-to-handle briquettes.



BM50 | BM200 | BM450 | BM850

HC WoodTech supplies durable hydraulic briquetting equipment for wood-processing residues and other powder materials. Electrical and control configurations can be customized for the destination market.

PRODUCT OVERVIEW

Hydraulic Briquetting Equipment

The BM series uses high-pressure hydraulic compaction to convert loose powder materials into dense briquettes. A powered hopper supports stable feeding, while the outlet length can be adjusted to meet different handling and storage requirements.

Equipment details



Hydraulic pressure



Adjustment control



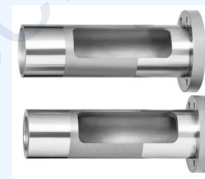
Safety disconnect



Hydraulic cylinder



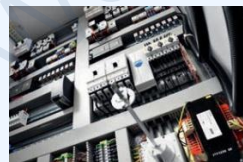
Pressure sensor



Drive component



Electrical cabinet



Control panel



Hydraulic valve block



Control cabinet



Briquette outlet



Hydraulic cooler

BRIQUETTING PRESS SERIES

BM50 Briquetting Press

Compact briquetting press for low-volume and pilot-scale wood-waste processing.



KEY FEATURES

- High-pressure compaction of wood waste into dense briquettes.
- High-reliability hydraulic cylinders and hydraulic system.
- Powered hopper supports consistent feeding and helps avoid bridging.
- Adjustable briquette length.

TECHNICAL DATA

SPECIFICATION	VALUE
Model	BM50
Capacity	40-55 kg/h
Power	5.5 kW
Weight	900 kg
Dimensions	1600 x 1400 x 1400 mm
Compatible materials	Wood powder; PET powder; paper pulp

BRIQUETTING PRESS SERIES

BM200 Briquetting Press

Mid-range hydraulic briquetting press for regular industrial production.



KEY FEATURES

- High-pressure compaction for reliable briquette formation.
- Robust hydraulic cylinders and power system.
- Powered hopper supports stable and continuous material feeding.
- Adjustable briquette length for flexible material handling.

TECHNICAL DATA

SPECIFICATION	VALUE
Model	BM200
Capacity	150-210 kg/h
Power	11 kW
Weight	1400 kg
Dimensions	2600 x 2100 x 1600 mm
Compatible materials	Wood powder; PET powder; paper pulp

BRIQUETTING PRESS SERIES

BM450 Briquetting Press

Heavy-duty briquetting press for higher-throughput wood-processing residue recovery.



KEY FEATURES

- High-pressure compaction for dense, consistent briquettes.
- Heavy-duty hydraulic cylinders and hydraulic system.
- Powered mixing hopper supports stable feeding and reduced blockage risk.
- Adjustable briquette length for different downstream requirements.

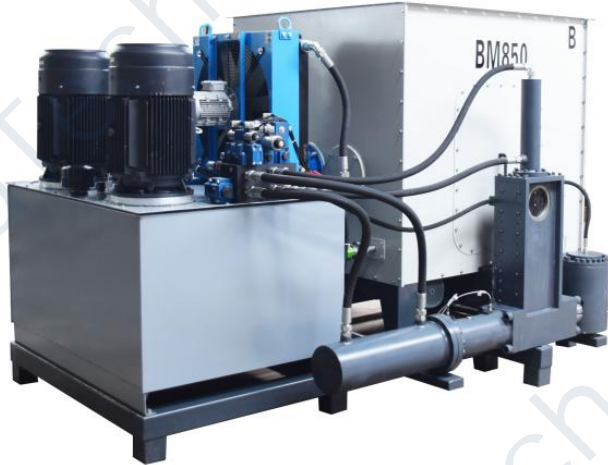
TECHNICAL DATA

SPECIFICATION	VALUE
Model	BM450
Capacity	400-550 kg/h
Power	22 kW
Weight	2100 kg
Dimensions	3500 x 2300 x 1600 mm
Compatible materials	Wood powder; PET powder; paper pulp

BRIQUETTING PRESS SERIES

BM850 Briquetting Press

High-capacity hydraulic briquetting press for large-scale residue densification.



KEY FEATURES

- High-pressure compaction for demanding industrial applications.
- High-reliability hydraulic cylinders and hydraulic power system.
- Powered hopper supports consistent feeding at higher throughput.
- Adjustable briquette length for storage, transport and fuel handling.

TECHNICAL DATA

SPECIFICATION	VALUE
Model	BM850
Capacity	800-1000 kg/h
Power	44 kW
Weight	3500 kg
Dimensions	3500 x 2800 x 1900 mm
Compatible materials	Wood powder; PET powder; paper pulp

FEED MATERIALS

Briquetting Materials

The BM series can be configured for different powder materials. The actual capacity depends on the material type, moisture content, particle size and bulk density; final model selection should be confirmed against the customer's feedstock and required hourly output.



Selection information required

- Material type: wood powder, sawdust, sanding powder or other residue.
- Target throughput in kg/h or tons/h.
- Material moisture content and approximate particle size.
- Available electrical supply and preferred briquette dimensions.

HC WoodTech
Solid wood machinery and industrial processing solutions
www.hcwoodtech.com