

Mechanical Briquetting Press

BP5510, BP6510 & BP7510 HD

Latest briquetting technology

Our large presses are based on our latest briquetting technology combined with a modern design. Both presses are heavy built with sturdy housings made of high tensile steel and fixed on heavy steel reinforced concrete foundation, which secures a quiet and safe operation with extremely low vibration level.

Strong and reliable machines

All vital parts of the press including the two heavy flywheels and other vital parts are integrated in the strong steel housing and the protective fiber glass casings. The modern design gives the press a sleek look and at the same time, it makes it easy to clean.

PLC control systems

The BBCS control system with 5.7" touch screen monitor is standard for BP5510, whereas the more advanced ABCS system

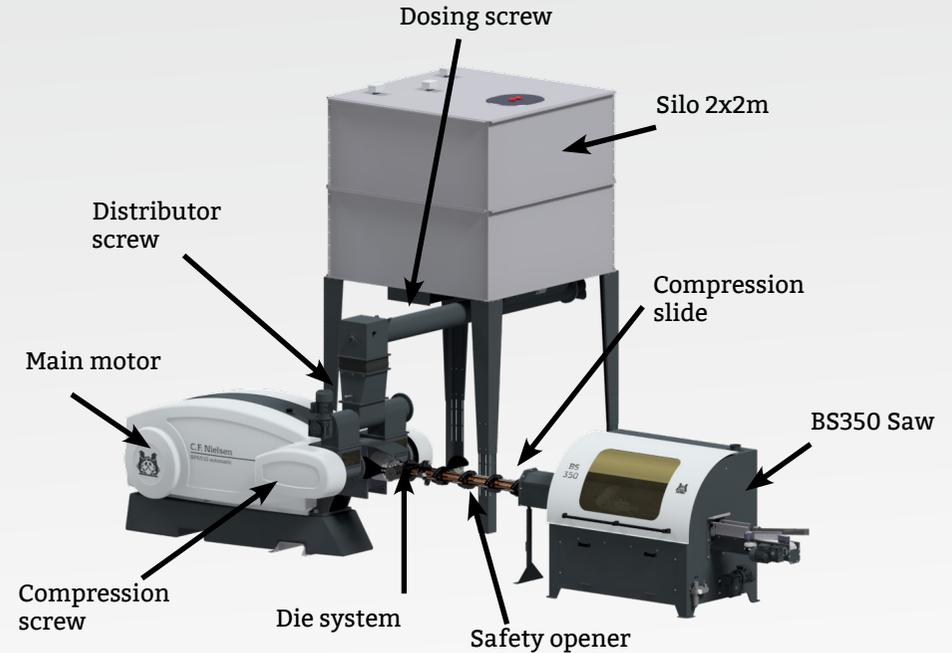
with 10.4" multicolor touch screen is standard only for the BP6510 HD and an option for the other model. It is possible to monitor, operate or search for failures and even to reprogram the PLC-function via a remote connection. A unique piston and die system with exchangeable wear ring is available for different types of briquettes from various raw materials. It also includes solutions for production of round and square briquettes with or without center hole.



Benefits

Consumer & Industrial Briquetting
Ideal for virgin, recycled or agricultural raw material
High density briquettes

Technical specifications



Specifications	BP5510/ BP5510 HD	BP 6510/ BP6510 HD	BP 7510/ BP7510 HD
Briquette diameter	Ø75/ square 65x65mm	Ø90/ Ø100/ square 75x75 mm	Ø100/ Ø120/ square 85x85/90x90 mm
Main motor - man/automatic	45/ 55kW	55/ 75kW	110/ 132kW
Capacity range - Industrial	900-1400 kg/h*	1200-1800 kg/h*	2000-3000 kg/h*
Capacity range - Consumer	850-1100 kg/h*	900-1400 kg/h*	Data on request
Internal pressure lubrication	Yes	Yes	Yes
Weight	Approx. 6000kg	Approx. 6500kg	Approx. 9000kg
Dimension (m)	2,9x1,7x1,6	2,9x1,7x1,6	3,9x2,1x1,8
Control panel	BBCS (ABCS)	ABCS	BBCS (ABCS)

*The capacity is depending on the raw material and the type of briquettes being produced.

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C.F. Nielsen BP5510, 6510 & 7510	
Main features and benefits	
Modern design with streamlined fiberglass covers	Improved safety systems
Bigger motors 55/75kW	Improved lubrication system
Touch screen operation via control panel or your Ipad	Improved oil/water cooling
Latest PLC software for control system and internet login	Heavy built and suitable for running 3-shift operation
Easy to clean	Capacities from 850-3000 kg/h
Easy to service and low maintenance costs	Complete lines can be delivered
Die system with exchangeable wearing to reduce costs	

Industrial briquetting

BP5510, BP6510 & BP7510 are suitable for automatic production of industrial briquettes at installations with limited silo capacity. The double feeding system guarantees high capacity, regardless of the density of the raw material.

Consumer briquetting

Both are flexible presses that are also very suitable for production of medium size consumer type of briquettes. The bigger model; the BP6510 has heavy bronze bearings and is designed primarily for production of consumer briquettes (moisture content 10-12%). It makes an ideal combination with our BS350 Automatic Saw and the unique BW350 Weighing System, and other relevant options.

