



C.F. Nielsen

Briquetting Press Line

BP 5510, BP 6010 & BP 6510 HD
mechanical briquetting presses

Revolutionary concept

We have introduced a revolutionary concept for briquetting technology by combining our latest developments with a modern design for our 3 largest press models. All 3 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.

Advanced design

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

Industrial briquetting

BP 5510 and 6010 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. The moisture content of the raw material should be 6-16% for industrial briquettes.

Consumer briquetting

BP 5510 is a flexible press that is also very suitable for production of medium size consumer type briquettes, whereas the BP 6510 with heavy bronze bearings is designed primarily for production of consumer briquettes with 10-12% moisture content. It is an ideal combination with our BS 350 automatic saw and the BW 350 weighing system, as well as other options.

Control systems with PLC

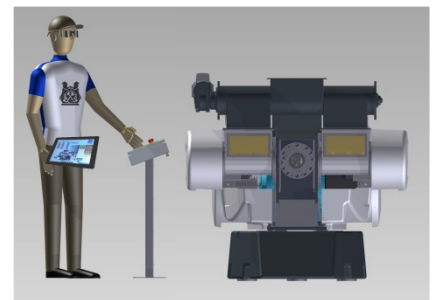
The **BBCS** control system with 5.7" touch screen monitor is standard for BP 5510 and 6010, whereas the more advanced **ABCS** system with 10.4" touch screen is standard only for the BP 6510 HD and an option for the other models.

It is possible to monitor, operate or search for failures and even to reprogram the PLC-function via an internet connection. All operation texts and failure notices can be shown in up to 16 languages. The log function is an important tool for analyzing and improving the briquetting process.

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.

Main Features and Benefits

- New and modern design with streamlined fiberglass covers
- Reduced noise level
- Bigger motors until 75 kW
- Touch screen operation via control panel or your iPad
- Latest PLC software for control system and internet log in
- Service-friendly and easy to clean
- Easy to service and low maintenance costs
- Die system with exchangeable wear-ring to reduce costs
- Improved safety system
- Improved lubrication system
- Improved oil/water cooling
- Heavy built and suitable for running 3 shift operation



Specifications	BP 5510 / BP 5510 HD	BP 6010 HD	BP 6510 HD
Briquette size - nominal	Ø75 / square 65x65 mm	Ø90 mm	Ø90 / square 75x75 mm
Main motor - with softstart	45/55 kW	55 kW	65/75 kW
Capacity range - Industrial briquetting	900 - 1400 kg/hour*	1200 - 1800 kg/hour*	(1200 - 1800 kg/hour)*
Capacity range - Consumer briquetting	850 - 1100 kg/hour*	(1100 - 1400 kg/hour)*	1100 - 1400 kg/hour*
Internal pressure lubrication	Yes	Yes	Yes
Control system - standard (optional)	BBCS (ABCS)	BBCS (ABCS)	ABCS
Dimensions (BxHxL) mm	1700x1550x2850 mm	1700x1550x3050	1700x1660x3050
Weight app. (kg)	app. 5000 kg	app. 5800 kg	app. 6000 kg

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