

A-type briquetting machines

A-type briquette presses are modern, fully automated machine systems. The computer of the control unit, in cooperation with the press mechanism, provides a control system. The presses are fitted with a level sensor to monitor the level of the waste material in the feeding hopper of the briquette press.

The feeding hopper is designed for setup with filtration superstructures and a ventilator. This comprehensive, unmanned system of wood dust extraction from the press provides the convenience in the processing of your waste.

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Description

Product Description

The A-TYPE range of hydraulic briquette presses is designed primarily for application in small or medium-sized joiner workshops. The briquette press serves the purpose in order to produce briquettes (fuel) from sawdust, wood shavings and wood dust, using a hydraulic piston mechanism. The briquetting process reduces the volume of the waste, saves storage area, the creation of a dust-free environment and easy transportation, all of which is achieved without bonding material.

Material types suitable for briquetting

Sawdust, wood shavings

Wood and paper dust

Chopped paper

Chopped biomass

Chaff, straw

Waste from impregnated material – DTM, MDF

Advantages and hallmarks of the A-type briquetting presses

High briquette quality – provides a high quality of combustion (low briquette residue) and maximum possible fuel efficiency

Resistance to failure combined with a long operating life – application of high-quality materials for the manufacturing of the press mechanism, its robust design, as well as the ease of operation – the entire process of briquetting is controlled by a computer

Inspection and maintenance – oil level reader and a counter of the machine hours are standard features of A-TYPE presses

Low operation cost – low-consumption motors reduce the electricity costs to a minimum

Hopper – designed for use together with a filtration superstructure and a ventilator for the direct transport of waste to the briquetting press

Hopper inspection door – for inspection and easy access to the hopper body

Left- or right-side mount – upon the customer's request, we offer positioning of the press mechanism to accommodate the unit for a left- or right-side mount

Outdoor operation – when supplied with special oil, A-TYPE briquetting presses are capable of operation outdoors at temperatures as low as -25 °C

Low level sensor – this feature turns the press off automatically once the level of the material in the hopper is too low. After material is resupplied, the press resumes operation.

Standard equipment

Electrical switchboard with a control computer for unmanned operation of the press

Automatic regulation of the length and quality of briquettes

Conveying system for transporting briquettes to the packing site – 2 arches to a height of 1,200 mm

Thermostat for oil temperature control

Pressure gauge for working cycle control

Level mark of the hydraulic oil tank

Hand crew feeder of material to the pressing chamber

Extracting cutter on the hopper bottom