A-TYPE briquette presses are modern, fully automated machine systems. The computer of the control unit, in cooperation with the press mechanism, provides a constant quality of the briquettes and automated operation.
All 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 machinery directly to the briquette press provides maximum convenience in the processing of your waste.

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 of processing wood waste with a moisture content of 8-15% 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 waste material by up to 90%. The benefits are savings in the 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
- milled paper
- milled 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 modern technology and high-precision machining
- **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 automatically
**A-TYPE Briquette Machines**

### Standard equipment

- electrical switchboard with a control computer for unmanned operation of the press
- automatic regulation of the length and quality of briquettes
- tube 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
- screw feeder of material to the pressing chamber
- feeder mixer on the hopper bottom
- sensor of the material level in the hopper for automatically turning the press on and off
- emergency entrance port on the hopper wall
- operation hours counter
- oil cooler or preparation for its installation

<table>
<thead>
<tr>
<th>Type</th>
<th>Press capacity [kg/h]</th>
<th>Briquette diameter [mm]</th>
<th>Power input [kW]</th>
<th>Weight [kg]</th>
<th>Hopper volume [m³]</th>
<th>Oil cooling system</th>
<th>Filtration super structures</th>
<th>Height [mm]</th>
<th>Width [mm]</th>
<th>Length [mm]</th>
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<td>up to 40</td>
<td>65</td>
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<td>Optional accessories</td>
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<td>1542</td>
<td>1967</td>
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Wooden Briquettes are a 100% renewable biomass fuel suitable for open fires, wood burners, multifuel stoves, Rayburn and Aga stoves, Wood Burning Heaters and Hot Water Boilers for your home your Workplace or Business Workshops, they can also be used on Chimineas, BBQ’s or open camp fires.

Wooden Briquette Logs are carbon neutral to the atmosphere so they do not contribute to global warming whatsoever making them an environmentally friendly fuel source. The briquettes are made from compressed sawdust and wood shavings. There are no additives or binders used during the production process, it is the lignin in the wood and the extreme pressure in production that makes a natural binder, making wooden briquettes which are Clean And Green.

Wooden Briquettes also have the advantage that they are clean to handle and store and produce a nice golden flame with a golden glow with lots of heat. The ash can even be used on the garden as manure once burned.

Wooden briquettes do not spit and spark unlike conventional logs so are much safer to use as a fuel for open fires.