

Wireless Briquetting presses Radiosystem FRI LAN



What to do with all the chips? This desperate question was the occasion for the design of a briquetting press for small companies, for which a compact Aspirat-Briquettingpress either are not economically viable, or simply not a place. We therefore developed a press, the approximately 25 kg/hour, and with a surface area of 1.3 x 1.1 m and a total height incl. funnel of 1.3 m in almost every company can be established. The net weight is 460 kg. The massive cushions have openings for the forks of the proprietary lifting slings or truck, thus you can easily after a day's work in a corner made a (103) or to be transported.

Price-List for Wireless Briquetting presses Radiosystem FRI LAN

Type IVAT

Valid from 01.04.2011

Ivat 25-50	
Briquet-Ø	65 mm
Output capacity	25 – 50kg/h
Elektric motor	3 kW
Weight	460 kg
Dimensions L x W x H	1,3 x 1,1 x 1,3 m
Container	0,28 m ³
Price	€ 15.434,00
Accessories	-

Ivat 50-100	
Briquet-Ø	65 mm
Output capacity	50 – 100 kg/h
Elektric motor	5 kW
Weight	480 kg
Dimensions L x W x H	1,3 x 1,1 x 1,3 m
Container	0,28 m ³
Price	€ 20.850,00
<small>(including extra feeding cylinder inside container)</small>	

Accessories for both types Ivat 25 and Ivat 50	
Level sensor infrared	€ 884,00
Oil cooler	€ 2.294,00
Oil heater	€ 742,00
Prefractionator-top on the container	€ 2.324,00
Tramping cylinder for IVAT 25-50	€ 2.040,00

Briquette Press

Additional technical information on the price list

The Type **Ivat 25-50** performs approximately 25 – 50 kg/hour. The performance is primary depending on the condition and quality of the chips, what means, the smaller (finer) and harder, the more kg-performance per hour. This Briquette press was especially designed for smaller companies, where the refilling takes place by hand or the press will be placed underneath the chip silo. When the press is placed underneath the silo, it is required that the chips are dropping easily in the hopper of the press. Especially planing- and turning chips have the tendency to build a bridge. If there is frequently a larger amount of these bigger chips, it is recommended to install an additional **tamping cylinder**, which will transfer the loose material in the prepress room.

The chips are ideally mixed, small and big, hard- and soft wood and with a max. humidity of 13%. The result will be briquettes with a constant hardness and constant length. The maximum humidity of the wood chips is limited to 17%.

If the Briquette press should run fully automated, it can be equipped with a filling-level sensor, which starts the press process as soon as there are chips in the hopper and stops when the material is processed.

The **Ivat 50** has approximately the double performance (50 – 80 kg/h) of the **Ivat 25**, and the tamping cylinder is already standard equipment.

The Briquette presses **Ivat** are designed for single shift production. If there is a higher production time required, an additional **oil cooler** must be installed. This will allow continuous production mode.

The placement of the Briquette press can be underneath a bunker, but never inside a bunker or silo. The waste heat of the hydraulic system must be able to escape and fresh air flow must be given. The electrical switch box and the hydraulic system must be accessible for maintenance work. The switch box has to be dusted periodically.