FALACH
BRIQUETTING PRESSES

OPTIONAL ACCESSORIES:

5 bag carousel
Requires no additional power and enables automated briquette packing.

Cooling coaster
Keeps briquettes under small pressure. Ideal for MDF briquettes to ensure they remain solid after cooling.

Adaptation of presses under different suction systems
Hoppers of presses can be adapted for installation under different suction systems. Automatic start system can be installed. Time stop for Cube 20 can be installed.



INCREASE YOUR YEARLY INCOME

Falach Briquetting Presses are an excellent choice for productivity. The Falach 50 can produce up to 50 kg of briquettes per hour. Over the course of one week, approx. 1500 kg of briquettes can be made and may sell for anywhere between 0,3-0,4 EUR per kg – a possible yearly income of over 16.000 EUR! It only requires 1kW of electric energy for approx. 10 kg of briquettes. It means the Falach briquette press can be paid in less than one year!! These briquettes can also heat your workshop during the colder months that can help to keep your energy costs down.

Your Falach presses distributor:

www.falach.eu

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Falach briquetting presses are primarily used in carpentry workshops to solve wood waste disposal issues (e.g. sawdust and shavings). They offer an innovative and efficient pressing system.

Tempered puncheon and chrome-plated bottom die ensure the long lifespan of the pressing chamber. The extended pressing die provides cooling for wooden and MDF briquettes, allowing for easy control of their quality by adjusting the pressure. Thanks to the employed lever transmission clamp (protected by a utility model), the pressing energy is utilized to the greatest effect possible. The machines are manufactured using commonly available electric and hydraulic components.
The Falach range includes six models, starting with the compact Cube 20, ideal for hobbyists or small workshops, and culminating in the powerful Falach 100, designed for large-scale production. The bestseller is universal Falach 50, which is mostly used by mid-sized companies.



ECOLOGICAL FRIENDLY:



Falach briquetting presses turn wood waste into a powerful fuel source. Save on heating costs, make your factory more sustainable and repurpose waste produced into eco-friendly briquettes. Rather than sending waste wood to landfill, the machines offer an environmentally friendly and easy way to produce renewable energy. Briquettes from Falach presses were tested on a number of levels by an appointed Government energy testing station. Results show that briquettes have a burning heat and calorific value similar to that of coal, but more importantly, this renewable energy source eliminates atmospheric pollutants found in fossil fuels and wet wood.

FALACH Cube 20 and Cube 20 SP are small compact briquetting presses suitable for small workshops or home users. They provide high operational efficiency, low consumption and produce square-shaped briquettes 30 x 30 mm. Available in 3 phases 400 V or single phase 230V versions.





FALACH 35 has a compact design with small dimensions. Instead of a hydraulic oil cooler, these versions feature increased oil tank volume and can work continuously the whole day.

FALACH 50 is the bestseller. It is fitted with the hydraulic oil cooler, which ensures the ability of continuous operation also by bigger power. The operating process can be shortened, resulting in higher-quality shorter briquettes without reducing the overall performance. It can press all kinds of wooden and mixed materials including MDF.







FALACH 70 and 100 produce briquettes 70 mm in diameter and are enlarged versions of the Falach 35 and 50 presses of well-established design.

Falach 100 is the biggest press from Falach production. It can press all kinds of wooden and mixed materials including MDF. It has a capacity of 100 kg per hour. For even larger installations we recommend to use double or triple set of these presses. It is economical and gives the possibility to use just the necessary quantity of presses power.

TYPE IDENTIFICATION	FALACH CUBE 20	FALACH CUBE 20 SP	FALACH 35	FALACH 50	FALACH 70	FALACH 100
Dimensions–length-width–height	130-74-112 cm		186 - 89 - 110 cm		222 - 120 - 151cm	
Briquette diameter	30 x 30 mm		50 mm		70 mm	
Press capacity	10-25 kg/h.		25 - 40 kg/h.	40 - 60 kg/h.	60 - 80 kg/h.	90 - 120 kg/h.
Briquette length approx.	6-50 mm		20-40mm	adjustable 35mm	40 – 60mm	adjustable 45mm
Weight of press	233 kg		400 kg	390 kg	840 kg	810 kg
Hopper volume	0,28 m3		0.38 m3		0.75 m3	
Pump motor input	2,2 kW	3 kW	4 kW	5.5 kW	7,5 kW	11 kW
Power consumption	1,1 kW/h.	1,5 kW/h.	2.2 kW / h.	3.8 kW / h.	4,9 kW/ h.	8,2 kW/ h.
Required input voltage and current	3x400V, 16 A	1x230V, 32A	3x400V, 16 A		3x400V, 25 A	3x400V, 32 A
Oil cooler	no			yes	no	yes
Operation	continuous					
Automatic switching-out	no		yes			
Maximum percentage of moisture	15%					
Specific weight of briquettes	900-1100 kg/m3		900 kg / m3		900-1100 kg/m3	
Maximum noise level	62 dB		68 dB			

The presses include the conveyor and stand for one bag in standard.

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