PRODUCT DATA SHEET · PELLET PRESSES

Pellet Mini-Complex PellTech GFD-0.7

Compact sawdust & straw pelletizing line · Flat die

Manufacturer: **Briquetting Technology (Czech Republic) – PellTech series**



OUTPUT	PELLET Ø	INSTALLED POWER	DIE
500–800 kg/h	**6 · 8 · 10 mm**	**55 kW**	**Flat, Ø 400 mm**

STARTING PRICE
from € 70.000

This is the starting price of the base configuration. The final price depends on the configuration you choose — capacity, dies, automation, accessories, installation and commissioning. Contact us for a quotation tailored to your project.





TECHNICAL SPECIFICATIONS

Pellet output	500–800 kg/h (depends on raw material and die hole size)
Feed granule output	500–1500 kg/h (with feed kit)
Die type	Rotating flat die, Ø 400 mm, 2 or 4 fixed rollers
Pellet diameter	6, 8, 10 mm
Pellet length	15–30 mm, adjustable
Main motor	1 × 45 kW, soft start
Total installed power	55 kW
Power supply	3-phase 400 V, 50 Hz; coils 24 V / 230 V (±5%)
Dimensions (L×W×H)	7500 × 2500 × 3000 mm
Weight	3500 kg
Raw material moisture	12–16%
Pellet density	up to 1250 kg/m³
Bulk density (big-bag)	up to 700 kg/m³

STANDARD CONFIGURATION

- Hopper with raw material feed screw
- Mini screw for additives (lignin, dextrin, bran, etc.)
- Mixing screw with humidification system
- Automatic press oil lubrication with oil-cooler radiator and fan
- Pellet press with rotating flat die (Timken bearings)
- Vibrating screen
- Dust extraction system
- Pellet conveyor belt with dust extraction
- Control panel with Eaton soft starter, 10 m 3-phase cable
- Integrated Industry 4.0 automation (PLC & HMI)

OPTIONAL EQUIPMENT

- Kit to convert the press into a feed granulator
- Steam generator
- Automatic roller greasing system (4 rollers)
- Dry raw material storage silo from 3 m³
- 3 m³ pellet cooler with conveyor belt
- Spare rollers and flat dies 6–10 mm
- Frequency converter
- Reactive power compensation panel (cos φ 0.99)
- Semi-automatic bagging
- Installation, commissioning and staff training

RAW MATERIALS PROCESSED

Wood sawdust (3–5 mm), cereal straw, cereals, alfalfa, fodder, other biomass waste, manure and other compostable agricultural waste.

up to 5 years

Warranty: 2 years manufacturer warranty plus an additional Agro Bio Brichet extended warranty of up to 3 years for eligible products. Rapid service intervention, spare parts in stock. Eligible for EU-funded investment programmes.

Output figures depend on the raw material, its moisture and particle size, and the die hole diameter. Specifications may change without notice; full details at **shop.agrobiobrichet.ro/presa-peleti/minicomplex-presa-peleti-rumegus-paie-pelltech-model-gfd-0-7**