TECHNICAL DATA SHEET

Flat-Die Sawdust Pellet Lines

Complete turnkey flat-die lines for 6 mm wood pellets from sawdust and forest residues · 400 to 1300 kg/h



Range overview

Line	Die	Capacity	Pellet press	Installed power	SKU	Page
400–600 kg/h	Flat die	400–600 kg/h	MiniComplex GFD-0.7	55 kW	LPPR-500	2
600–900 kg/h	Flat die	600–900 kg/h	MiniComplex R500	65 kW	LPPR-550	3
900–1300 kg/h	Flat die	900–1300 kg/h	MiniComplex TL-700	85/105 kW	LPPR-900	4

Watch the lines in operation on YouTube – channel: youtube.com/@AgroBioBrichetRomania

- ▶ Sawdust pellet line 500–800 kg/h in operation – Bisel, France
- ▶ R500 Duo pellet press – sawdust pelletizing line
- ▶ Sawdust pellet line in operation – Bisel, France (2)
- ▶ YouTube Short – pellet line

FLAT DIE · SAWDUST · 400–600 kg/h

Sawdust Pellet Line 400–600 kg/h

Complete flat-die line for producing 6 mm pellets from sawdust and forest residues – from raw-material homogenization and aerodynamic drying (SPB-5 rotary dryer optional) to pressing and bagging. Compact, easy to operate and well suited for workshops and sawmills that want to turn residues into a sellable fuel.





CAPACITY	DIE TYPE	PELLET Ø
400–600 kg/h	**Flat die**	**6 mm**
PELLET PRESS	MINICOMPLEX INSTALLED POWER	SKU
MiniComplex GFD-0.7	**55 kW**	**LPPR-500**

Line configuration

Component	Model / specification	Power
MiniComplex pellet press	GFD-0.7, flat rotary die, Ø 6 mm pellets (die plate 400 mm). Installed power = press main motor + 10 kW	55 kW installed
Raw-material homogenization hopper	Volume 3–5 m³	–
Aerodynamic sawdust dryer (standard)	DAD-0.6-1.2, input moisture up to 50%	25–30 kW
Rotary sawdust dryer (optional)	SPB-5	–
Pre-processing (choose one)	RM-71.55/AMC-650 hammer mill / branch chipping complex RK-2.1 / flat vibrating screen CVP-2	–
Reactive power compensation panel (optional)	6-step capacitor bank, cos φ 0.99	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · flat die 400 mm · humidification · in-flow moisture display · steam generator · hopper overload sensor · pellet bagging & packaging · reactive power compensation panel – optional (6-step capacitor bank, cos φ 0.99)

General

Raw material: sawdust and forest residues · Electrical consumption in operation ≈ 50% of total installed power · Grounding according to I7/2011 and SR EN 60204-1 · Dimensions, weight and final layout on request, per project.

Product page: view this line on agrobiobrichet.ro

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FLAT DIE · SAWDUST · 600–900 kg/h

Sawdust Pellet Line 600–900 kg/h

Complete flat-die line built around the R500 pellet press with a 500 mm fixed flat die. Aerodynamic dryer as standard, SPB-10 rotary dryer optional. Produces 6 mm pellets from sawdust and forest residues with high density and no binder.





CAPACITY **600–900 kg/h**	DIE TYPE **Flat die**	PELLET Ø **6 mm**
PELLET PRESS **MiniComplex R500**	MINICOMPLEX INSTALLED POWER **65 kW**	SKU **LPPR-550**

Line configuration

Component	Model / specification	Power
MiniComplex pellet press	R500, fixed flat die, Ø 6 mm pellets (die 500 mm). Installed power = press main motor + 10 kW	65 kW installed
Raw-material homogenization hopper	Volume 3–5 m³	–
Aerodynamic sawdust dryer (standard)	DAD-0.6-1.2, input moisture up to 50%	25–30 kW
Rotary sawdust dryer (optional)	SPB-10, input moisture up to 50%	25–30 kW
Pre-processing (choose one)	RM-71.55/AMC-650 hammer mill / branch chipping complex RK-2.1 / flat vibrating screen CVP-2	–
Reactive power compensation panel (optional)	6-step capacitor bank, cos φ 0.99	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · flat die 500 mm · humidification · in-flow moisture display · steam generator · hopper overload sensor · pellet bagging & packaging · reactive power compensation panel – optional (6-step capacitor bank, cos φ 0.99)

General

Raw material: sawdust and forest residues · Electrical consumption in operation ≈ 50% of total installed power · Grounding according to I7/2011 and SR EN 60204-1 · Dimensions, weight and final layout on request, per project.

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FLAT DIE · SAWDUST · 900–1300 kg/h

Sawdust Pellet Line 900–1300 kg/h

The largest flat-die line in the range: a complete solution from drying and grinding to pressing, with a 600 mm flat die and a rotary dryer. Stable pellet quality, robust construction and low maintenance costs.





CAPACITY	DIE TYPE	PELLET Ø
900–1300 kg/h	**Flat die**	**6 mm**
PELLET PRESS	MINICOMPLEX INSTALLED POWER	SKU
MiniComplex TL-700	**85/105 kW**	**LPPR-900**

Line configuration

Component	Model / specification	Power
MiniComplex pellet press	TL-700, flat rotary die, Ø 6 mm pellets (die 600 mm). Installed power = press main motor (75/95 kW) + 10 kW	85/105 kW installed
Raw-material homogenization hopper	Volume 3–5 m³	–
Rotary sawdust dryer	SPB-10, input moisture up to 50%	25–30 kW
Pre-processing (choose one)	2 × RM-71.55/AMC-650 hammer mills / branch chipping complex RK-2.1 / flat vibrating screen CVP-2	–
Automation	PLC + HMI (Industry 4.0)	–

Accessories

Rollers · flat die 600 mm · humidification · in-flow moisture display · steam generator · hopper overload sensor · pellet bagging & packaging · reactive power compensation panel – optional (6-step capacitor bank, cos φ 0.99)

General

Raw material: sawdust and forest residues · Electrical consumption in operation ≈ 50% of total installed power · Grounding according to I7/2011 and SR EN 60204-1 · Dimensions, weight and final layout on request, per project.

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Warranty, service & support

Warranty	24 months manufacturer warranty from commissioning + 36 months extended warranty offered by Agro Bio Brichet as dealer – up to 5 years in total.
Service	Rapid intervention in 24–72 h, spare parts in stock, full service.
Training	Operator training at commissioning; installation and line automation.
Automation	Industry 4.0 PLC + HMI integrated in the electrical panel; updates/upgrades by subscription or on request.
Experience	Over 20 years of experience and more than 135 delivered projects.
Financing	The lines are eligible for EU-funded investment programmes.
Return on investment	Indicative payback of 6–18 months with free or low-cost sawdust, 8–16 operating hours/day and stable demand. Estimate only, not a guarantee.

See our lines working

Click any link below to open it directly on YouTube.

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Request a quote: agrobiobrichet.ro – sawdust pelletizing lines

Technical data are based on the current product pages and may be updated by the manufacturer. Final configuration, installed power and layout are confirmed in the commercial offer.