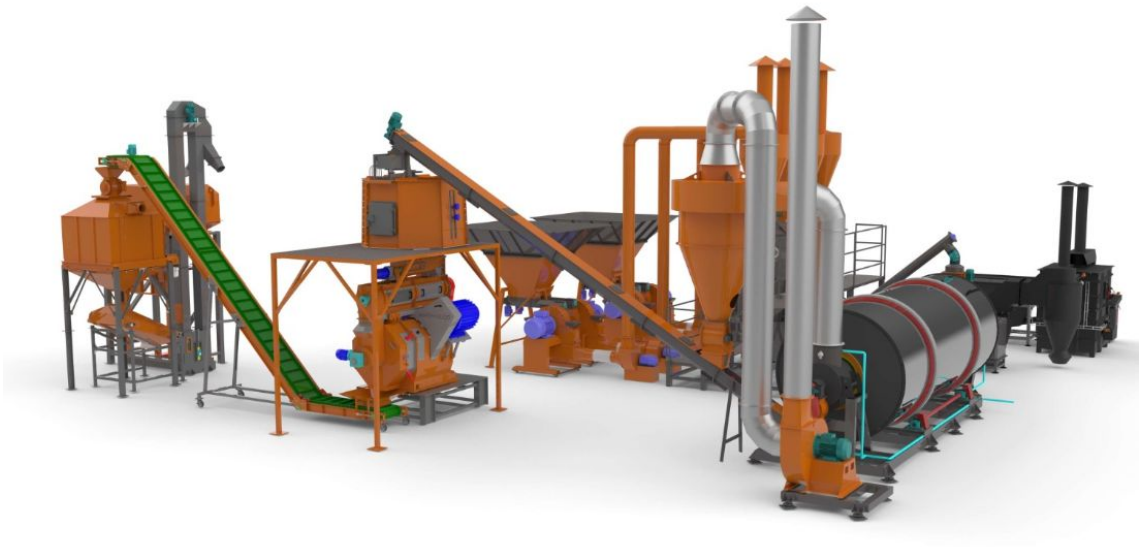
TECHNICAL DATA SHEET

Ring-Die Sawdust Pellet Lines

Complete turnkey ring-die lines for 6 mm wood pellets from sawdust and forest residues · 600 to 2500 kg/h



Range overview

Line	Die	Capacity	Pellet press	Press power	SKU	Page
600–800 kg/h	Ring die	600–800 kg/h	GRD-0.8 / AMP-320V	n/a	–	2
800–1000 kg/h	Ring die	800–1000 kg/h	PellTech AMP-420	75/110 kW	LPPR-800-1000	3
900–1500 kg/h	Ring die	900–1500 kg/h	PellTech AMP-500V	110–150 kW	LPPR-900-1500	4
1500–2000 kg/h	Ring die	1500–2000 kg/h	PellTech AMP-530V	150/180 kW	LPPR-1500-2000	5
2000–2500 kg/h	Ring die	2000–2500 kg/h	PellTech AMP-650V	150–180 kW	LPPR-2000-2500	6

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

RING DIE · SAWDUST · 600–800 kg/h

Sawdust Pellet Line 600–800 kg/h

Entry-level ring-die line for continuous industrial pellet production from sawdust, with rotary drying. Ring-die technology delivers consistent density and long die life for multi-shift operation.





CAPACITY	DIE TYPE	PELLET Ø
600–800 kg/h	**Ring die**	**6 mm**
PELLET PRESS	PRESS POWER	SKU
GRD-0.8 / AMP-320V	**n/a**	**–**

Line configuration

Component	Model / specification	Power
Pellet press	Ring die Ø 6 mm, model GRD-0.8 / AMP-320V	–
Raw-material homogenization hopper	Volume 3–5 m³	–
Rotary sawdust dryer	SPB-5 or SPB-10, depending on raw-material moisture	–
Grinding (choose one)	RM-71.55/AMC-650 hammer mill / branch chipping complex RK-2.1	55 kW
Automation	PLC + HMI (Industry 4.0)	–

Accessories

Rollers · ring die · steam generator · humidification system · in-flow moisture sensor · hopper overload sensor · reactive power compensation panel – optional (6-step capacitor bank, cos φ 0.99) · pellet bagging

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

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

RING DIE · SAWDUST · 800–1000 kg/h

Sawdust Pellet Line 800–1000 kg/h

Complete ring-die line built around the PellTech AMP-420 press. Covers homogenization, drying, grinding, pelletizing and bagging for a turnkey production of 6 mm wood pellets.





CAPACITY	DIE TYPE	PELLET Ø
800–1000 kg/h	**Ring die**	**6 mm**
PELLET PRESS	PRESS POWER	SKU
PellTech AMP-420	**75/110 kW**	**LPPR-800-1000**

Line configuration

Component	Model / specification	Power
Pellet press – PellTech series	AMP-420, ring die, Ø 6 mm pellets	75/110 kW
Homogenization hopper (silo)	Volume 3–5 m³	5 kW
Rotary sawdust dryer	SPB-10	25 kW
Grinding (choose one)	Forest-residue chipping complex RK-2.1 / RM-71.55/AMC-650 hammer mill	55 kW each
Pellet bagging (choose one)	Big-Bag / semi-automatic bagging / automatic bagging in 5–15 kg bags	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · ring die · steam generator · humidification system · in-flow moisture sensor · hopper overload sensor · 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

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

RING DIE · SAWDUST · 900–1500 kg/h

Sawdust Pellet Line 900–1500 kg/h

Industrial ring-die line with the PellTech AMP-500V press, designed for high, steady output and multi-shift operation, with an SPB-20 rotary dryer.





CAPACITY **900–1500 kg/h**	DIE TYPE **Ring die**	PELLET Ø **6 mm**
PELLET PRESS **PellTech AMP-500V**	PRESS POWER **110–150 kW**	SKU **LPPR-900-1500**

Line configuration

Component	Model / specification	Power
Pellet press – PellTech series	AMP-500V, ring die, Ø 6 mm pellets	110–150 kW
Homogenization hopper (silo)	Volume 3–5 m³	5 kW
Rotary sawdust dryer	SPB-20	45 kW
Grinding (choose one)	2 × RM-71.55/AMC-650 hammer mills / forest-residue chipping complex RK-2.1 (55 kW)	–
Pellet bagging (choose one)	Big-Bag / semi-automatic bagging / automatic bagging in 5–15 kg bags	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · ring die · steam generator · humidification system · in-flow moisture sensor · hopper overload sensor · 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

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

RING DIE · SAWDUST · 1500–2000 kg/h

Sawdust Pellet Line 1500–2000 kg/h

High-capacity ring-die line with the PellTech AMP-530V press. Bundles drying, grinding, pelletizing and bagging into one integrated plant for commercial pellet producers.





CAPACITY	DIE TYPE	PELLET Ø
1500–2000 kg/h	**Ring die**	**6 mm**
PELLET PRESS	PRESS POWER	SKU
PellTech AMP-530V	**150/180 kW**	**LPPR-1500-2000**

Line configuration

Component	Model / specification	Power
Pellet press – PellTech series	AMP-530V, ring die, Ø 6 mm pellets	150/180 kW
Homogenization hopper (silo)	Volume 3–5 m³	5 kW
Rotary sawdust dryer	SPB-20	45 kW
Grinding (choose one)	2 × RM-71.55/AMC-650 hammer mills / forest-residue chipping complex RK-2.1 (55 kW)	–
Pellet bagging (choose one)	Big-Bag / semi-automatic bagging / automatic bagging in 5–15 kg bags	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · ring die · steam generator · humidification system · in-flow moisture sensor · hopper overload sensor · 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

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

RING DIE · SAWDUST · 2000–2500 kg/h

Sawdust Pellet Line 2000–2500 kg/h

The top of the range: a complete ring-die plant with the PellTech AMP-650V press and an SPB-30 rotary dryer, for large-scale wood pellet production.





CAPACITY	DIE TYPE	PELLET Ø
2000–2500 kg/h	**Ring die**	**6 mm**
PELLET PRESS	PRESS POWER	SKU
PellTech AMP-650V	**150–180 kW**	**LPPR-2000-2500**

Line configuration

Component	Model / specification	Power
Pellet press – PellTech series	AMP-650V, ring die, Ø 6 mm pellets	150–180 kW
Homogenization hopper (silo)	Volume 3–5 m³	5 kW
Rotary sawdust dryer	SPB-30	45 kW
Forest-residue chipping complex	RK-2.1	55 kW
Pellet bagging (choose one)	Big-Bag / semi-automatic bagging / automatic bagging in 5–15 kg bags	–
Automation	PLC + HMI (Industry 4.0), integrated in the electrical panel	–

Accessories

Rollers · ring die · steam generator · humidification system · in-flow moisture sensor · hopper overload sensor · 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

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

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.

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

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.