

Promill technology

Since the 80's, Promill has been developing a design concept proven worldwide. Thanks to robustness and longevity of our equipment, our customers benefit from high capacity and low operating costs.

Hammer mills

Key features:

- Air separator to remove stones and foreign bodies ;
- High surface area screens and heavy duty hammers, for fast and efficient reduction of particle size ;
- Large diameter rotor, developing a high inertia force ;
- Bi-directional and heavy duty rotor ;
- Easy and quick screens and hammers replacement ;
- Safety controls: vibration, chamber temperature, bearings temperature, spark detection.



Pellet mills

Key features:

- Two stage transmission belt ;
- Heavy duty main shaft and pulley ;
- Patented perfect die fitting ;
- Slow die speed system ;
- Safety controls: vibration, rollers temperature, bearings temperature, spark detection ;
- Low operating costs: electricity, lubrication, rollers and dies.



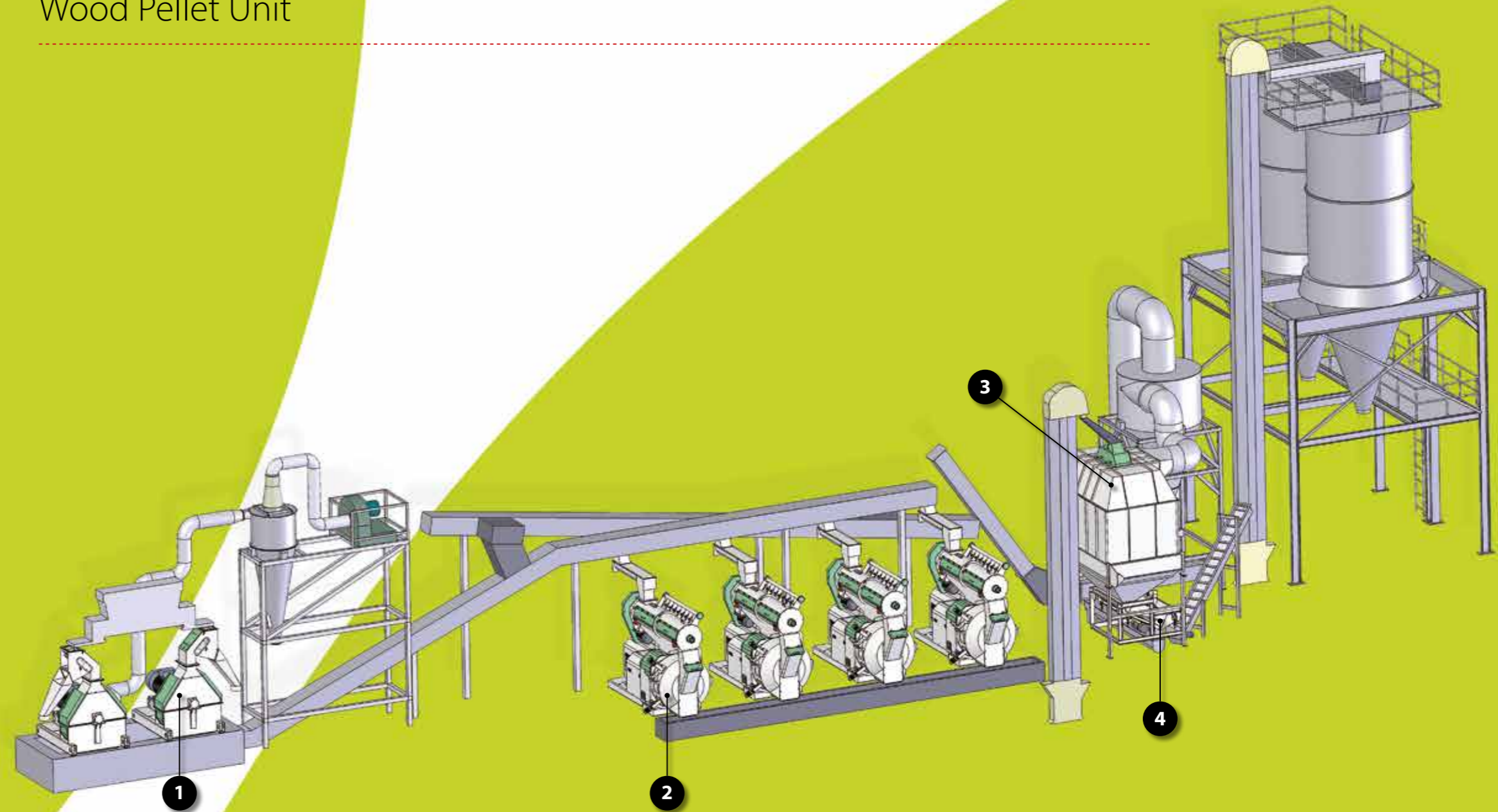
Coolers and screens

Key features:

- Compact design ;
- High efficiency (counter flow) ;
- Low pellet damage ;
- Weighing system (option) ;
- Safety controls: inlet and outlet air and pellet temperature, level sensors, spark detection.



Wood Pellet Unit



Promill in the process



1 Hammer mill



2 Pellet mill



3 Cooler



4 Screen



Hammer Mill



Main data

Type	Rotor		Screen		Hammers			Hammer mill	
	Ø mm	Width mm	Surface m ²	Number	Number	Weight Kg	Power kW	Weight Kg	Air volume M ³ /h
BNA 50	1.384	500	1.5	2	32-64-128	1.95	315	4.900	11.000
BNA 100	1.384	1.000	3.5	4	64-128-256	1.95	500	6.600	22.000
BNA 150	1.384	1.500	4	6	96-192-384	1.95	630	8.300	34.000
BNA 200	1.384	2.000	6	8	128-256-512	1.95	900	10.000	45.000

After sale service

Promill employs after-sales service technicians who are fully bilingual and can travel to any site equipped with our machines in France and all around the world.

Further to urgent repairs, they provide verification of the installations in order to determine the rate of wear and tear of certain equipment, and to warn the user of the deadlines to anticipate in terms of parts replacement.

At the same time, the process engineers carry out onsite visits to provide the existing installations with the advances made on our new machines.



Manipulating arm



Technical control visit

World-wide Network

Promill realizes the majority of its turn-over in export.

Our customer's plants are operating in several countries with an increased presence in certain parts of the world due to partnerships established with local manufacturers and distributors. This is the case in Canada, Russia, Spain, in several Eastern European countries, Maghreb and Egypt.

This presence outside our borders is particularly significant in the field of wood pellet production: for example, Promill holds more than 60% of the market share of installations realized in the Baltic countries.



Pellet Mill



Main data

Type	Die Ø mm	Die Width mm	Die surface m ²	Rollers Number	Rollers Ø mm	Power kW	Weight Without motor T	Weight With motor T
C 1594	580	80	0.14	2	270	132-160	3.7	5.7
EV 8105	800	105	0.26	2	388	200-315	10.5	12.0
AL 9105	900	105	0.29	2	416	315-355	11.5	12.5
AL 9130	900	130	0.37	2	416	315-355	11.5	12.5



Wood
Pellet processing

