



CONTINUOUS PRE-EXPANDERS

AUTOMATIC MACHINES DESIGNED FOR EXPANDING RAW MATERIAL WITH MAXIMUM EFFICIENCY, ACHIEVING DENSITIES, IN FIRST EXPANSION, BETWEEN 40 AND 15 g/l.

ADVANTAGES

MANUFACTURING OF EXCELLENCE

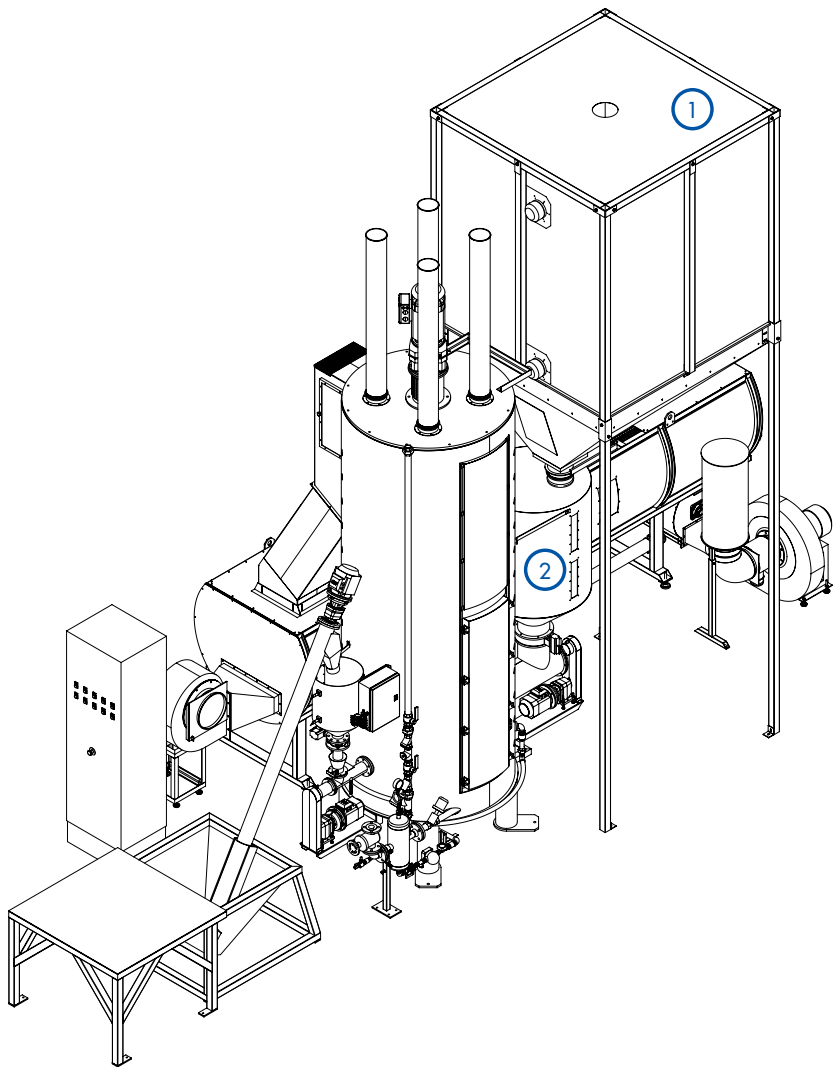
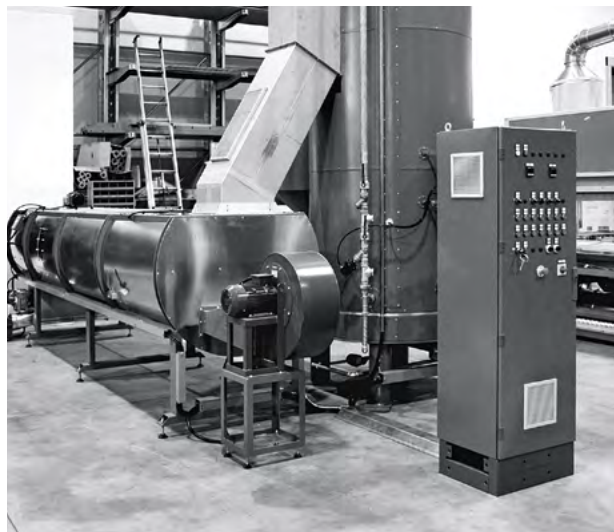
- In-house start-up and test
- Electronic control of temperature in expansion chamber
- Accurate cleaning, thanks to removable vaporization pads and inspection doors to the expansion chamber completely opening
- Solid and compact structure, built to guarantee maximum resistance, stability and safety for operators
- Designed to facilitate access to all components

OUTSTANDING PERFORMANCE

- Continuous pre-expanding process without interruption
- Full wipe down in less than 20 min
- Possibility to achieve up to 10 g/l density with second expansion

SIMPLE SOLUTION

- Appropriate solution in case of production with limited density variations
- Machine controls centralized inside the electromechanical panel



COMPONENTS UPON REQUEST

SECOND EXPANSION UNIT which allows to achieve densities up to 10 g/l, consisting of:

1. LOADING SILO FOR PRE-EXPANDED MATERIAL FROM FIRST EXPANSION
2. ONE ADDITIONAL AUGER FOR THE INLET OF THE EXPANDED MATERIAL INTO THE CHAMBER

Model	Pre-expander height (mm)		Production (kg/h)					Consumptions		
			Density							
	Std	with 2° exp.on	15 g/l	20 g/l	25 g/l	30 g/l	10 (*) g/l	Steam (kg/h)	Air (m³/min)	Installed power (kW)
PE906C	4.200	5.000	400	600	800	900	500	150	0,1	16
PE912C	5.600	6.000	800	1.200	1.800	2.700	1.000	200/300	0,1	25

(*) Only with second expansion

TECNODINAMICA SRL

V.LE EUROPA, 37/38
Z.I. SOLIGO
31010 FARRA DI SOLIGO
TREVISO - ITALY
T +39 0438 98 04 84
info@tecnodinamica.it

www.tecnodinamica.it

