# CIRCULAR EXTRACTORS



#### **BEST IN CLASS FOR:**



WOOD BASED PANELS: MDF/HDF PB/SPB OSB/LSB/FOSB INSULATION BOARDS



PRESSED WOOD PACKAGING: PALLET BLOCKS



PELLETS & ENERGY: WOOD PELLETS AND BLACK PELLETS

#### **TECHNICAL FEATURES**

• One or two spiral shafts are mounted according to the extraction requirements • For high production capacity, the machines normally have robust beams able to support the screw shafts on their extremities • In the case of applications with particularly abrasive materials, we provide technologically advanced wear-resistant coverings applied to the transport surface of the spirals, on the areas concerning tubing and on the crumbling teeth fitted on the periphery of the screws.

#### BENEFITS

• High extraction capacities with minimum power requirement • Constant and uniform extraction even in the presence of fibrous and compacted material and without separating them • Absence of any spontaneous flows inside the discharge hopper • Routine maintenance can be carried out even on the full silo • Suitable for silos up to 12 m diameter.



PAL Srl - Via delle Industrie, 6/B - 31047 Ponte di Piave (TV) - Italy Ph.: +39 0422 852 300 - Fax: +39 0422 853 444 - info@pal.it VERSIONS WITH SUPPORT BEAMS FOR THE SCREWS:

D2

ħΦ

VERSIONS WITH CANTILEVERED SCREWS AND WITHOUT

5

۲

SUPPORTING BEAMS:

b

FOR DRY MATERIAL ONLY: AF = FIRE-EXTINGUISHING SYSTEM AE = EXPLOSION VENTS

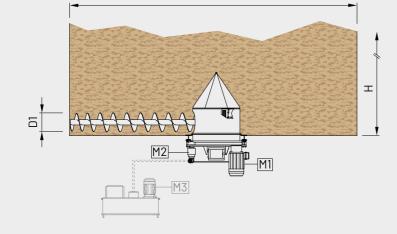
EXTRACTING SCREW M1 = ELECTRIC MOTOR **ROTATING TURRET** M2 = MOTOR: HYDRAULIC OR ELECTRIC M3 = HYDRAULIC POWER PACK MOTOR

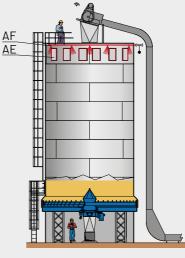
### VERSIONS WITH SUPPORT BEAMS FOR THE SCREWS

THROUGHPUT UP TO m <sup>3</sup> /h	SCREWS	OVERALL DIMENSIONS mm		WEIGHT APPROX.
	Dmm	D2 mm	Hmm	kg
Up to 650 m3/h	300 - 800	4000 - 10000	UP TO 25000	According to machine dimensions

## VERSIONS WITH CANTILEVERED SCREWS AND WITHOUT SUPPORTING BEAMS

THROUGHPUT UP TO m <sup>3</sup> /h	SCREWS		OVERALL DIMENSIONS mm		WEIGHT APPROX.
		Dmm	D2 mm	Hmm	kg
Up to 200 m3/h	1-2	220 - 600	4000 - 10000	UP TO 25000	According to machine dimensions





Т