

BAG OPENER





The bag opener is an innovative and specific machine that allows to open and empty the bags containing the material. It is designed to avoid shredding the waste by keeping the content intact, in order to facilitate subsequent selection phases. It is also possible, due to the unique way the machine was designed, to steadily ration the material.

How it works

The bags are opened thanks to the movement of the teeth of the roll and the comb. There is a hydraulic anti-clogging system made up by a chaser lifting system that automatically activates in case of tough material that could get stuck in the bag opening system.



Frame

The bag breaking unit is made up by a central body of steel shapes closed on three sides in which the cogged roll is positioned.

The cogged roll is commanded directly by a hydraulic engine or electrical .

The hydraulic control unit is managed by the PLC touch screen.

The machine is featured by an accumulation buffer, fed by a mechanical shovel or a similar machine. The material gets pushed towards the bag opener roll thanks to the action of the rubber conveyor belt. The largest model can process 12t/hr @ 100kg/m3.



Standard models

		APM1300E	APM1300I	APM1700E	APM1700I
Number of rolls	n°	1	1	1	1
Width of conveyor belt	mm	1.500	1.500	1.900	1.900
Length of conveyor belt	mm	variable	variable	variable	variable
Width of roll		1.300	1.300	1.700	1.700
Diameter of roll	mm	800	800	800	800
Max n° of revolutions per roll	min ⁻¹	30	30	30	30
Power	kW	18,5	18,5	30	30
Transmission		electrical	hydraulic	electrical	hydraulic
Aproximate weight	kg	8.000	8.000	10.000	10.000



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