

DENSITY TABLES

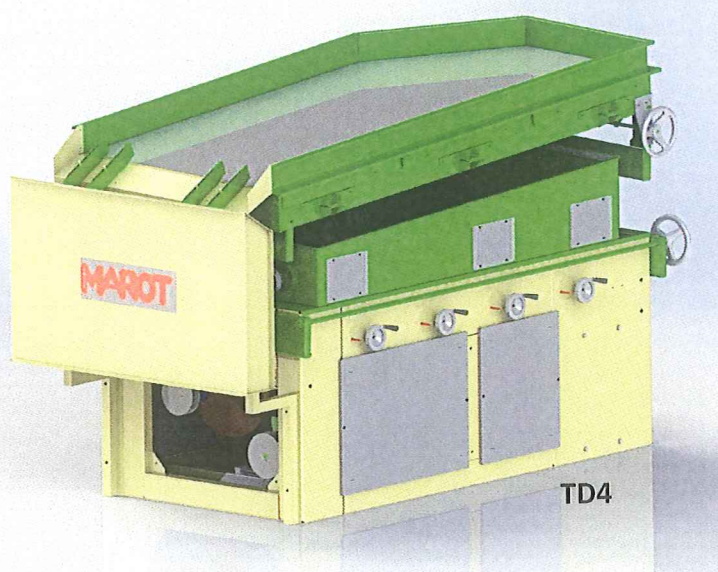
Types 4 or 5 fan models

MAROT[®]

FUNCTION

The MAROT density table accords ATEX rules (zone 22) and can:

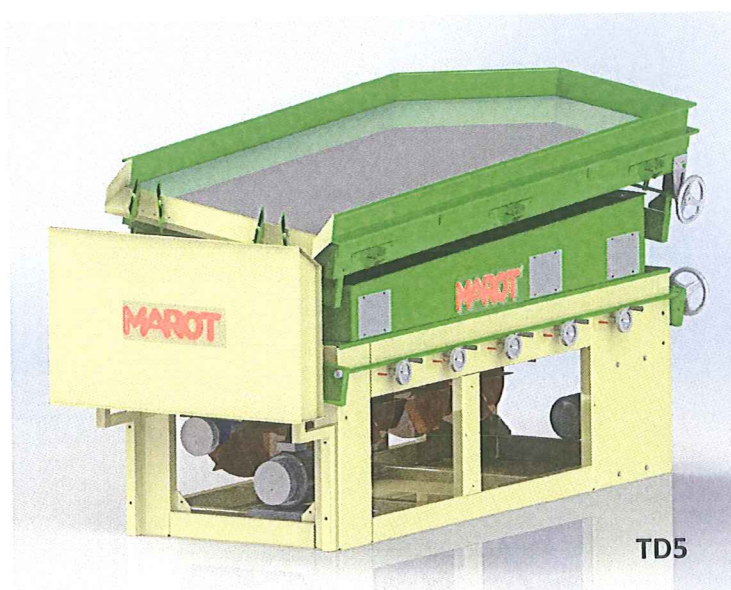
- separate grains with poor germination grains
- Separate shrunken, damaged, diseased and germinating grains
- separate the impurities from the grain
- increase the bulk density of a sample
- remove split, scalped, and broken pulses



TD4

ADJUSTABLE SETTINGS

- Longitudinal slope of table
- Lateral slope of table
- Air volume
- Speed of oscillation (electronic variator)



TD5



TECHNICAL DATA

TYPES	Number of fans models	Maximum throughputs Wheat at PS 75 -15 % moisture content 2 % impurities	VIBRATION		VENTILATION		WEIGHT	REFERENCE
			Power	tr/mn	Power	tr/mn		
TD4	4	3 tons	1.5 kW	1500	4 kW	1500	900	55887
TD5	5	4 - 5 tons	1.8 kW	1500	5.5 kW	1500	1200	55892

INSTALLATION

The table must be fixed to a firm foundation, able to accept the vibrations transmitted from the table but not to impede the correct operation of the table.

The aspiration hood (option) covers the feeding chute - Required air volume: 6 to 8000 m³/h.

Lateral or extremity chute in option

FEED

The machine can be fed directly from an elevator or conveyor, when installed in a cleaning line. Where the flow of grain may be interrupted, a buffer hopper should be used, and this is a necessity where the machine throughput will be varied according to the sample required.

FUNCTIONING

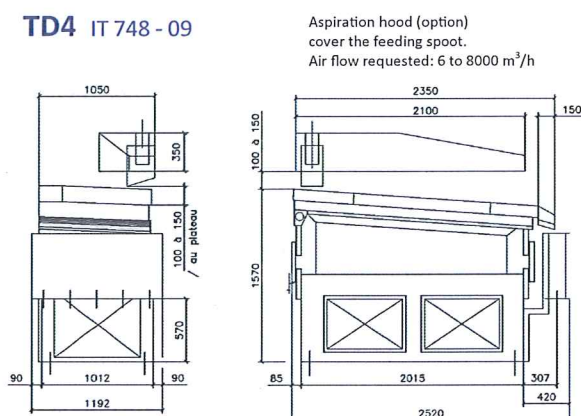
This machine classifies the grain according to the specific weight.

The sloping table is oscillated at the appropriate speed for the sample and this induces the heavier grains to move to the top of the table and the lighter grains to the bottom. This movement is made possible by the air flow through the grain which fluidises the bed ensuring the lighter material moves to the top.

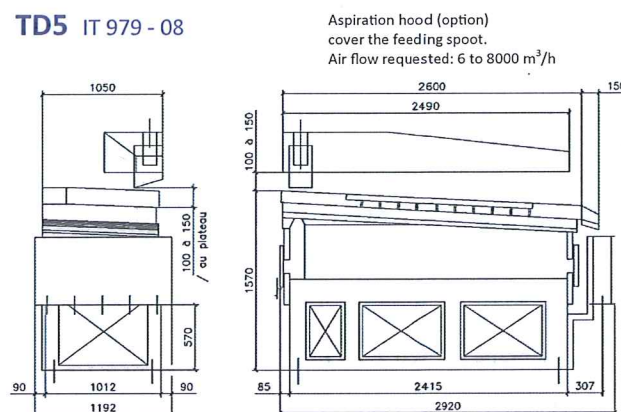
At the outlets, adjustments provide easy separation of the various streams of material such as the heavier grains, lighter grains, trash, etc ...

DIMENSIONS

TD4 IT 748 - 09



TD5 IT 979 - 08



As we are constantly engaged in an effort to improve the quality and efficiency of our products, dimensions and specifications could change without notice