SDI/SDX

PURIFIER

Machine recommended for middlings purification. More uniform air distribution for perfect product stratification and distribution over sieves. Perfect reciprocating motion during transient phases by means of a new mechanical drive arrangment.

Inclinated exhaust hood, integrated in the oscillating tray, to guarantee perfect cleaning.

Partition sectors of the exhaust hood are available in accordance with product layer on the upper sieve. Exhaust is adjusted by 32 patented wing shaped valves to allow independent air control on the entire lenght of every quarter section of each sieve.

The machine is complete with three layers of sieves made in light alloy, 500x500 mm and two independent exhaust hoods. Mechanical drive uses timing belt transmission to guarantee absolute synchronism of the eccentric masses during start/stop and normal running.

The machine is run by a standard motor.

Throughs discharge hoppers complete with flow diverters.

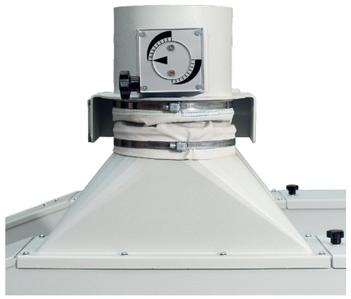
Overtails discharge group includes flow diverter valves, integrated in the oscillating tray.

LED lights provide excellent lighting for effective viewing of product on the sieves; long life and limited energy consumption.

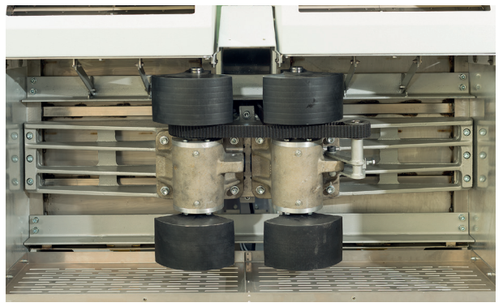
The purifier is available in two versions:

- in painted steel (SDI)
- in stainless steel (SDX)

SDI



SDX

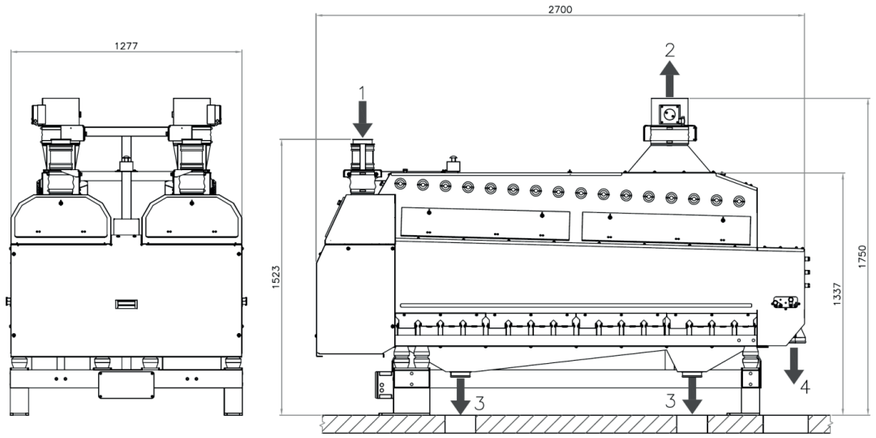


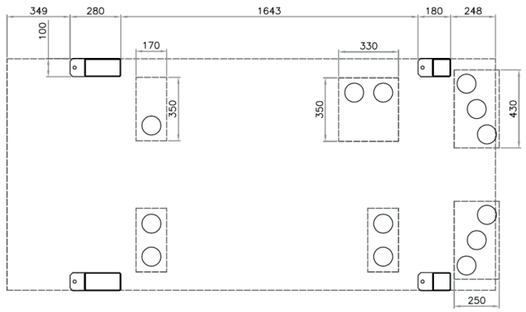
Technical information

Model	Semolina output (t/h)			Sieves		Installed power (kW)			Exhaust (m^2/min)	Weight (Kg)	Shipping volume (m^3)
	Coarse	Medium	Fine	Number	Net sieving surface (m^2)	Motor 50 Hz	Motor 60 Hz	Lighting			
SDI-SDX	3.6 (wheat) 2.7 (maize)	2.3 (wheat) 2 (maize)	1.4 (wheat) 1.2 (maize)	24	5.3	0.75	0.86	0.02	40 ÷ 55	900	8.4

Technical features of the equipment can be modified without any obligation of notice. Data may be not fully in accordance with the market versions.

1- Product inlet
2 - Aspiration
3 - Throught outlet
4 - Brans outlet





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printed in 2023