



MMCTECH

SEED PROCESSING MACHINE & EQUIPMENTS - AUTOMATION SOLUTIONS

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MMCTECH Seed Conditioning & Processing Global Solution Partner



ROTARY DRUM SEED CLEANER

MMCTECH: Seed Machines & Equipment with Automation Solutions

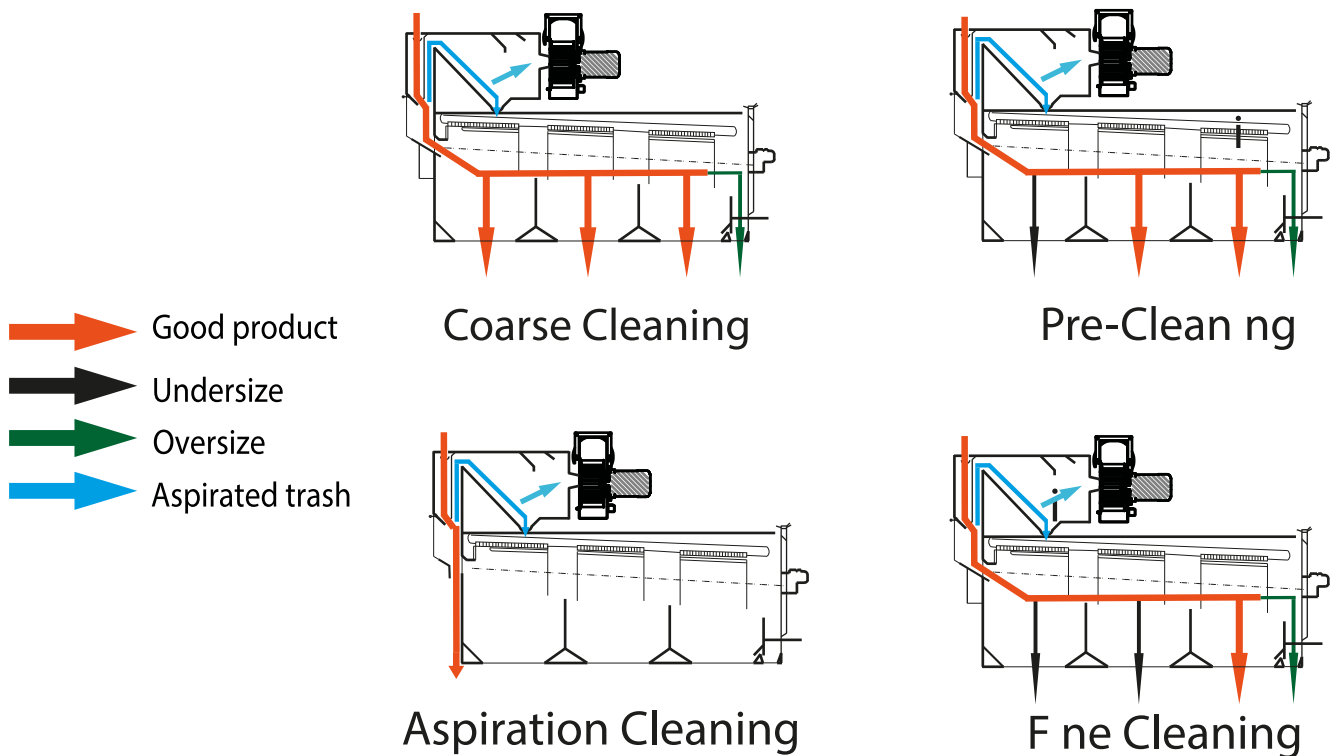
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ROTARY DRUM SEED CLEANER

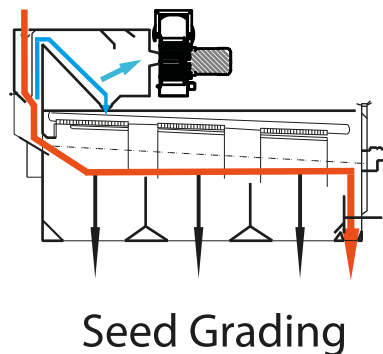
Seed Cleaning; Rotary Drum Cleaner consists of an aspiration system followed by a rotary perforated drum screens.

Seed passes through aspiration system to separate light impurities, then screening task occurs on designated perforated screens as required operation and undersize admixtures separated and oversize admixtures separated at the end of the drum.



Seed Grading; Rotary Drum Cleaner consists of an aspiration system or it can be supplied without aspiration system if not required for Seed Grading purpose.

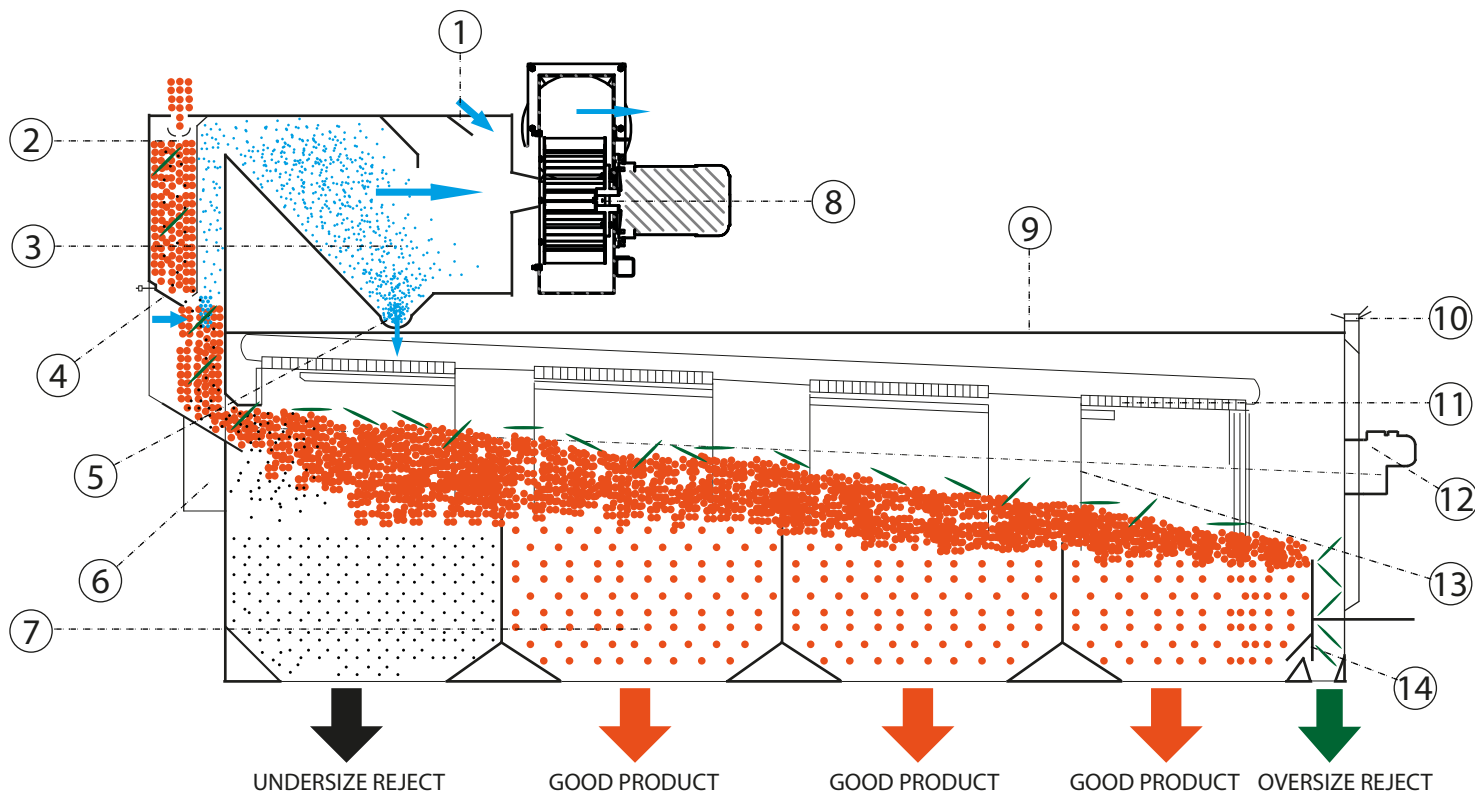
Seed passes through aspiration system to separate light impurities (if aspiration system supplied) then screening task occurs on designated perforated screens as required operation and undersize sizes/g-grades separated in the drum.



TECHNICAL DRAWING

- ① Air bleed to control aspiration volume
- ② Spreader
- ③ Settling Chamber
- ④ Counterweight distribution flap
- ⑤ Discharge Auger (Except 100 Series)
- ⑥ By-pass for Aspiration Pre-Cleaning
- ⑦ Inclined rotating drum, with distribution trays for maximum screen usage
- ⑧ Fan (removes light density material)
- ⑨ Possible drum aspiration
- ⑩ Variable slope (option)
- ⑪ Screen cleaning rolls
- ⑫ Variable rotation speed (option)
- ⑬ Easily removable screens
- ⑭ Moveable bulkhead (except 400 series)

PRE-CLEANING SCHEMA



TECHNICAL DATA

Model	Number of Screens	Drum Diameter (mm)	CAPACITY				Dimensions (m)			Drum Drive Motor
			Aspirating Pre-Cleaning* TPH	Course Pre-Cleaning* TPH	Cleaning* TPH	Grading* TPH	Length	Width	Height	
RDSC-102	2	550 ϕ	-	4,5	3,5	1	1800 mm	650 mm	800 mm	1.1 kW
RDSC-103	3	550 ϕ	-	6	5	1,5	2300 mm	650 mm	800 mm	1.1 kW
RDSC-104	4	550 ϕ	-	8	7	3	2800 mm	650 mm	800 mm	1.1 kW
RDSC-203	3	650 ϕ	40	30	15	4	3100 mm	850 mm	1300 mm	1.1 kW
RDSC-204	4	650 ϕ	40	35	25	6	3800 mm	850 mm	1300 mm	1.1 kW
RDSC-303	3	850 ϕ	90	70	50	8	4600 mm	1000 mm	1700 mm	2.2 kW
RDSC-304	4	850 ϕ	90	90	70	12	5700 mm	1000 mm	1700 mm	2.2 kW
RDSC-403	3	1300 ϕ	250	200	110	14	5100 mm	1550 mm	2300 mm	3 kW
RDSC-404	4	1300 ϕ	250	250	200	20	6250 mm	1550 mm	2300 mm	4-5.5 - 7.5 kW
RDSC-405	5	1300 ϕ	250	250	200	25	7300 mm	1550 mm	2300 mm	5.5 - 7.5 kW

*T/H, Guide only, based on wheat with density 750 kg/m³ and 2% impurities

Rotary Drum Seed Cleaner

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