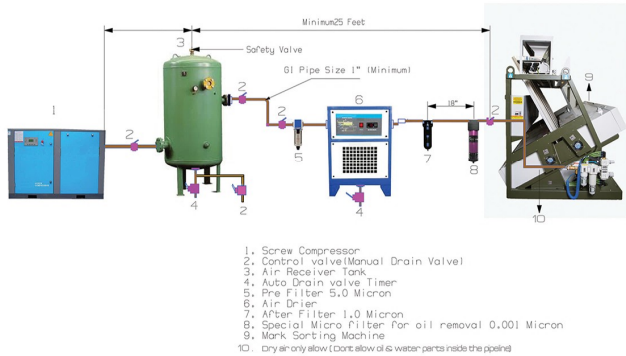


Compressor To Machine



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MULTI GRAIN SORTER
TRENDZ T20
ENDLESS PURITY OF YOUR PRODUCT

Product Feature

Mark color sorter is designed to provide a superior performance and reliability, allowing you to avoid annoying maintenance which would effect your production. Mark color sorter is a complete system that incorporates advanced engineering concepts.

Here we proudly introduce the most advanced color sorting machine from mark sorter mainly focused on rice, pulses, seeds, spices, nuts & plastic sectors as Trendz-T20 which have the following features.

Tri Chromatic Camera Scanner

- High speed data acquisition and digital processing technology using FPGA
- Resolution - RGB 3x5400 pixels
- Highly specialized lens for sorting purpose
- Front and Back evenly aligned cameras with digital alignment technology

10' Inch Color HMI

- Mini computer based touch screen
- Uncountable storage capacity for saving different program modes
- User interfaced touchscreen with live communication technology
- Inbuilt processor with 1GHz speed

User Defined Background With Color Led

- Low energy consumption led lighting
- Improves fine RGB illumination in background
- Enhancing defects recognition systems by varying different backgrounds for different types of grains



Touch Screen



Color Reflector LED

High Speed Pneumatic Ejectors

- Precision sorting of grains with high speed of 1ms on/off time
- Ultra drive high frequency solenoid valve
- Long operating life (half a billion cycles)

Chute

- Used for flow of all types of grains in one chute can have optional heatpad and acrylic sheet attachments
- 63 Channels per chute



Matrix Ejector



Chute

Simultaneous Re-Sorting

- Maximizes recovery of good product having highest reject concentration



Chute Option Available	12 Chute	10 Chute	8 Chute	7 Chute	6 Chute	5 Chute	4 Chute	3 Chute	2 Chute	1 Chute
Chute Distribution (P+S+R)	7+3+2	6+2+2	5+2+1	4+2+1	4+1+1	3+1+1	2+1+1	2+1	1+1	-
Output (TPH) for rice	6 to 8	5 to 7	4 to 6	3.5 to 5	3 to 4.5	2.5 to 3.5	1.5 to 3	1.5 to 2.5	0.8 to 1.5	0.5 to 1.5
No. of Camera (F&R)	12+12	10+10	8+8	7+7	6+6	5+5	4+4	3+3	2+2	1+1
Air/g/7.5kg/Cm2	230 CF-M	180 CF-M	160 CF-M	140 CF-M	115 CF-M	96 CF-M	72 CF-M	54 CF-M	44 CF-M	28 CF-M
Compressor Requirement	50 HP Screw	40 HP Screw	35 HP Screw	35 HP Screw	30 HP Screw	25HP Screw	20HP Screw	15HP Screw	15HP Screw	10HP Screw
Dimension (LxWxH) Feet	16x4.88x5.97	13.83x4.88x5.97	10.87x4.88x5.97	9.73x4.88x5.97	8.59x4.88x5.97	7.46x4.88x5.97	6.33x4.88x5.97	5.19x4.88x5.97	4.3x4.88x5.97	2.92x4.88x5.97
Cabin Dimension (LxWxH) Feet	20x10x8	18x10x8	16x10x8	14x10x8	13x10x8	12x10x8	10x10x8	9x10x8	8x10x8	7x10x8

Note 1: Output load and rejection will be vary depend upon input materials contamination and dust
2: ~2% Contamination