



OPTOELECTRONIC COLOR SORTER INNATELY INNOVATIVE

Fowler Westrup's optoelectronic color sorter offers our customers a choice of precision-engineered innovative optical sorting equipment to meet today's challenging optical sorting applications. As one of the best brands in optical sorting, we are recognized for intelligent technology and engineering leadership. We have comprehensive capability to provide solutions for optical sorting equipment for Rice, Pulses, Grains, Spices, Millet and other light weight products by color and shape with superior precision, performance and efficiency. We have state-of-the-art testing facility to do suitable machine setting for specific product/application.



TRU-J 64 STAR



TRU-J 64 SMART

Fowler Westrup (India) Pvt. Ltd. has been delivering cutting-edge solutions to the agricultural industry – seeds, grains, pulses, spices, solvent, millets & other food grains for two decades.

Established in 2000 as a joint venture between John Fowler (India) Pvt. Ltd. and Westrup A/s, Denmark, we are today the leading providers of post harvesting machinery and industrial equipment in the field of cleaning, grading, storing, milling, sorting, material handling & conveying and filtration solutions for clients worldwide



An ISO 9001:2015 Company

COLOR SORTER TRU SERIES FOR ANY GRAINS

TRUE COLOR MULTI VISION SORTER FOR MULTIPRODUCTS

FEATURES

- Enhanced Capacity
- Very High resolution inspection (from 0.01 mm onwards)
- High definition 18,432 pixel true color CCD camera image acquisitionsystem
- Long-lasting and low power consuming LED lights
- Wide range of applications
- Product contact part in Stainless Steel (SS)
- Wide range models – 1 to 12 chutes
- User-friendly interface
- Best rejection ratio with reverse resorting
- New high speed serviceable ejectors
- Longer machine life & lower operation cost
- Unlimited Product Programme
- Inbuilt AI System
- Shape & size sorting
- Effective dust extraction system with fan-feeder, optical box & collector point
- Hard anodized multiproduct flow chutes
- Excellent service network, 24*7 support
- Chute heating system (optional) to ensure free flow & avoid chock
- Auto color training & auto-calibration
- High response ejector feedback system to control ejection
- Easy machine settings
- Machine can access/control through smart phone via wireless LAN

APPLICATIONS

Rice	: Raw, Steamed, Boiled & Parboiled
Grains	: Paddy, Maize & Wheat
Seeds	: Sesame, Chilly Seeds, Poppy, Sunflower, Pumpkin, Watermelon, Tomato Seeds, Niger Seeds, Cotton Seeds, Okra Seed, Tamarind, Onion Seeds, Cassia Tora & More
Pulses	: Black Gram, Bengal Gram, Moth Bean, Pigeon Pea, Toor Dal, Masoor Dal, Moong Dal, Moth Dal, Urad Dal, Fried Gram, Black Beans, Green Pea, Black Eyed Pea, Soya Bean, Yellow Pea, Yellow Masoor, Azuki Beans (Cow Pea), Whole Channa, Whole Masoor, Kabuli Channa & More
Spices	: Pepper, Cardamom, Cumin Seeds, Coriander, Fenugreek (Methi), Mustard & More
Dry Fruits	: Broken / Whole Cashew Nuts, Resins, Walnuts, Almonds & more
Freezed Dehydrated	: Onion Flakes, Potato Pieces, Rosemary, Garlic Cubes, Sweet Corn & more
Others	: Millet-Bhagar, Bajra, Ragi, Tea, Coffee, Rice Flakes (Poha), Sabudana (Sagu), Rajma, Peanut, Peanut Pod, Jowar, Sorghum, Semolina (Sooji), Corn Glitz, Unpolished Millet, Frozen fruits, Jasmine flower & more

Standard Construction – Specifications (STAR/SMART Series)

MODEL	TRU-A 64	TRU-B 64	TRU-C 64	TRU-D 64	TRU-E 64	TRU-F 64	TRU-G 64	TRU-H 64	TRU-J 64	TRU-L 64
Channels	64 No's	128 No's	192 No's	256 No's	320 No's	384 No's	448 No's	512 No's	640 No's	768 No's
*Capacity (Input)	Up to 1.5 TPH	Up to 3.0 TPH	Up to 4.5 TPH	Up to 6.0 TPH	Up to 7.5 TPH	Up to 9.0 TPH	Up to 10.5 TPH	Up to 12.0 TPH	Up to 15.0 TPH	Up to 18.0 TPH
Machine Dimensions (WxDxH) in mm	980x1655x1642	1404x1800x1980	1835x1690x2235	2150x1690x2235	2465x1690x2235	2780x1690x2235	3095x1690x2235	3410x1690x2235	4050x1690x2235	4840x1690x2235
Net Weight in Kgs	350	886	1030	1200	1360	1530	1720	1950	2230	2630
Power Requirements	0.9 KW	1.8 KW	2.5 KW	3.2 KW	4.0 KW	4.7 KW	5.5 KW	6.5 KW	7.9 KW	9.4 KW
Voltage	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
Online UPS with Isolation Transformer	2 KVA	3 KVA	5 KVA	5 KVA	5 KVA	7.5 KVA	7.5 KVA	7.5 KVA	10 KVA	10 KVA
Air Requirement CFM	16.5	35	65	85	85-135	85-135	135-190	135-190	190-245	245-288
Air Compressor Required	5 HP, 8 Bar	10 HP, 8 Bar	15 HP, 8 Bar	20 HP, 8 Bar	20 HP-30 HP, 8 Bar	20 HP - 30 HP, 8 Bar	30 HP-40 HP, 8 Bar	30 HP-40 HP, 8 Bar	40 HP-50 HP, 8 Bar	50 HP-60 HP, 8 Bar

We reserve right to amend specifications without notice

- Note:**
- * Capacity, performance & final rejection ratio may vary according to the kind of materials, applications, sorting method (single sort / single resort / double resort) and input contamination
 - * Higher capacity compressor may be necessary when the contamination is high * Machines available with single or double resorting options
 - * Capacity indicated for raw rice 4% of contamination without resorting * Specifications mentioned above can change as per our new developments
 - * SMART Series - Machine comes with Remote monitoring and controlling through Cloud Technology



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Fowler Westrup - Creating a Greener & Cleaner World... Store Clean Recycle

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