DELTA'S SIGNATURE COLOR SORTER

with a fully automated calibration process powered by INTELLI-MAX™

Cameras

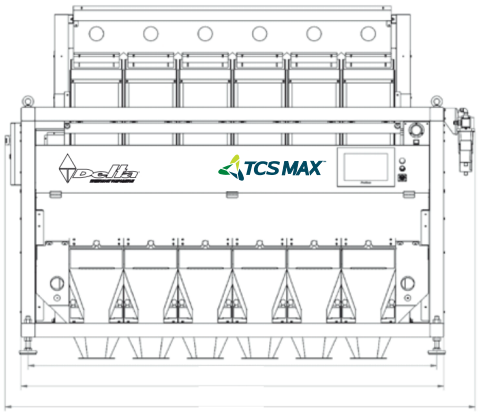
- RGB HD full color - multi-spectrum configuration
- 16,000 pixel phosphor-coated CCD sensors increase spectral response to 1,100 nm (NIR)
- 36,000 scan lines per second (11,800 per line of color RGB / 5,400 pixels)
- Two cameras per tray – dual side viewing front & back
- Resolution 0.05mm

Illumination System

- LED - broad spectrum, high intensity and long life
- LED electronic background with 16 million color combinations automatically adjusts to input product
- Automatically adjustable to the incoming product/defects to be removed using Delta's proprietary Intelli-MAX™ AI algorithm

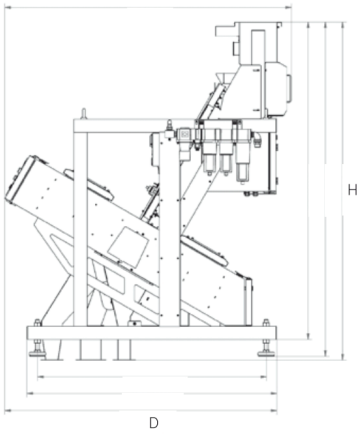
Shape and Size Sorting

- Delta algorithms can be customized for specific requirements or user-generated, using the automated image capture system





TCS sorters can be remotely accessed and controlled from any smartphone, tablet or PC.



Technical Data

Model	MAX-1	MAX-2	MAX-3	MAX-4	MAX-5	MAX-6	MAX-7
Electrical	110 or 220 VAC 50 or 60 Hz single phase power 1.3 KW	110 or 220 VAC 50 or 60 Hz single phase power 1.5 KW	110 or 220 VAC 50 or 60 Hz single phase power 2.0 KW	110 or 220 VAC 50 or 60 Hz single phase power 2.5 KW	110 or 220 VAC 50 or 60 Hz single phase power 3.0 KW	110 or 220 VAC 50 or 60 Hz single phase power 3.5 KW	110 or 220 VAC 50 or 60 Hz single phase power 4.2 KW
Air	26 CFM @ 100 PSI 0.7m³/minute @ 7 Bar	52 CFM @ 100 PSI 1.4m³/minute @ 7 Bar	78 CFM @ 100 PSI 2.2m³/minute @ 7 Bar	104 CFM @ 100 PSI 2.9m³/minute @ 7 Bar	130 CFM @ 100 PSI 3.7m³/minute @ 7 Bar	156 CFM @ 100 PSI 4.4m³/minute @ 7 Bar	182 CFM @ 100 PSI 5.1m³/minute @7 Bar
Operating Temperature	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C	32°F - 104°F 0°C - 40°C
Net Weight	500Kg / 1103Lbs	690Kg / 1522Lbs	880Kg / 1940Lbs	1050Kg / 2315Lbs	1150Kg / 2536Lbs	1270Kg / 2756Lbs	1430Kg / 3553Lbs
W - Width	930mm / 37in	1244mm / 49in	1558mm / 62in	1872mm / 74in	2186mm / 87in	2500mm / 99in	2814mm / 111in
D - Depth	1784mm / 71in	1784mm / 71in	1784mm / 71in	1784mm / 71in	1784mm / 71in	1784mm / 71in	1784mm / 71in
H - Height	2182mm / 86in	2182mm / 86in	2182mm / 86in	2182mm / 86in	2182mm / 86in	2182mm / 86in	2182mm / 86in

Available in these configurations to meet your throughput and resort requirements: 63, 126, 189, 252, 315, 378 and 441 channels.