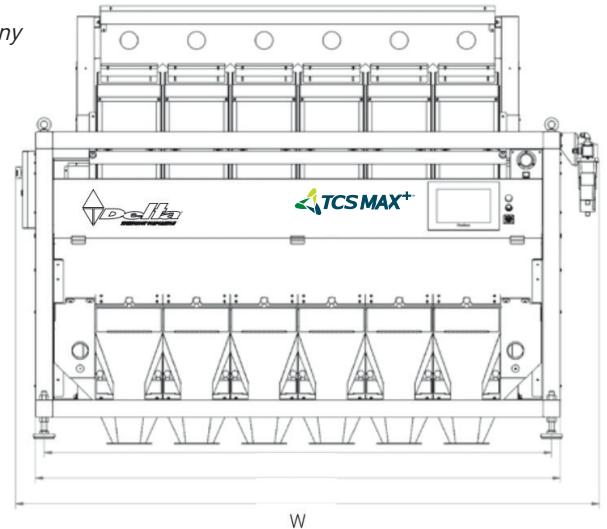




## DELTA'S SIGNATURE COLOR SORTER with a fully automated calibration process powered by INTELLI-MAX™



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



### Cameras

- Full-color RGB – multispectral configuration.
- Up to 20,000 scans per RGB color line / 2,048 pixels.
- Two cameras per chute, one positioned at the front and the other at the rear.
- 0.05 mm optical resolution.

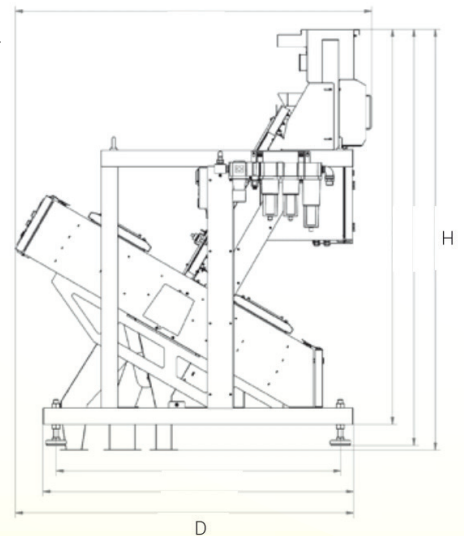
### Illumination System

- High-intensity LED lighting with variable spectrum and long service life.
- Electronic RGB LED reference background with 16 million color combinations, automatically adjusted to match the product being sorted.

- High-speed CMOS sensors with Near Infrared (NIR) capability up to 1,100 nm.
- Automatic adjustment to the incoming product and defects to be identified and removed through the IntelliMax™ system and Delta Technology's proprietary mathematical algorithms.

### Shape and Size Sorting

- Sorting algorithms can be customized to meet specific product recognition and sorting requirements or generated through automated image acquisition.



| Model                 | MAX-1                                                 | MAX-2                                                 | MAX-3                                                 | MAX-4                                                  | MAX-5                                                  | MAX-6                                                  | MAX-7                                                  |
|-----------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Electrical            | 110 or 220 VAC<br>50 or 60 Hz<br><br>1.3 KW           | 110 or 220 VAC<br>50 or 60 Hz<br><br>1.5 KW           | 110 or 220 VAC<br>50 or 60 Hz<br><br>2.0 KW           | 110 or 220 VAC<br>50 or 60 Hz<br><br>2.5 KW            | 110 or 220 VAC<br>50 or 60 Hz<br><br>3.0 KW            | 110 or 220 VAC<br>50 or 60 Hz<br><br>3.5KW             | 110 or 220 VAC<br>50 or 60 Hz<br><br>4.2 KW            |
| Air                   | 26 CFM @ 100 PSI<br>0.7m <sup>3</sup> /minute @ 7 Bar | 52 CFM @ 100 PSI<br>1.4m <sup>3</sup> /minute @ 7 Bar | 78 CFM @ 100 PSI<br>2.2m <sup>3</sup> /minute @ 7 Bar | 104 CFM @ 100 PSI<br>2.9m <sup>3</sup> /minute @ 7 Bar | 130 CFM @ 100 PSI<br>3.7m <sup>3</sup> /minute @ 7 Bar | 156 CFM @ 100 PSI<br>4.4m <sup>3</sup> /minute @ 7 Bar | 182 CFM @ 100 PSI<br>5.1m <sup>3</sup> /minute @ 7 Bar |
| Operation Temperature | 32°F - 104°F<br>0°C - 40°™ C                          | 32°F - 104°F<br>0°C - 40°C                            | 32°F - 104°F<br>0°C - 40°C                            | 32°F - 104°F<br>0°C - 40°C                             | 32°F - 104°F<br>0°C - 40°C                             | 32°F - 104°F<br>0°C - 40°C                             | 32°F - 104°F<br>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, 441 channels.