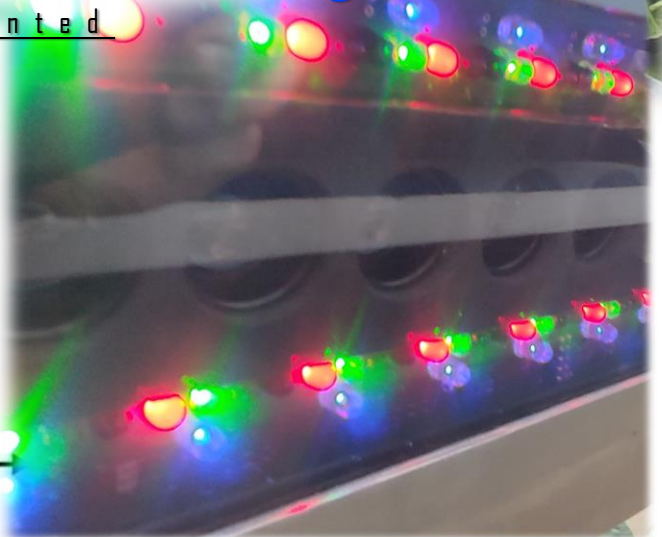
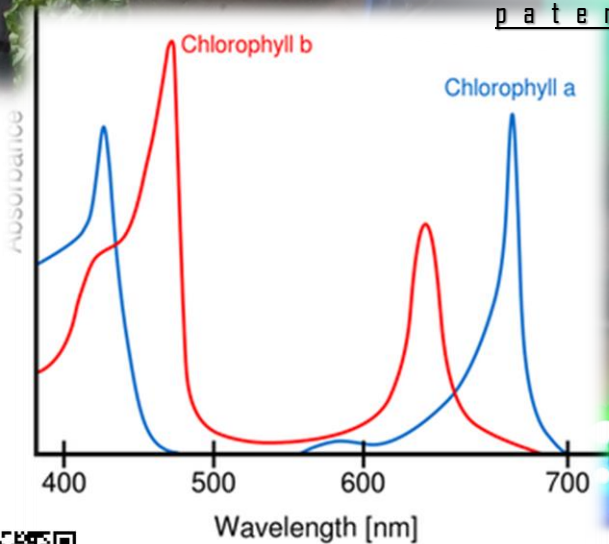


The Chlorophyll Sorter

**With Twin Chlorophyll
Detection Technology**

patented



www.bull-one.com





Thanks to more than 25 years of experience in tomato field sorting, **MATE-SrI**, has devised and developed - in partnership with **Bull-one** - the most efficient and cutting edge sorting technology for leafy greens, able to detect and remove foreign bodies from fast and high capacity product flow. This rugged and heavy duty optical sorter, available with single or double vision configuration, integrate the **"Twin Chlorophyll Detection Tecnology"**, ensuring high efficiency sorting even in case of low chlorophyll content. An user-friendly control panel, can be easily installed directly on the vision unit or inside the driver cockpit. The reliable can-bus communication protocol allow a plug and play integration with any OEM electronic architecture.

System features and performances

N° of sorting channels	70 (80 channels available)
Vision line width	1750 mm - 68" 57/64
Product vision modality	In flight, SINGLE or DOUBLE VISION
Rejection channel width	25 mm - 1"
Resolution (minimum defect detected)	12 mm x 12 mm - 1/2" x 1/2"
Rejection type	Pneumatic kickers - Blue plastic (blower on request)
Human machine interface	TFT display - Wifi access
Remote access	4G modem
Frame material	AlSI 304
Vision unit protection standard	IP67
Rejection unit protection standard	IP67

Power supply and consumption

Power supply	Battery
Voltage	24Vdc
Current	3A max

Pneumatic supply and consumption

Air treatment applied	Dehydration - Filtration - Lubrication
Lubrication system	Food grade and pharmaceutical compliant
Working pressure	6÷8 bar - 90 to 120 psi
Max. air consumption	750 NI/min - 26,5 cfm
Typical consumption *	150 NI/min - 5,3 cfm

Typical rejection



Easy control consolle **IP67**



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