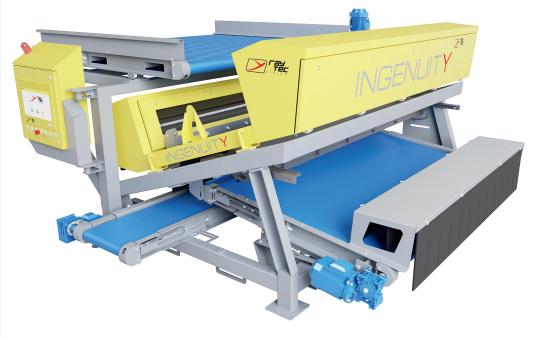


THE HIGH CAPACITY DOUBLE VISION SORTER







INGENUITY is a **double-vision sensor sorter**. It is equipped with Visible Color and NIR technology (Near Infra Red).

The system is designed to detect soil clods, stones, green potatoes, and foreign materials in unwashed potatoes. For washed potatoes, it additionally identifies rotten products and color defects. **INGENUITY** is available in various configurations, engineered to meet the demands of high-throughput agricultural and industrial processing lines.







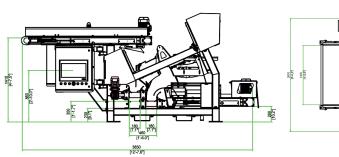


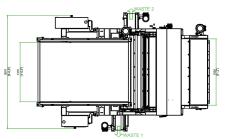
The machine is available in a **2WAY** or **3WAY configuration** and the ejection system is by mechanical fingers in a special high-resistance and anti-abrasion material.

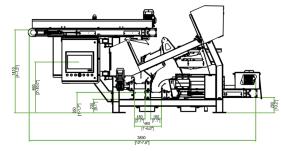


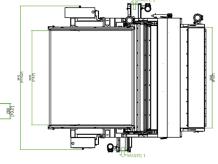
INGENUITY

IY-2060 IY-2100









	TECHNICA	L FEATURES		
Sorting channels	60		100	
Inspection width	1500 mm [4'-11.1"]		2500 mm [8'-2,4"]	
Channel width	25 mm (1")			
Optical resolution	4x4 mm [0.2x0.2"]			
Rejection unit	2W	3W	2W	3W
Rejection type	Mechanical fingers			
Number of fingers	60	120	100	200
User interface	18.5" LCD touch screen monitor			
Remote connection	Ethernet and/or modem			
Conveyor speed	50÷70 m/min			
Frame	Stainless steel AISI 304		Stainless steel AISI 304 or Painted carbon steel	
Weight	1800 [3970 lbs]	1950 kg [4300 lbs]	2650 kg [5840 lbs]	2800 kg [6200 lbs]
POWER SUPPLY AND CONSUMPTION				
Power supply	3-Ph + Gnd			
Voltage	400/480 V			
Frequency	50/60 Hz			
Protection class	IP65			
Consumed power	4,5 kW			
PNEUMATIC SUPPLY				
Туре	Lubricated compressed air			
Quality	ISO norm 8573-1:2010			
Class	4.3.3			
Filter	5 μ Dry			
Air pressure	6-8 bar [87-116 psi]			
Air consumption (typical)		120 Nl/min [4,2 Ncuft/min] 200 Nl/min [7,1 Ncuft/min]		
Air consumption (maximum)	210 Nl/min [7,4 Ncuft/min] 350 Nl/min [12,4 Ncuft/min]			
Air connection	3/4"			