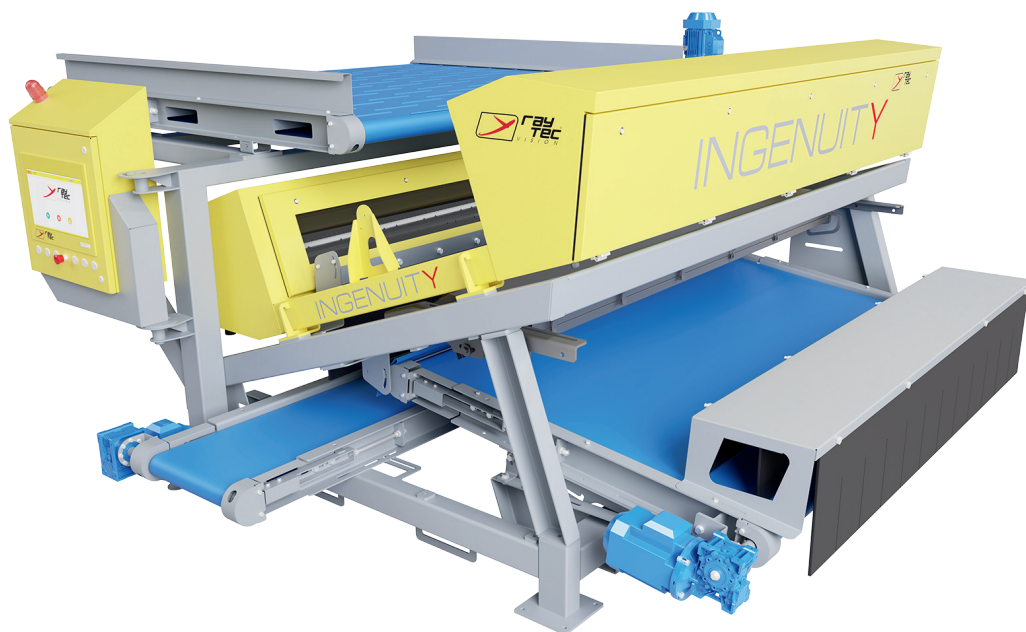


THE HIGH CAPACITY DOUBLE VISION SORTER

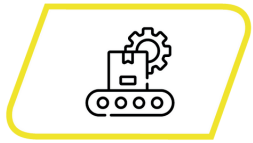


INGENUITY is a **double-vision sensor sorter**. It is equipped with Visible Color and NIR technology (Near Infra Red).

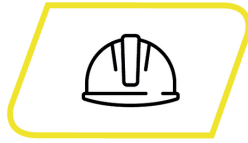
The system detects soil clods, stones, and green potatoes in unwashed potatoes, and for washed potatoes, it identifies also rotten products and color defects. Thanks to the 100 channels configuration, **INGENUITY** allows a capacity up to **100 t/h**, for a large agro and industrial production.

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.

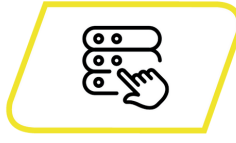
Benefits



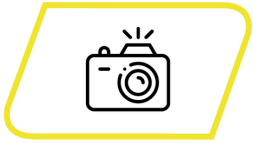
High production capacity



Low maintenance costs



Constant selection over time



Automatic capture of images



Real time detection



User friendly software

TECHNICAL FEATURES

Sorting channels	100
Vision area width (L)	2500 mm (100")
Pixel dimension	4x4 mm
Control and diagnostic device	Interactive LCD touch-screen monitor
Rejection channel width	25 mm (1")
Rejection type	Mechanical fingers
External and/or remote connection	Ethernet and/or modem
Conveyor speed	50-70 m/min
Power supply and consumption	
Power supply	3-Ph + Gnd
Voltage	400/480 V
Frequency	50/60 Hz
Installed power	4.5 kW
Applied air treatment (pneumatic circuit)	Dehumidification - Filtration - Lubrification
Lubricating system (pneumatic circuit)	Food grade and pharmaceutical compatible
Working pressure (pneumatic circuit)	6÷8 bar [87÷116 psi]
Typical consumption (pneumatic circuit)	300 NI/min (10.5 cft/min)
Max. air flow rate (pneumatic circuit)	1200 NI/min (42 cft/min)

