

AI

Technology



## OPTI'S 6-8

**Integrated to the Opti'S color sorters advanced AI** (Smart mode) creates a sorting program scanning good and bad samples assuming their color, size, surface and shape.

Automatically chosen parameters do not depend on the staff qualifications. It helps to reach top results.

The software allows to use "master"- camera which adjustments are automatically shared with other sections of the machine. This technical feature lays behind precise sorting and usability.

The smart small adjusting mode suits parameters just during the sorting to keep top results even by input quality changing products.

FRANCE INDUS'TRI

Shape Sorting

AI (Smart) Mode

High capacity  
by difficult products



High precision  
sorting



Sorting in visiblelight  
or IR spectrum



Reliable  
service



Quick adjusting  
for product



Efficient  
operation



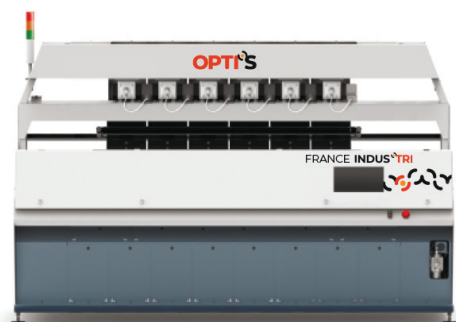
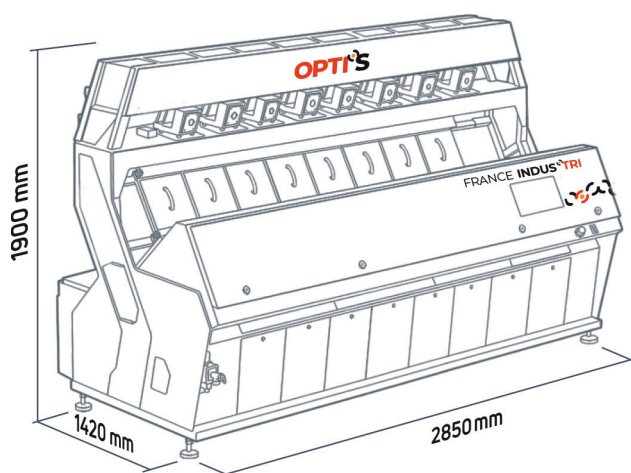
High resolution  
lenses



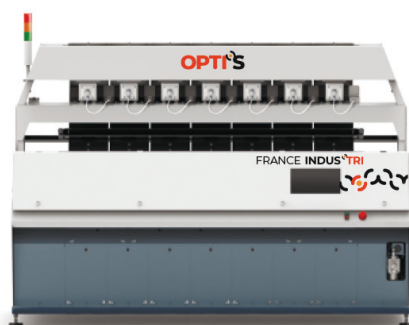
# OPTI'S 6-8

## MULTIGRAIN COLOR SORTER

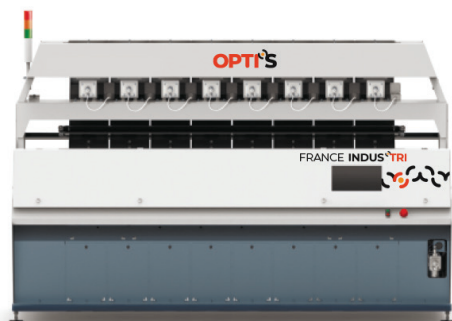
Parameters: Smart AI mode, Cloud Tech,  
Ultrapowerful lighting, Extralight – optional



6 sections



7 sections



8 sections

### New : three types of frame height

#### High (H) - 2100 mm

(2 vibrofeeders, for sorting of clumping products)

#### Standard (S) - 1900 mm

#### Low (L) - 1600 mm



Cleanliness coefficient, %, min.*	99.5
CCD-matrix resolution (per chute), pixel	5400
Power, V / Hz	230 / 50
Air pressure, MPa	from 0.6 to 0.8
Air purity according, ISO 8573-1:	<ul style="list-style-type: none"><li>· particles 1</li><li>· humidity 4</li><li>· oil 1</li></ul>
Maximum air consumption (at 0.6 MPa), m /h	225
Air consumption for the aspiration, m <sup>3</sup> /h, max.:	<ul style="list-style-type: none"><li>· standard aspiration 2500</li><li>· with additional aspiration nozzles on chutes 3500</li></ul>
Electric shock protection class according to EC 61140-2012	I
Degree of protection provided by enclosures	IP54
Ambient temperature, °C	from 5 to 40
Relative air humidity at the temperature of 25 °C, %	from 20 to 80
Noise level at the work site, dBA, max.	86

\* With the initial content of foreign materials of 2% or less and the volume weight of the product of 0.750 t/m<sup>3</sup>

	6 section	7 sections	8 sections
Number of channels	324	378	432
Production capacity (for wheat), tons per hour*	42	49	56
Air consumption for the technical process (wheat), m /h, max.*	240	280	320
Weight, kg, max.	1260	1310	1360

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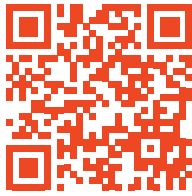
### CONTACT :

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Ultrapowerful lighting, Extralight – optional



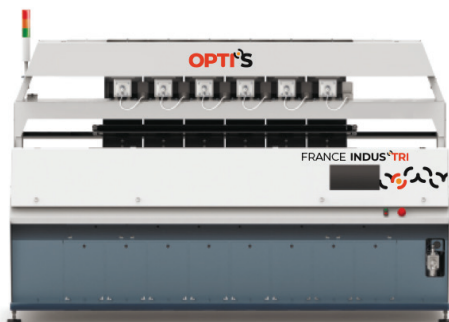
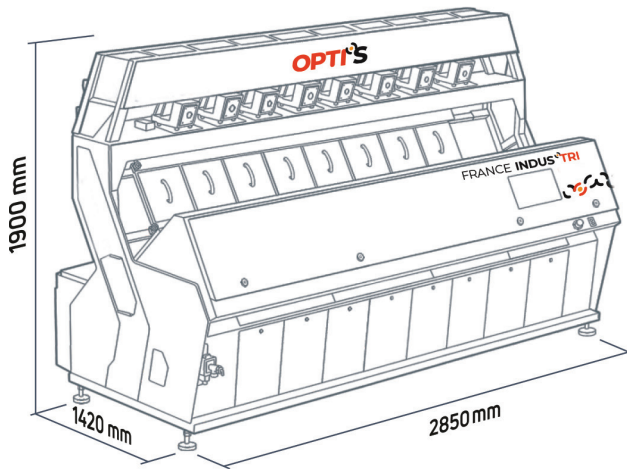
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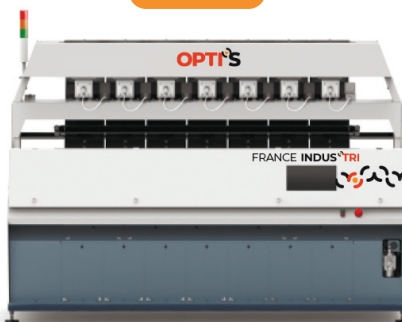
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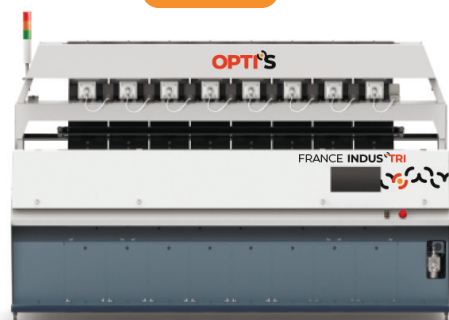
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