

# ECOPICK

TRANSFORMING THE RECYCLING  
 INDUSTRY



Improves  
**PRODUCTIVITY**  
 and **SAFETY**



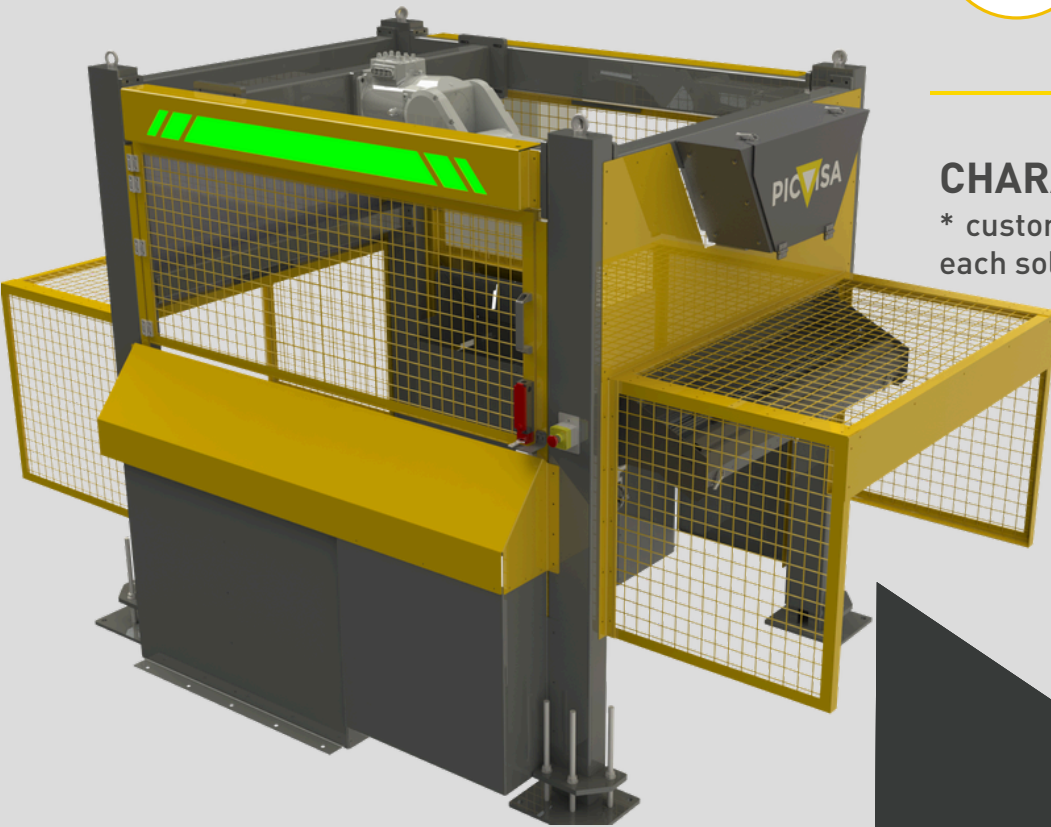
Increases the **QUALITY**  
**OF VALUABLE**  
**MATERIAL**



**SCALABLE** to  
 any industry and  
**ADAPTABLE** to any  
 material



**PLUG AND PLAY:**  
 our technical service will get  
 the solution up and running  
 from day one



## CHARACTERISTICS

\* customisable for  
 each solution

Modelo	Ecopick 2.0
Sistema visión	Sensores RGB y/o NIR, 3D
Brazo robótico	1
Sistema de agarre	Succión vía ventosa, sistema mixto de succión e imán, revolver con doble ventosa
Picking	1 pick/segundo
Dimensiones generales	2200x 3553,5 x 2600 mm
Ancho máximo de trabajo	1200
Tamaño máximo objeto	A3
Peso máximo objeto	4 kg
Nº máximo tolvas	8
Velocidad cinta	0,5 - 1m/s
Consumo aire	64 l/min
Disponibilidad	> 95%

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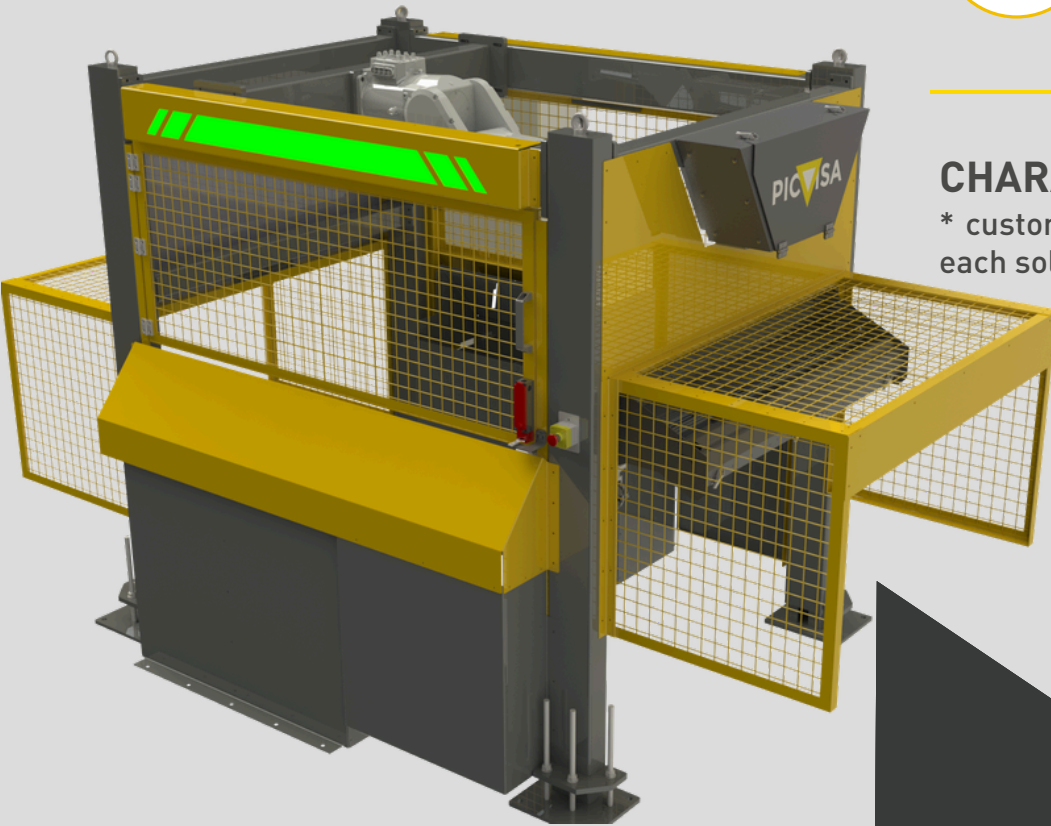
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## CHARACTERISTICS

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Model	Ecopick 2.0
Vision system	Sensores RGB y/o NIR, 3D
Robotic arm	1
Grip system	Succión vía ventosa, sistema mixto de succión e imán, revolver con doble ventosa
Picking	1 pick/segundo
General dimensions	2200x 3553,5 x 2600 mm
Maximum working width	1200
Maximum object size	A3
Maximum object weight	4 kg
Maximum number of hoppers	8
Tape speed	0,5 - 1m/s
Air consumption	64 l/min
Availability	> 95%

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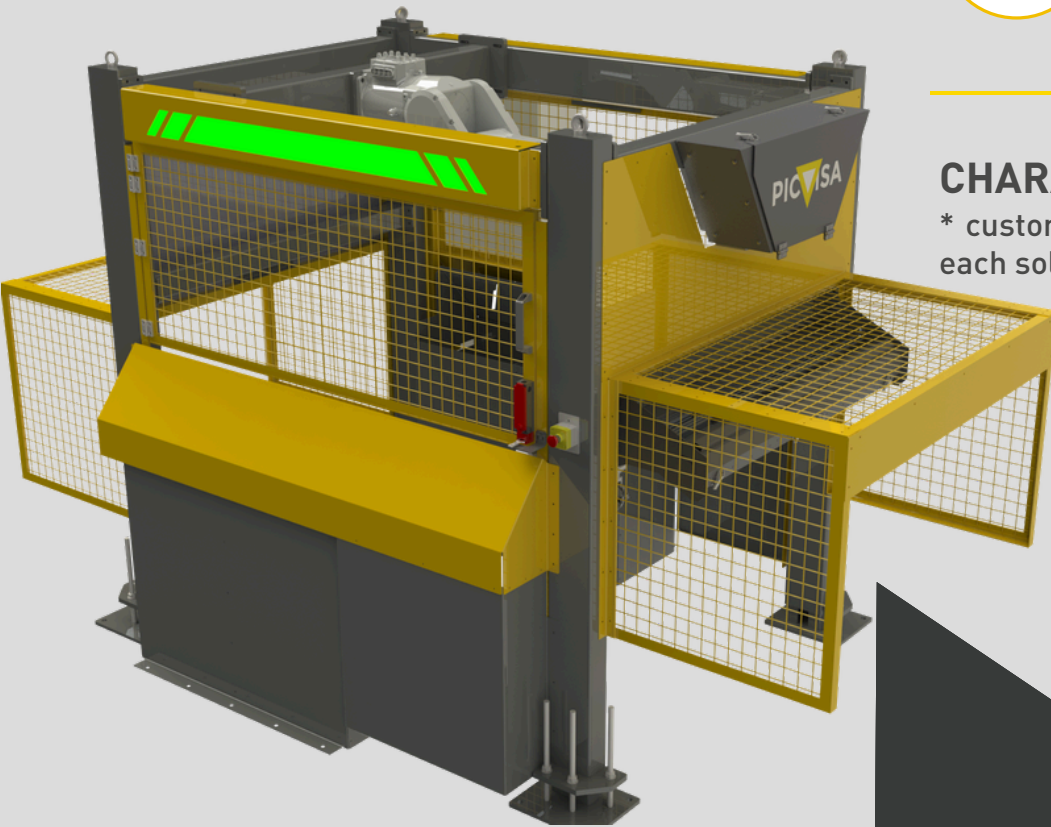
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## CHARACTERISTICS

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Model	Ecopick 2.0
Vision system	RGB and/or NIR sensors, 3D
Robotic arm	1
Grip system	Suction via suction cup, mixed suction and magnet system, revolver with double suction cup
Picking	1 pick/second
General dimensions	2200x 3553,5 x 2600 mm
Maximum working width	1200
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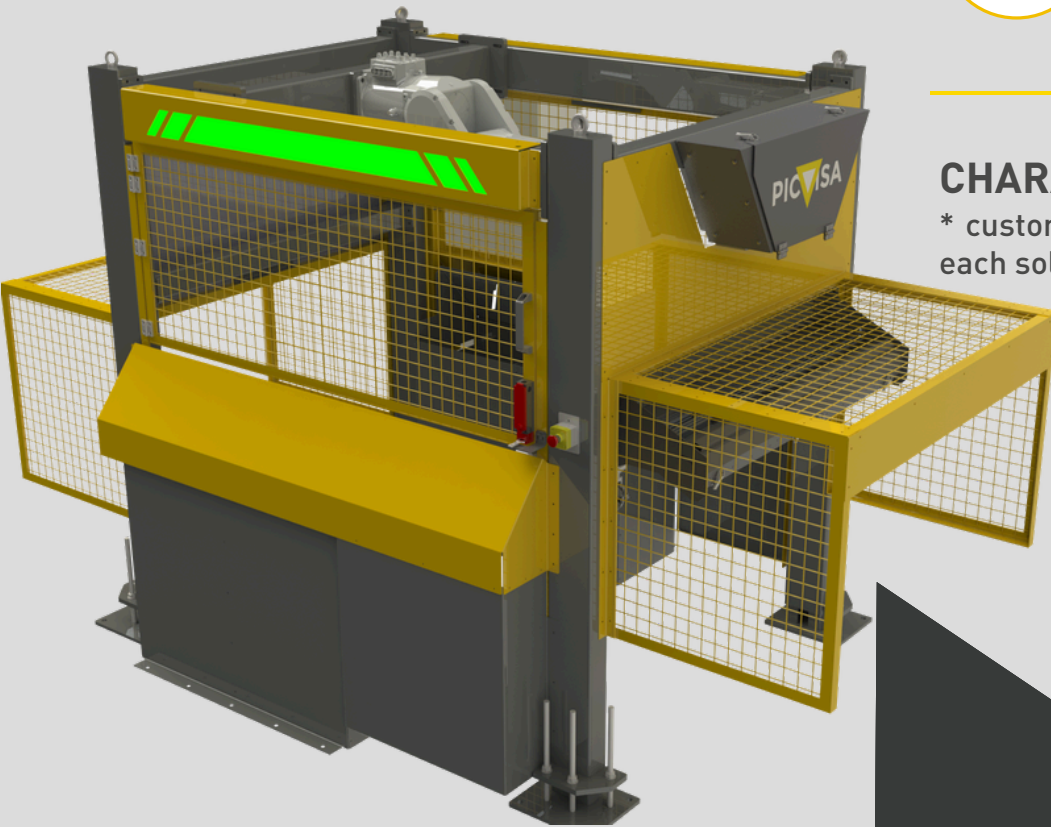
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## ARTIFICIAL INTELLIGENCE

With algorithms of Deep Learning and Reinforcement Learning



## MACHINE VISION

RGB and/or NIR sensors, 3D.



## ROBOTICS

Gripping by clamp, suction cup, magnet, etc.

# ADAPTABLE TO DIFFERENT APPLICATIONS

## SORTING

ECOPICK can be adapted to recognise and separate any recoverable material.



### HAZARDOUS WASTE

Separation of:

Thermometers  
Aerosols  
Injectables  
Batteries  
Canisters



### VALUABLES

Recovery of:

PET Bottle  
HDPE Bottle  
Tray  
Film  
Cans  
Tetrabrik  
Paper  
Cardboard  
Glass  
Textile



### PET

Separation of:

PET bottles vs. trays  
vs. improper



### PEAD

Separation of:

HDPE bottles vs.  
silicone tubes vs. film  
vs. improper



### ALUMINIUM

Separation of:

Aluminium cans  
vs. other metals vs.  
improper



### TETRABRIK

Separation of:

Tetrabrik vs. improper



### PAPER CARDBOARD

Separation of:

Paperboard vs.  
packaging vs. improper



### FILM

Separation of:

Film vs. bottles  
vs. improper

## QUALITY CONTROL

ECOPICK can be configured to perform purification tasks on final product streams.

1

### CONTACT

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### OUR REFERENCES

Ask for a visit to one of our installed units.

3

### TEST CENTRE

Before you invest, test your equipment in our Test Centre.

4

### CONFIGURE YOUR ROBOT

We are flexible, we adapt to your plant

[www.picvisa.com](http://www.picvisa.com)

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