PICVISA

# 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

| | |
|---|---|
| **Model** | Ecopick 2.0 |
| **Vision system** | RGB and/or NIR sensors, 3D |
| **Robotic arm** | 1 |
| **Gripping system** | Via suction cup, mixed suction and magnet system, revolver with double suction cup |
| **Picking** | 1 pick/second |
| **Overall dimensions** | 2200x 3553,5 x 2600 mm |
| **Maximum working width** | 1200 |
| **Maximum object size** | A3 |
| **Maximum object weight** | 4 kg |
| **Maximum nº of hoppers** | 8 |
| **Belt speed** | 0,5 - 1m/s |
| **Air consumption** | 64 l/min |
| **Availability** | > 95% |

# ADAPTABLE TO DIFFERENT APPLICATIONS

### 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.

## 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

## QUALITY CONTROL

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

### 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


1

### CONTACT

Sales contact:
Silvia Gregorini

sgregorini@picvisa.com

+34 623 192 931

2

### 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