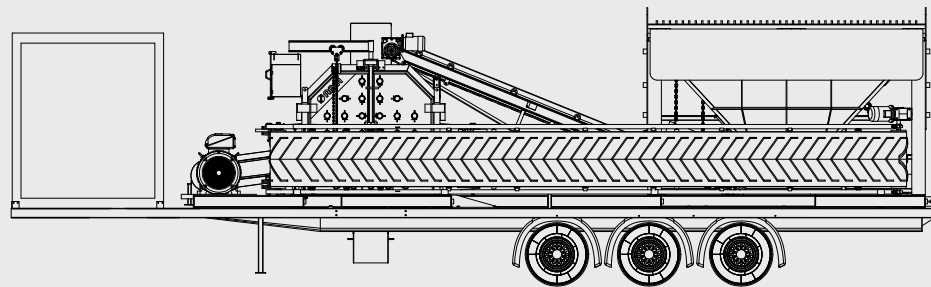




# TERTIARY PLANT LEMMING III

- CR** ICR-T Piscis 1400 / 2000
- FD** FD-AM 800 / 1000
- CB** CD-JN 650 / 800



## LEMMING CRUSHERS

# TERTIARY PLANT LEMMING III ON WHEELS

# LM

IMPACT CRUSHER  
**CR** ICR-T Piscis

FEEDER  
**FD** FD-AM

CONVEYOR BELT  
**CB** CB-JN



### Security Systems

Designed exceeding regulations, with accessibility, and ease of use criteria.



### Cost Savings

Ceramic casting with maximum duration and performance. Engine performance optimization.



### Eco Friendly

Built-in speed variator. Electricity consumption reduction: DINAFLOW SYSTEM



### GENERAL DATA

Transport height	4000 mm
Transport width	2550 mm
Transport length	13600 mm
Weight	28000 / 29500 Kg

### IMPACT CRUSHER ICR-T PISCIS 1400 / 2000

Production	90 / 120 TPH
Maximum feed size	90 mm
Impact plates	4
Blow bars	2 / 4
Plate regulation	Hydraulics
Power	160 / 200 kW
Crusher weight	9000 / 10400 Kg

### PERMANENT MAGNET IMP-820

Magnetic power	400 Gauss
Maximum extraction height	200 mm
Degree of protection	IP65
Optimum belt speed	0,5-1,5 m/s
Weight	500 Kg

### METAL DETECTOR SAP8-01

Maximum extraction height	200 mm
Degree of protection	IP55
Power tension	220 V
Optimum detection speed	0,5-2 m/s

### BAND FEEDER

Width	800 mm
Length between drums	1240 mm
Band Type	Smooth
Transmission	Gearmotor
Power	4 kW
Maximum torque	1000 Nm

### CONVEYOR BELTS

Belt width	500 / 800 mm
Band Type	Smooth / Ribbed
Transmission	Gearmotor
Power	4kW

### DISTRIBUTION BOARD

Metal galvanized steel cupboard painted in the oven and with watertight IP54. Electric panel equipped with POWER ELECTRONIC frequency drives, SD300 for the control of the feeder and SD 700 for the regulation of the crusher engine. Magnetic and thermal protection, protection differentials for indirect contacts and control automation of the equipment. Set installed in a second protective cabinet against vandalism, IP66 sealing. Optional installation of temperature probes in motor and bearings in addition to vibration sensor of the crusher.

### TRAILER

Structure formed by double T beams.  
6 tyres 385/55 R22.5  
Telescopic support legs to lift and lower the trailer both when loaded and unloaded.  
Side and rear protections in aluminium.  
EBS + RSS brake system with anti-lock control system.



**CR 90 / 120 TPH**

**HARD & ABRASIVE STONE**

**HIGH PRODUCTIVITY**



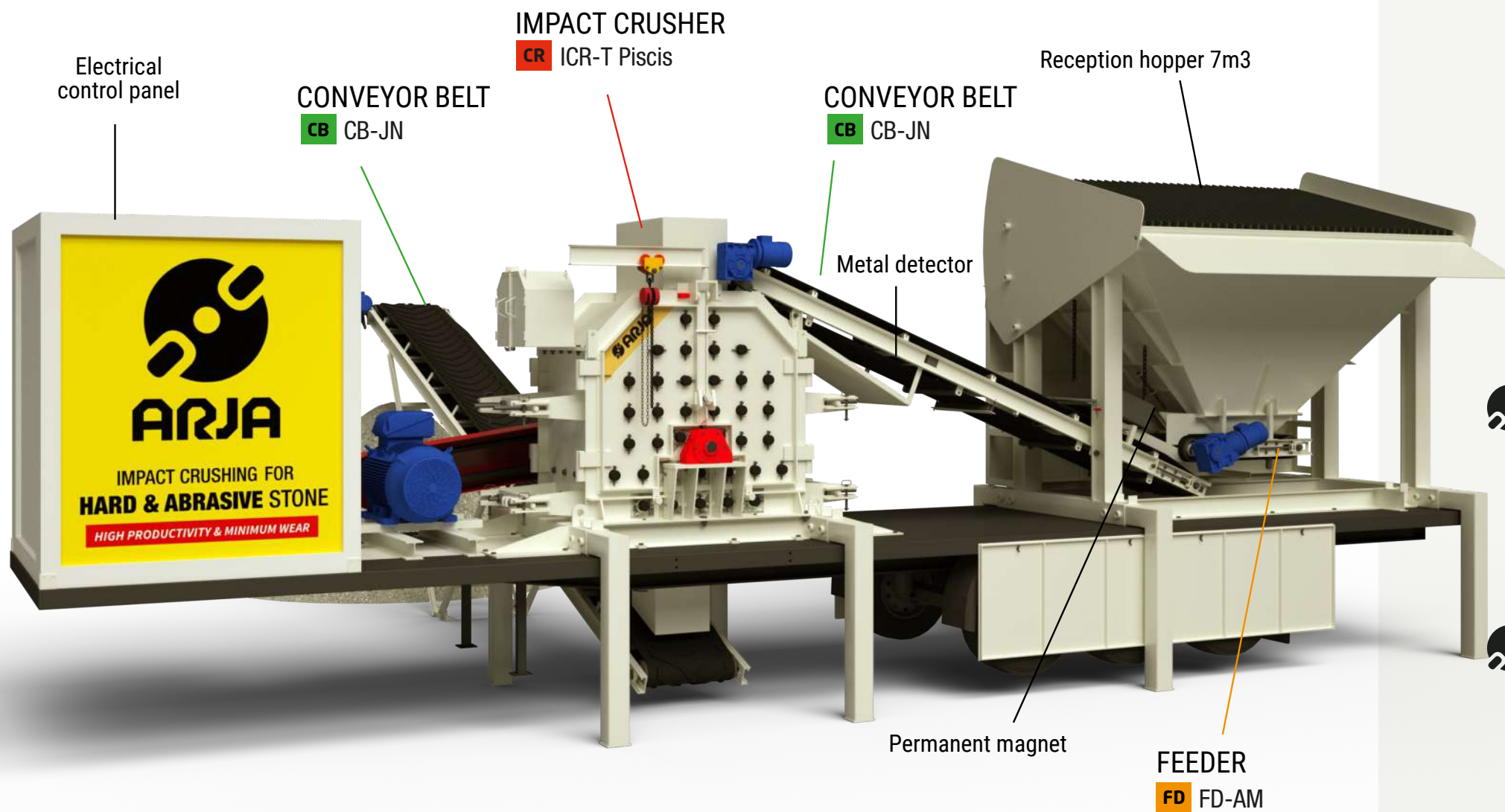
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**Automated WiFi control (Optional)**

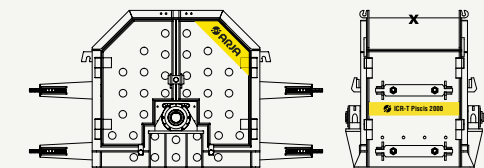
## FEATURES:

- Thanks to the DINAFLOW system together with the rotor impact with horizontal axis crushing system, the inertia produced by its movement is used to generate electricity, reducing the consumption of electrical energy.
- Maximum engine performance thanks to the speed variator equipped in the series. Thus enabling a constant granulometric curve at the same time.
- Complete portability without the need for vehicles and/or special accessories.
- Equipped with a sorting unit before the shredder to ensure the optimization of the chamber, considerably reducing wear thanks to the elimination of crusher fines. It has a bypass system for the use of crusher fines in case they are considered good.
- ARJA crushers are characterized by extensive experience in the world of impact crushing, with the Piscis series that opened the way. Sandboxes and shape rectifiers with maximum production while preserving optimum cubicity.
- Our impact crushing equipment comes equipped as standard with a metal detector and a permanent magnet for the complete protection of the machinery, thus preventing the entry of non-crushable, ferrous elements into the chamber.
- The crusher's components that are most exposed to wear and tear will be designed in a ceramic alloy material.
- Receptacle hopper made of 6 mm thick steel plate and a framework of transverse reinforcement ribs on all sides.
- There is a grid on top to prevent the accidental entry of oversized material.
- Equipped with a control booth to house and protect the electrical and operation panel, which enables safe maintenance work and easy accessibility for the operator.
- Centralized equipment regulation and control system in an electronic tablet thanks to the installation of programmable automation. The Vijeo Design'Air app for Smartphones is available as an optional accessory.
- The equipment is pre-installed with an irrigation system for dust removal.
- Concerning safety and protection systems for the worker required by European regulations, ARJA shredders have a limit switch installed in the access doors to the chamber that cuts off electrical current travelling to the engine. In addition, the bolt that enables opening the doors has been designed to allow the rotor to be locked, thus preventing accidental entrapments.
- It has four telescopic legs by means of a hydraulic system.
- To ensure the manufacture of a product with the highest quality, all components have been strictly selected due to being the best on the market (bearings, cast elements, electrical equipment, etc.)



## IMPACT CRUSHER ICR-T Piscis

HYDRAULIC CLAMPING SYSTEM

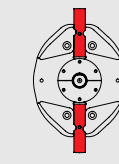


CR	Production	Power	Feed opening	Feed size	Weight
Piscis 1400	90	132	220 x 660	0 - 90	9200
Piscis 2000	120	200	140 x 1000	0 - 90	10400



ICR-T Piscis 1400

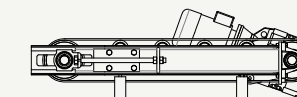
1055	Diameter	1000
680	Length	1025
1700	Weight	2300
2	Bars	4



ICR-T Piscis 2000



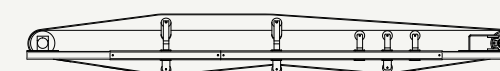
## FEEDER FD-AM



FD	Production	Power	Weight	Un
Model	TPH	kW	Kg	Un
FD-AM 800	150	4	150	1



## CONVEYOR BELT CB-JN



CB	Dimensions of tray	Production	Power	Dimensions of tray
Model	mm	TPH	kW	mm
CB-JN 650	650	90	3	0 - 80
CB-JN 800	800	120	4	0 - 100

Production Power Feed opening Feed size Weight Dimensions of tray Motovibrators



**Ease of mobility to satisfy your needs!**