

# ORUWASH

CONCRETE RECYCLING PLANT



## RECYCLING MACHINE FOR RESIDUAL FRESH CONCRETE AND WASHING WATER



### SEPARATOR

- concrete collection hopper
- screw feeder for aggregate separation
- anti-wear screw feeder blades
- hot galvanized frame
- water inlet system

### ACCESSORIES

- water tank with agitator
- immersion electric pump
- truck mixer washing point
- electromagnetic doser and pneumatic valve for water plant
- electrical management board with cables

## TECHNICAL DATA

### STANDARD CONFIGURATION

Theoretical maximum production diluted concrete	20	m <sup>3</sup> /h
Standard operating voltage	400/50	V/Hz
Outside screw diameter	830	mm
Screw diameter	780	mm
Screw feeder power	7,5	kW
Screw separator weight	1960	kg
Feeding hopper base dimension	3,0x1,5	m
Operating temperature	0÷+50	°C
Aggregates maximum dimensions	30	mm

### WASHING WATER DECANTATION TUBS

Square tank dimensions (max)	3,6x3,6	m
Square tank depth	2,9	m
Circular tank diameter	3,6	m
Circular tank depth	2,9	m

## ACCESSORIES

### TRUCK MIXER WASHING SUBMERGED PUM

Capacity	40	m <sup>3</sup> /h
Prevalence	1	bar
Absorbed power	2,2	kW

### SUBMERGED PUM FOR WATER PUMPING TO PLANT

Flow rate (with weight water dosage)	40	m <sup>3</sup> /h
Prevalence	2	bar
Absorbed power	4,0	kW

### ELECTRO AGITATOR (UP TO 40 M<sup>3</sup>)

Blades diameter	700	mm
Absorbed power	2,2	kW

### ELECTRO AGITATOR (OVER 40 M<sup>3</sup>)

Blades diameter	1100	mm
Absorbed power	4,0	kW

### ELETTROMAGNETIC LITER COUNTER

Diameter (DN)	50	mm
Protection level	60	IP

## LAYOUT ORUWASH

