



**Exposé**

**MAQUIyTEC**  
Maquinaria y Tecnologías

# Concrete Mixing Plant **SIMEM WETBETON 80**



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# Concrete Mixing Plant WETBETON 80

Offer number: A-231205-2001  
 Year of construction: 2001  
 Brand: SIMEM  
 Model: WETBETON 80  
 Capacity: 80 t/h

## Build by components:

- 1 Aggregates group with 5 bins, total capacity 160 m<sup>3</sup> with aggregates walls 5+4 mm. Containing walls height 40 cm bolted on top of the three external sides
- 5 Protection grills mounted on top of aggregates bins
- 5 Double galvanised dosing cones and gates, with double doors and cylinders
- 3 Vibrators on sand gates
- 1 Galvanised weighing hopper, 18 m<sup>3</sup> capacity
- 2 Vibrator fixed on weighing hopper
- 1 Weighing system with 4 load cells C3 class 10.000 kg, jointed with analogic display EV2001
- 1 Extractor belt 800 mm x 14 m - v=50 t/m - Motor 11 kW - Flow rate 216 m<sup>3</sup>/h CE safety protection
- 1 Inclined belt 20°, 800 mm x 32 t - v=120 t/m - Motor 18,5 kW - Flow rate 220 m<sup>3</sup>/h
- 1 Service floor close to the inclined belt with CE protection
- 1 Aggregates waiting hopper 3000 l with vibrator
- 1 Aggregates deviator to mixer or to dry loading point

## Cements

- 2 Bolted silos, diam. 3.5 t, 90 m<sup>3</sup> capacity (120 Ton.)
- 2 Monolithic silos, diam 2.9 t
- 2 Fluification system
- 2 Minimum level indicator
- 2 Maximum level indicator
- 2 Pressure safety valves
- 4 Screw conveyors Diam. 273 mm
- 4 Duster filters on silos top
- 1 Cement hopper 3000 l with pneumatic butterfly valve and vibrator
- 1 Dust filter 1mq with pneumatic cleaning system
- 1 Weighing system 3 load cells C3 with display EV2001
- 1 Horizontal screw conveyor diam. 273 mm, from cement hopper to the mixer or to the dry loading point

## Water for mixer

- 1 Water hopper 6000 l
- 2 Pneumatic butterfly valves to load clean and dirty water
- 1 Weighing system 1 load cell with display EV2001

## Water for Dry point

- 1 Flowmeter DN80
- 2 Pneumatic butterfly valves to load clean and dirty water

## Dust filter for Dry point

- 1 Dust filter RM6000 with galvanized service floor and automatic advanced cleaning system
- 1 Screw conveyor 114 mm x 9 t to discharge cement dust on cement weigher
- 1 Dust suction hood installed on top of the loading point

## Mixer

- 1 Open portal supporting frame height 5 m for the mixer; lateral service floor and single ramp access stair. Hot galvanisazion for all items.
- 1 Twin shaft horizontal mixer MSO 3001
- Dry filling capacity 3.000 l, concrete output 2.000 l (max. 4.800 kg)  
Two planetary type gearboxes with three reduction stages, driven by two electric motors power 2 x 37 kW, through elastic transmission; one syncro shaft installed between the gearboxes; two articulated joints between gearboxes and main shafts
- 1 Automatic washing system 50 bar 18,5 kW
- 1 Airbag on the top of mixer
- 1 Concrete conveyor chute

## Pneumatic

- 1 Screw type Compressor 7.5 kW, 10 Bar outlet air pressure
- 1 Air tank capacity 1000 l
- 1 Air dryer 1100 l/min

## Control system

- 1 MCC power control 400V 50Hz
- 1 Electronic starter for mixer motors
- 1 Mixer pushbutton panel for starting, door opening, washing
- 1 Software Elettrondata Betonsystem

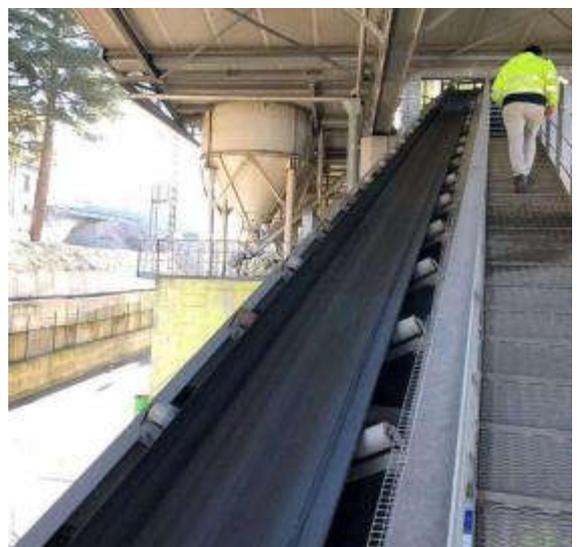
## Admixture

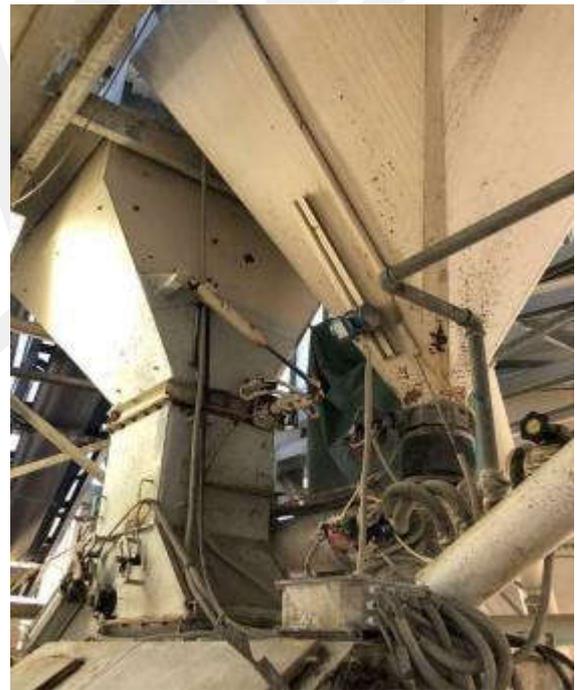
- 2 Additive dispenser with pumping system

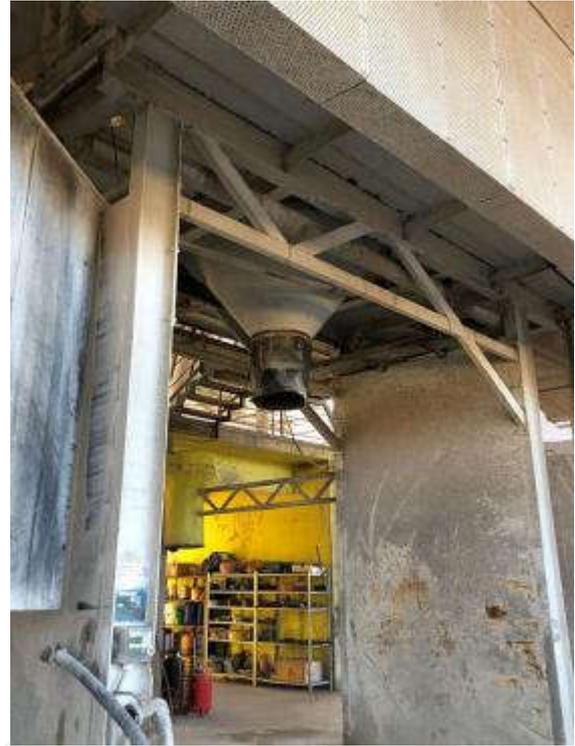
## Status:

**The plant is in good conditions!**  
**Sales price on request**

**Photos:**

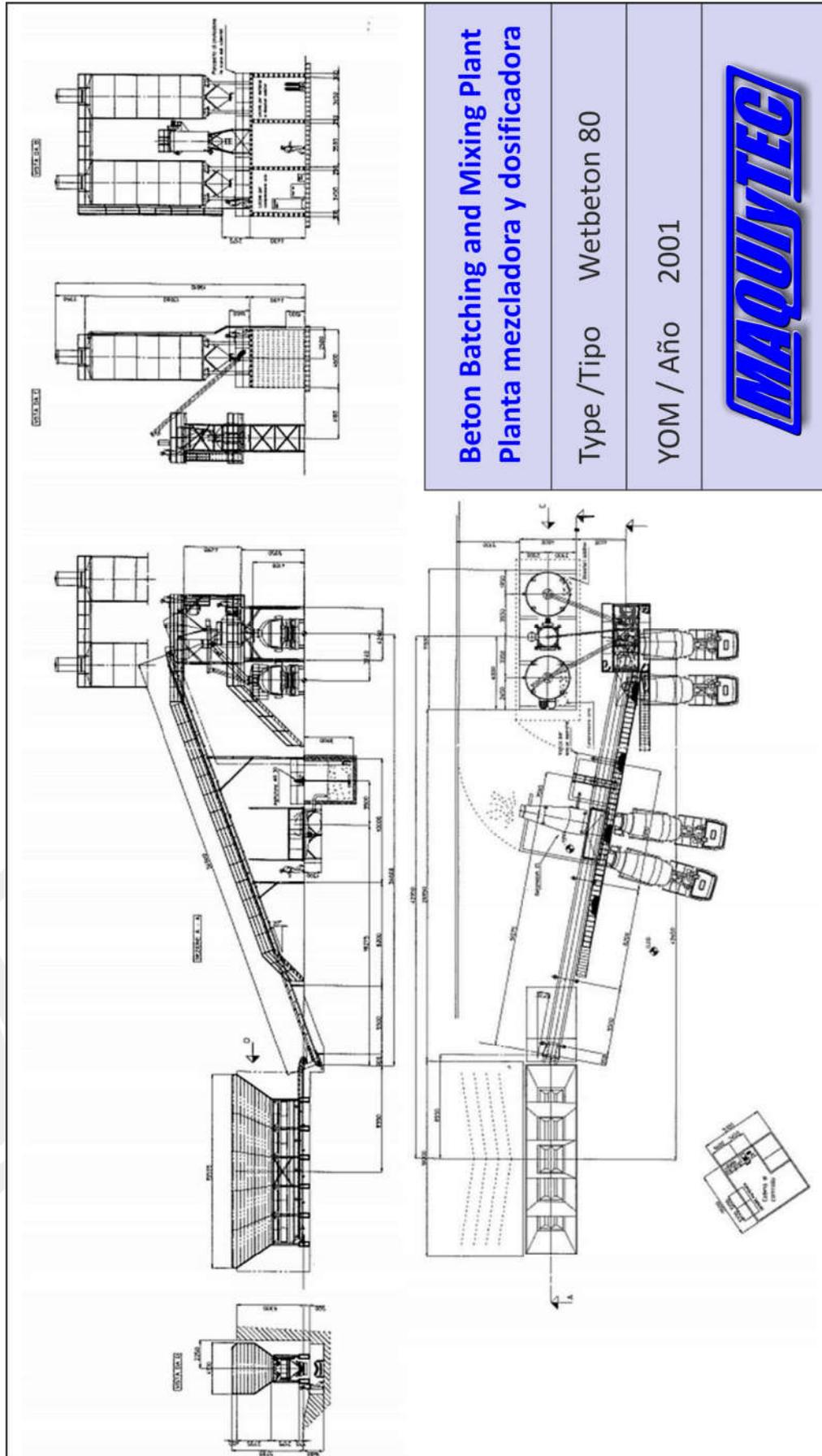






To see the photos in higher resolution please visit our web site.  
<http://www.maquiytec.com/ph/wetbeton-80.htm>

## Plan of the plant:



### Beton Batching and Mixing Plant Planta mezcladora y dosificadora

Type / Tipo Wetbeton 80

YOM / Año 2001

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