

Factory for production of concrete elements in Osijek

Name: Plant for concrete elements production

1. Type: Rossacometta
2. Year of production: 1999
3. Capacity: 10-12 m³ / 1h (production of elements from concrete)
4. Description:
 - Plant for concrete elements production from wet earth concrete. It is equipped with 4 hoppers for material with volume dosage of fractions. 2 silos for cement, total capacity of 90 tons. Mixer of 1500 l with a scale for cement of max 500 kg. Plant for finished concrete elements consists of:
 - Press – receiving hopper capacity of 1m³, press with a hydraulic power station and moulds for elements production
 - Control cabin – completely automatic module and plc device driven performance
 - Packaging machine – catching device with hydraulic power station, puts dry elements to pallets – automatically
 - Robot – carrier of prefinished and dry elements from the machine to drying chambers. It has 9 levels for 18 work surfaces

Work surface is a wooden pad with dimensions 1400x650x40 mm, max height of a product ranges from 40 to 300 mm.

Propulsion: three-phase current 380 V, 50 Hz

Voltage of support control circles: 110 V

Voltage of power supply PLC -24 V

Note: a client should provide different energy sources to places for connection

One distribution cabinet for connecting a control panel with a kit equipped with a safety switch, it is recommended to install one voltmeter and one amperemeter; connections (wires) have to be of a specific type. Air compressor, pressure of at least 5 bars, working pressure of 6 bars.

Location of the factory for production of concrete elements

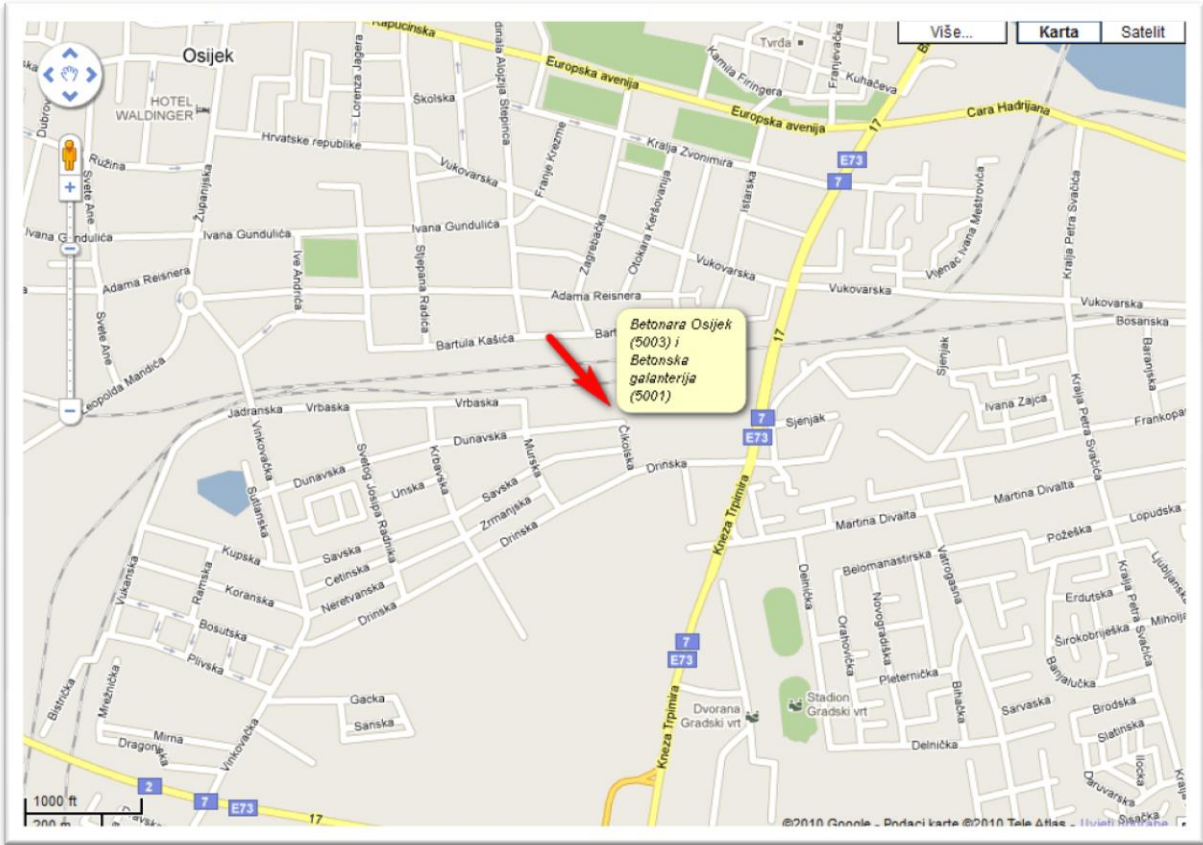


Photo of the factory for production of concrete elements in Osijek



Production process

Photo of production – packaging



Photo of production – transport of elements



Photo of production – concrete mixer



Photo of production – press



Photo of production – controlling



Photo of production – drying chamber

