ZENITH

Traveller

**Environment–
friendly**

**Intelligent
Interaction System**

913

The Traveller

CHAMPIONS
MADE IN GERMANY

913

The Traveller

Hollows, solids, foundation and chimney blocks – to mention only a few examples. ZENITH model 913, the ideal concrete block making machine for economical mass production of high quality concrete blocks. Available in semi- and fully automatic execution. Outstanding performance in open area or buildings. Safe handling and well proven design principles guarantee efficient operation of ZENITH model 913, even still in decades. Different moulds are easily interchangeable. The machine produces concrete elements directly onto the ground, in lines - cycle by cycle. Running wheels of machine are outfitted with Vulkollan coating for protection of concrete floor. Equipped with hydraulic shunting wheel for turning of machine at end of production lines. More than six thousand machines of this type are in operation – worldwide.

ZENITH offers for all travellers comprehensive equipment for concrete block handling. Cubers with special clamps are available. Transport of fresh concrete from batching and mixing plant to block machine is preferably made with a forklift equipped with a hopper or with a special concrete loader. Ask ZENITH for the options available.

Safety and quality are guaranteed by ZENITH providing original ZENITH parts are used.

Features

1

Main movements of machine are controlled by proven directional SLF control valves. With the fully automatic machine, these valves are equipped with additional control magnets for automatic as well as for manual operation.

2

Telescopic springs at the machine safety cage allow quick accessibility to mouldarea for easy cleaning and maintenance. Robust and easy to handle lock systems provide full safety.

3

For production of insulating blocks, machine can be equipped with a polystyrene core insertion device.

4

With machine 913 Speed & Comfort, the electric drive unit with frequency control allows a fast and at the same time gentle machine travelling.

5

Fully automatic machine 913 Speed & Comfort is equipped with a robust, fully automatic controller, specially developed for use with mobile work machines.
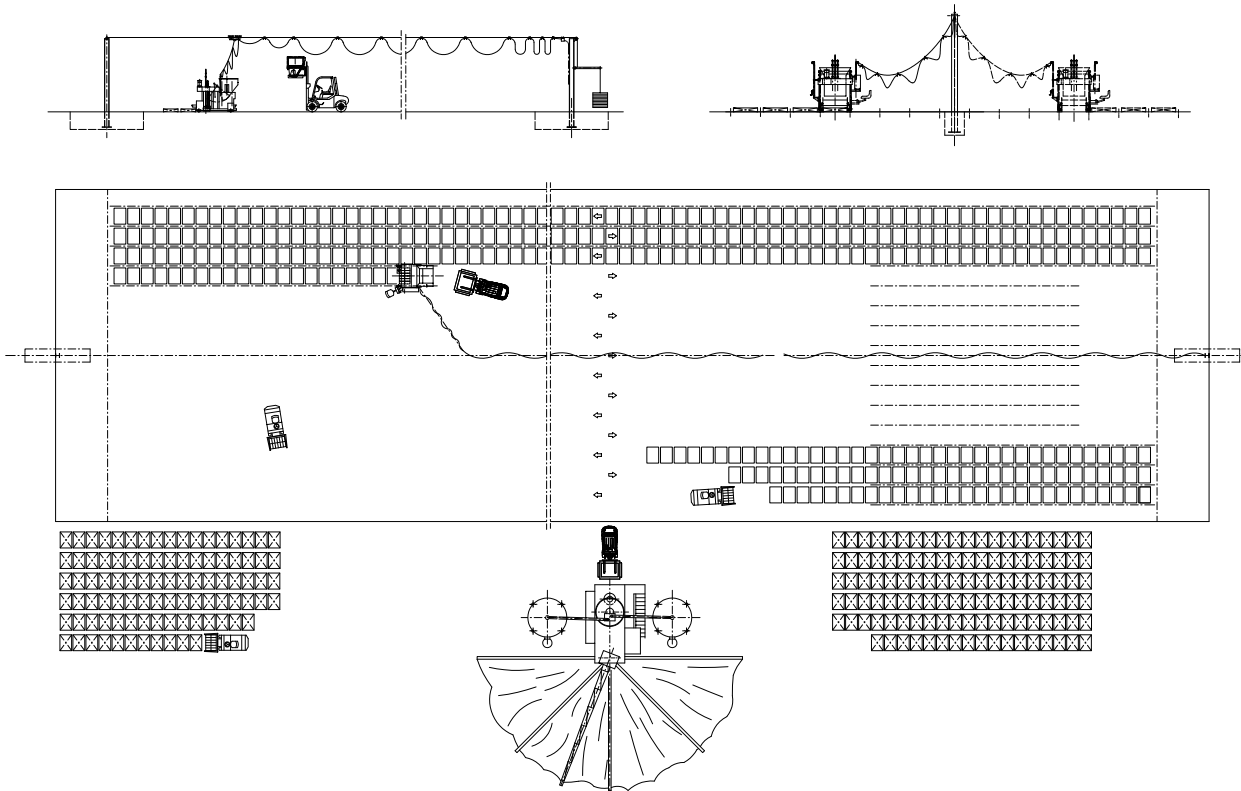The dialogue module with colour display and clearly arranged visualisation allow easy operator access.

6

As an option, machine 913 Speed & Comfort can be equipped with ultrasonicdevices for fully automatic correction of travel direction.

Examples of products

Layout

Technical details

Features

Features

Hopper volume	1.000 l
Loader feeding height max.	2.005 mm
Max. production width	1.240 mm
Max. production depth	1.130 mm
Min. production height	175 mm
Max. production height	330 mm

Machine weight

With mould and vibrators	ca. 5.500 kg

Machine dimensions

Total length	2.850 mm
Total height max.	3.000 mm
Total width	2.337 mm

Machine data / Power supply

Vibration system

Max. 4 mould vibrators	48 kN
Max. 2 tamper head vibrators	20 kN

Hydraulics

System: high pressure circuit	
Operation pressure	250 bar

913 Standard	**913 Speed & Comfort**
Capacity: 12 l/min	Capacity: 14,2 l/min

Electrics

Power consumption with max. nos. of vibrators	18 kW

913 Standard	**913 Speed & Comfort**
Control system: with contactor control	Control system: fully automatic controller with dialogue module and visualisation

Technical details are subject to changes – without prior notice. Pictures of equipment shown are examples only. Photos may include optionals as per customer´s demand.

ZENITH

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