

MB-S30

ON-SITE TYPE CONCRETE BATCHING PLANT



MEKA

Low Operational and Maintenance Cost

With its simple structure, it is very easy and economical to operate and make maintenance of it.

Flexibility in Producing Concrete

4 different aggregates can be used in concrete production.

Small Installation Area Requirement

The plant needs very small installation area. No need for permission for the installation.

Super Mobility

It can be towed with integrated hook very easily inside Jobsite area or between different job site areas.

One Container

Complete plant including concrete transfer conveyor can be delivered with only **1 unit 40' Open Top (OT) Container** or only 1 unit standard truck.

Quick Start Up Time

The plant can be started up within only few hours.

Zero Foundation

There is no need for a special concrete foundation. Simple flat concrete ground is enough.

High Quality Concrete Production

With PLC system and very precise weighing system designed for all materials (aggregate, cement, water, additive) can be weighed in separate weighing batchers, it is very easy to produce high quality concrete.



PAN MIXER

Capacity

750/500 l. (0,5 m³ vibrated concrete/batch)

Drive

18,5 kW Motor + Planetary Gearbox

Mixing Paddle

Ni Hard 4

Inner And Outer Scraper

Ni Hard 4

Bottom Lining

Hardox 450/500

Side Lining

St 52

Mixing Arms

1040 Steel

Discharge Gate Hydraulic Piston

Ø 63 x 300 mm Hydraulic Piston

CEMENT FEEDING SYSTEM

Bag and/or big bag cement feeding system as standard or cement silo can be used in the plant.

AGGREGATE BIN

Bin Volume

10 m³

Aggregate Compartment Discharge Gates

4 x 2,5 m³ or 2 x 5 m³

1 discharge gate per compartment.

Pneumatic Discharge Piston

4 units Ø 80 x 160 mm Pneumatic Piston

Sand Vibrator

2 units MVE 200/3

CONCRETE TRANSFER CONVEYOR

Dimensions

650 x 14.500 mm

Drive

11 kW motor + gearbox with return lock.

Rubber Belt

EP 400 3 layers; 4/2 coating, 9 mm thickness

Drum

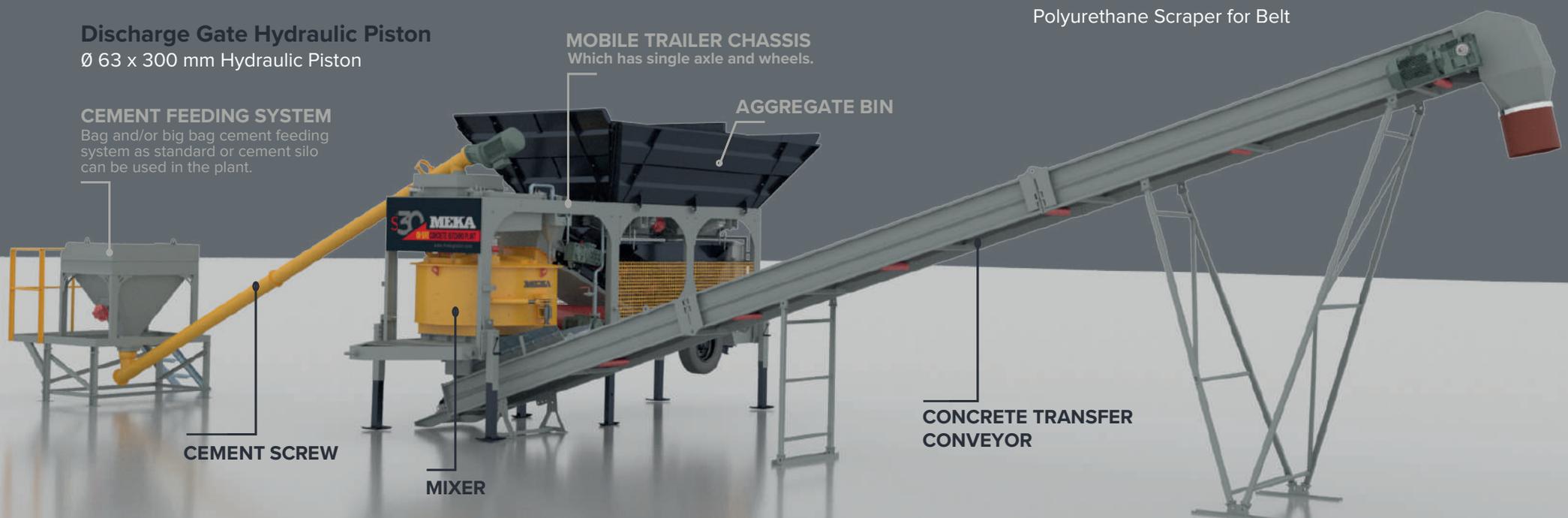
Drive Drum covered with 10 mm rubber

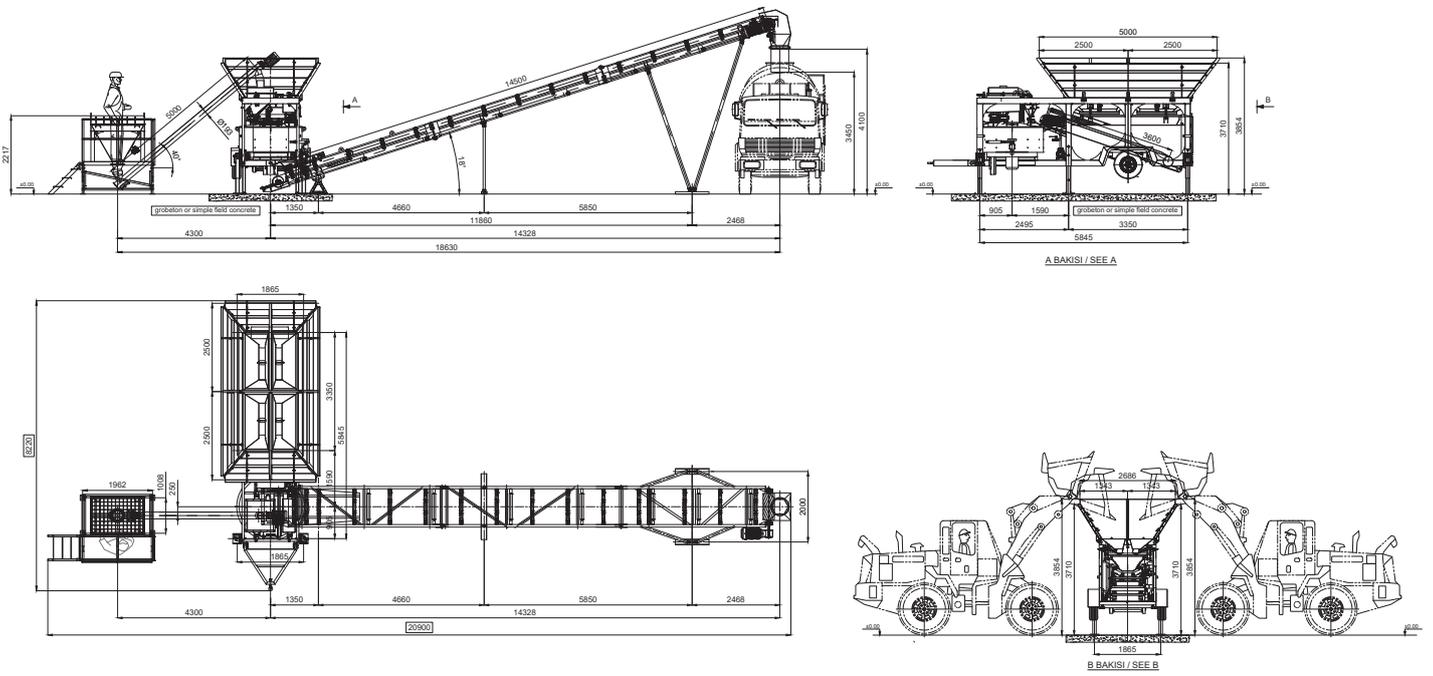
Bearing

SNH series bearings with lubrication greasers

Scraper

Polyurethane Scraper for Belt





MEKA MB-S30 TECHNICAL SPECIFICATIONS

Production Capacity	30 m ³ /h
Mixer Capacity	750/500 l. (0,5 m ³ /charge)
Mixer Type	MEKA Pan Mixer
Aggregate Bin Capacity	4x2,5m ³ or 2x5 m ³
Cement Weighing Hopper Capacity	300 kg
Water Weighing Hopper Capacity	160 kg
Additive Weighing Hopper Capacity	15kg
Air Compressor	Included
Water Pump	Included
Cement Screw Conveyor	Ø 193 x5000 mm
Cement Bag Feeding Hopper Capacity	1,5 ton (with mechanical cutter)
Cement Silo	Optional (50 ton, 75 ton)
Concrete Transfer Conveyor	650x14.500mm (Discharge Height: 4105 mm)
Mobile Chassis with Single axle and tires	Included
Control System	Siemens PLC+ Siemens Touchmatic Control Panel

For your small projects, MEKA designed MEKA MB-S30 Mobile Concrete Batching Plant which is a mini special concrete plant. All equipment are placed on a special mobile trailer chassis which has single axle and tires. The plant can be easily moved by the means of the integrated pulling hook inside jobsite. All high quality concrete formulas according to international standards can be produced by MB-S30 Mobile Concrete Batching Plant using fully automatic control system equipped with PLC and Touchmatic Control Panel.

