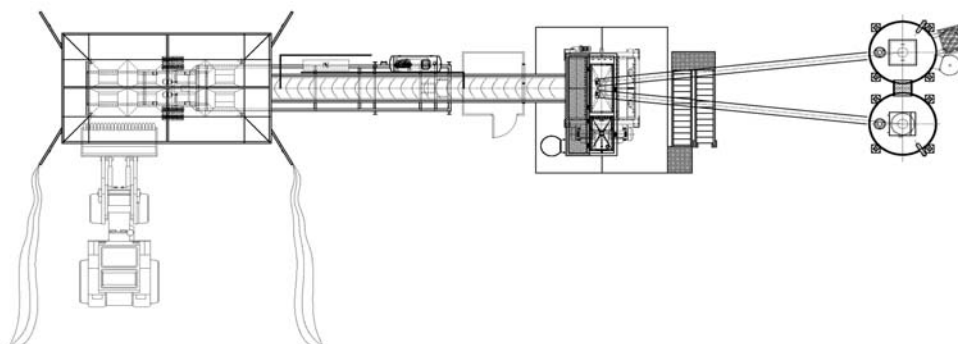
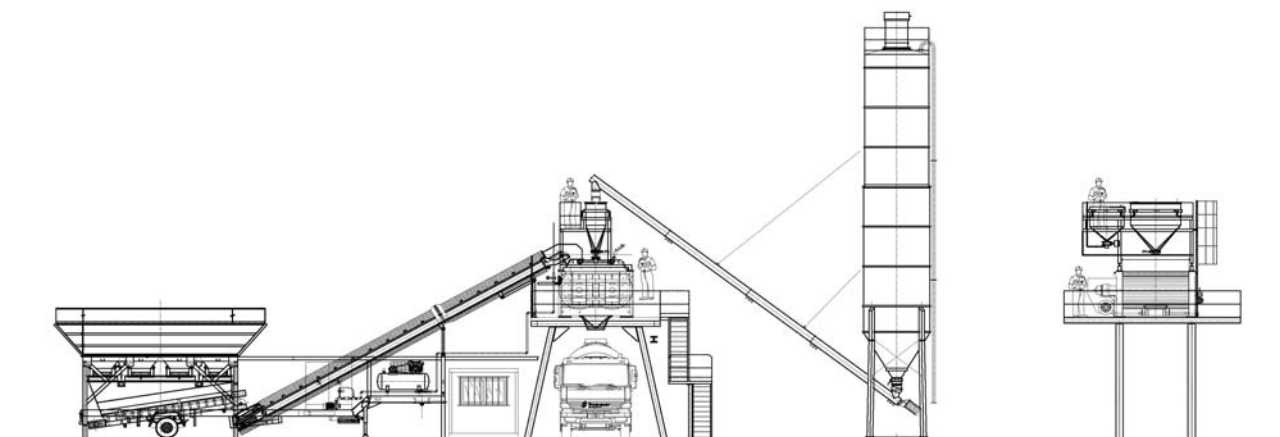


CONCRETE BATCHING PLANT

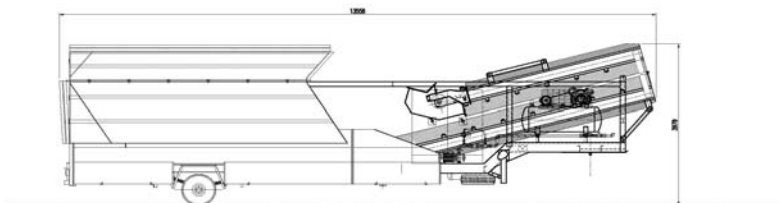
COWETE-3302

THEORICAL PRODUCTION CAPACITY.....	100 m3 PER HOUR
AGGREGATES CAPACITY.....	4 HOPPERS IN PANEL x 10 m3 (40 m3)
MIXING CAPACITY PER BATCH.....	3 m3
TYPE OF MIXER.....	TWIN SHAFT MIXER
CEMENT CAPACITY.....	2 x 55 Tn (110 Tn)
TOTAL POWER.....	180 kW
ABSORBED POWER.....	156 kW

GENERAL DRAWINGS

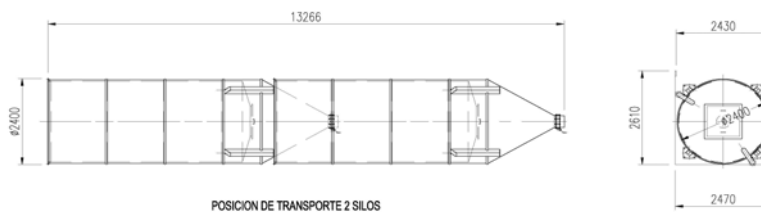


LOGISTICS INFORMATION



MAIN STRUCTURE

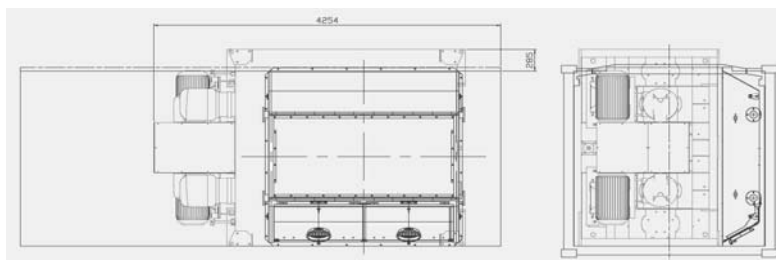
Length (mm).....	13.558,00
Width (mm).....	3.979,00
Height (mm).....	2.500,00
Volume (m3)	134,87
Weight (Tn).....	15,00
Road transport.....	Truck head
Transport by ship.....	Volume



POSICION DE TRANSPORTE 2 SILOS

2 CEMENT SILOS

Length (mm).....	13.266,00
Width (mm).....	2.400,00
Height (mm).....	2.400,00
Volume (m3)	76,41
Weight (Tn).....	8,00
Road transport.....	Tauliner
Transport by ship.....	Volume



OTHER COMPONENTS

Length (mm).....	-
Width (mm).....	-
Height (mm).....	-
Volume (m3)	-
Weight (Tn).....	18,00
Road transport.....	Tauliner
Transport by ship.....	Container 40' OT



OTHER COMPONENTS

Length (mm).....	-
Width (mm).....	-
Height (mm).....	-
Volume (m3)	-
Weight (Tn).....	24,00
Road transport.....	-
Transport by ship.....	Container 20' OT

TECHNICAL DESCRIPTION

TE000814 AGGREGATES HOPPER WITH 4 COMPARTMENTS

Total capacity of the whole: 40 m³.

Dimensions of the whole set: Length 7.400 mm x Width 4.100 mm.

Aggregates feeding to conveyor belt, by 8 unloading mouths actuated by pneumatic cylinders.

Made of steel plate 4, 5 y 6 mm. thickness, reinforced by cold-rolled sections and folded plate.

Equipped with 2 electric vibrators.

TE000613 WEIGHING CONVEYOR BELT FOR CP-3000 PLANT.

4/5 aggregates types, (compartments).

650 mm flat belt made from 4 canvas.

Total capacity: 7000 Kgs.

Idler pulley of 275 mm diameter.

325 mm vulcanized drive pulley.

Set of 3 troughing idlers 89 x 200 mm.

Distance between them: 300 mm from one to another with watertight bearings.

Made of folded steel plate.

Frame made from UPN, and reinforcements made from cold-rolled sections.

Vibrator on unloading chute.

Protections in drive pulley and idlers.

Full pretection in lateral rollers.

Protections in the conveyor's lower part.

10 HP geared motor, at 48 r.p.m.

Weighing system by 4 load cells of 3000 kgs each.

TE003391 CONVEYOR BELT TO MIXER

Folding equipment manufacturing for compact transport.

Length: 13.200 mm.

800 mm. grooved belt, 3 layers.

Tension pulley diametre: 275 mm.

Drive vulcanized pulley: 325 mm.

3 troughing idlers \varnothing 89 x 250 mm. with watertight bearings.

Distance between rollers 700 mm.

Shock-absorbers rollers at the loading area.

Frame made of folded plate, L-shaped reinforcements.

15 HP geared motor at 97 r.p.m.

Turning detection device.

Anti-return device.

LOADING CHUTE TO MIXER.

Made of 4 mm. steel plate.

Inspection gate at the top.



TE000548 12 MTS. PLASTIC COVERING FOR CONVEYOR BELT W-800

TE003313 2 x CEMENT STORAGE SILO 55 Tn. (DETACHABLE).

Capacity: 55 Tn. (45,8 m3).

Made in two dismantled parts one inside other to make easier the transport.

Diametre part I: 2.320 mm.

Diametre part II: 2.240 mm.

Total height of the silo (without banisters): 14.710 mm.

Distance between centre of the legs on floor: 1.870 mm.

Total height from the floor to discharge mouth: 2.000 mm.

Detachable legs screwed on for transport purposes.

Reinforcements between legs of the silos made of LPN60x60.

Cylindre and cone made of 3 mm. plate.

Vertical access ladder, in two parts with intermediate landing and security banister.

Security banister at the top.

Inspection gate placed at the top of the silo.

Open/lock manual butterfly system.

Centred discharge cone. 60° inclination.

ø 3,5" filling pipe.

ø4" filling pipe curve made of cast iron and dismantled breather by screw-in flanges.

TE001393 2 x SET OF 4 FLUIDIZERS WITH ELECTROVALVES

TE003205 ANCHORING STRUCTURE FOR 2 55 TN CEMENT SILOS

Made of HEB sections.

Including anchoring plates for cement silos.

TE001397 2 x SECURITY VALVE

TE001379 CONNECTION PIPE BETWEEN SILOS.

TE001385 CARTRIDGE FILTER FOR DUSTY MATERIALS.

Cartridge filter made of aluminium and polystyrol with grooved cartridges made of synthetic material to obtain the highest filtering surface with the smallest dimensions.

Including pneumatic cleaning system by air timed pulses of compressed air.

Filtering surface: 24.5 sqm.

Electronic control board.

Power: 220/380 V.

Working pressure: 6-7 bar.

TE003207 2 x SCREW CONVEYOR

Diameter: 275 mm.

Length: 14.000 mm.

Through and screw made of steel.

20 HP geared motor at 240 rpm. directly fixed to the shaft.

Including 2 intermediate hangers with friction bearings.



Production: 80 Tn/h.

TE002750 CEMENT SCALE.

Total capacity: 1.500 Kg.

Made of 3 mm. plate.

Open/lock pneumatic system by ø250 mm butterfly valve

Pneumatic vibrator.

Weighing system by 3 load cells.

Electric security system for open/lock gate.

TE000573 WATER SCALE

Made of steel stainless.

Capacity: 750 lts.

Open/lock, papillon pneumatic system.

Weighing system by three load cells.

Electronically operated.

TE002025 WATER DOSING-METER SYSTEM FOR ADDITION

1,5" radius pipes and water pulses of 1 litre .

Manually operated with viewer in control panel.

Pneumatic opening system.

Pneumatic installation enlargement.

TE002701 TWIN SHAFT COMPULSORY MIXER MAO4500/3000 SERIES

Omega shaped tank covered with cast iron plates.

Discharge system at the middle of the tank.

Gate fitted with drip-proof airtight rubbers.

3 HP mechanism motor.

Equipped with manual auxiliary pump for emergency.

6 mixing arms and 2 scrappers per shaft.

Made of perlitic cast iron of a great hardness.

Equipped with all electric and mechanic security systems according to CE.ISO.9001 rules.

Manual auxiliary pump of emergency.

Covered with NY-HARD cast iron plates at the bottom.

Lateral coverings made of steel CR-321.

Mixing paddles made of NY-HARD cast iron.

Centralized lubricating equipment by grease for all watertight compartments.

Standard covering H-50 with inspection system.

Inspection platform with access stairs.

2 mixing motors of 75 HP each.

24 V electrovalve.

380 V electrical installation, with connection box.

TE003261 MIXER MANUAL CLEANING SYSTEM BY PRESSURIZED WATER.

Mod. HD-7/18-CX-3x380

Outflow: 240/700 l/h.



Working pressure: 10/175 bares
Inflow maximum temperature: 60° C
Connection power: 5Kw.
Weight: 29 Kg.
Dimensions: 375x360x935
15 m. hose pipe reel.
Pressured water gun.

TE002719 DISCHARGE CHUTE FOR MIXER MAO.

Made of 6 mm. wear plate.
ø 600 rubber discharge sleeve.
Vibrator V-200 with support.

TE003397 MIXER PLATFORM FOR WET WAY 1m³/2m³/3m³.

Mixer MAO loading by conveyor belt.
Made of cold-rolled sections.
Floor of tread plate.
Structure for supports of cement and water scales, rest on the mixer.
Ladder for access to inspection footbridges of scales.
Protection banisters all around.
Standardized stairs for access to platform
including banisters and security skirting board.

TE003392 PNEUMATIC INSTALLATION MOD. COWETE-3302/3202 CR

Pneumatic operating of the plant, equipped by:
Lubricating equipment.
Electrovalves for actuation of the cylinders.
Nuts and piping made of Tecalon 8 x 10.
Watertight enclosures: protection of pneumatic mechanisms.
Enclosure for 4 mechanisms (set of hoppers).
Enclosure for (5+2) mechanisms (loading area).
COMPRESSOR:
Boiler capacity. 500 l.
Power: 10 HP.
Compressor bedplate equipped with shock-absorbers.
General distribution at the compressor's output.

TE003393 POWER PANEL/ CONTROL BOARD FOR PLANT COWETE-3302 CR

4 types of aggregates and 2 cements.
Transport of aggregates from scale to mixer by conveyor belt.
Loading control through one way equipped by 3 m³ (WW).
Automatic and manual operating.
Ready to install information system for
automation and management of the plant.
Ready to automate admixtures.
Motors protection by breakers.



Polycarbonate chart with signalisation for: operating and faults.

WET WAY.

Ammeter for control of intensity.

TE003394 ELECTRIC PREINSTALLATION AND MATERIALS FOR ASSEMBLY.

Electric preinstallation made at our premises and electric material required for the assembly.
Including handforce of preinstallation.

TE003318 INFORMATION SYSTEM KOBETON FOR AUTOMATION AND MANAGEMENT

Control of mixer discharging.
Kobeton controller with 48 outputs / 32 inputs.
4 analogue / digital channels.
64 Kb memory.
Two cards of 48 relays 8A.
Kobeton Automation and management software.
Dynamic control of feeding process.
Automatic starting of vibrators and fluidizers.
Automatic tare system per batch.
Weight security control in scales.
Dynamic corrections per batch.
Log of manual actions on control boards.
Quick dosage of products by order.
Modification of primary codes and formulas.
Creation of orders and delivery notes printing.
Stock control of raw materials.
SYSTEM COMPONENTS:
15" TFT VGA DVI-D Monitor.
Intel Pentium 4 2,6 Ghz 512 Kb.
KINGSTON 512 Mb 400Mh DDR memory.
Seagate Barracuda 40GB IDE HD 7200 rpm.
DDR AGP TV output.
NVIDIA 64 Mb acceleration card.
Sony 16x40 DVD and 3 1/2" disc drive.
Logitech Deluxe Keyboard.
Logitech optical mouse.
Epson LX 300+ printer.

TE003301 U.P.S. SALICRU 700VA SLC-700 LINK

On-line operating.
Including EMI/RFI filter.
Port of communication RS-232/USB
Intuitive user interface through display.
Including monitoring software.
Tension margin 160-240 V.

TE003408 CONTROL CABIN.



TE003211 AIR CONDITIONING 2000 FG/CA.

TE000017 AGGREGATES FEEDING RAMP SUPPORT

Placed to support feeding ramp to aggregates in both sides.

Made of steel plate of 4 mm thickness.

Reinforcements made from cold rolled steel sections.

Collapsible structure.

TE003399 SUPPORT STRUCTURE FOR PLANT COWETE-3302/3202 CR.

Compact and mobile equipment.

Made of cold-rolled sections.

Twin wheel axle.

Equipped by ABS brakes.

TE003395 WATER PUMP

Control press.

Power: 7,5 HP.

Installation up to the mixer and pulses meter 1,5".