BSS
intern. trading Magistrale 9-11 16244 Schorfheide-Finowfurt

BSS international trading

Ihr Zeichen/Nachricht vom:
Unser Zeichen: /
Sachbearbeiter: Herr Schönbohm
Durchwahl: -10
Datum: 21.02.2013
E-Mail: schoenbohm@bss-trading.com

COMMERCIAL OFFER

CONCRETE MOBILE BATCHING PLANT MOD. ECA-3000

COMMERCIAL OFFER

Code	Description	Quantity	U.M.
CV000493	COMPACT SET FOR PLANT ECA-3002	1	U.
CV000609	K2 STANDARD COMPUTER SYSTEM	1	U.
CV000101	55 T CEMENT STORAGE SILO (DEMOUNTABLE)	2	U.
CV000208	UPPER WALKWAY FOR COMMUNICATION WITH SILO ROOFS	1	U.
CV000241	CARTRIDGE-TYPE FILTER FOR CEMENT ON SILO ROOF.	1	U.
CV000419	SCREW CONVEYOR FOR CEMENT Ø275MM. L 13300MM	2	U.
CV000342	DAYS FOR THE MECH./ELECT. INTERNATIONAL ASSEMBLY (BASIC)	11	U.

TECHNICAL SPECIFICATIONS

CV000493 COMPACT SET FOR MOBILE PLANT ECA-3002:

AGGREGATE STORAGE HOPPERS.
4 hoppers in a square with a total capacity of 60 m³.
fabricated in 5 mm steel sheet.
Support structure fabricated in steel structural profiles.
Aggregate discharge through 8 gates operated by pneumatic cylinders.
Set equipped with two electric vibrators in sand compartments.
Ready for installation of humidity measurement system.

AGGREGATE WEIGHING AND LIFTING SYSTEM
Weighing hopper with load capacity per cycle of 3m³.
Fabricated in 5 mm sheet steel.
Weighing system fitted with 6 load cells of 3000 kg.
Hopper equipped with electric vibrator.
Ribbed extractor belt for lifting aggregates 800 mm.
Belt structure fabricated in folded sheet steel with a thickness of 6 mm.
Plants with three free rollers Ø89x250 mm.
Distance between rollers: 300 mm.
Drive roller with rubber coating Ø430x850 mm.
Tension roller Ø275x850 mm.
2 x 9.2 kw geared motors (18.4 kw)

CEMENT WEIGHING SYSTEM
Cement weighing scale with load capacity of 2,000 kg.
Fabricated in 3 mm sheet steel.
Weighing system fitted with 3 load cells of 1,000 kg.
Equipped with vibrator pneumatic.
Cement discharge with Ø250 mm two-way.
Concrete mixer connection with flexible hose.

WATER WEIGHING AND BATCHING.
Water weighing scale with maximum load capacity of 750 litres. Fabricated in 3 mm stainless sheet steel.
Weighing system fitted with 3 load cells of 500 kg.
Water discharge through 5" pneumatic butterfly gate.
Additional water feed system through batchingcounting unit, 1.5" programmable operation, opening / closing through pneumatic valves.
Water feed system with 5.5 kw pump + pressure control adjustment system.
Water installation with 3" galvanised steel tubing.

MIXING SET
.

TECHNICAL SPECIFICATIONS

Horizontal double-axle mixer MAO 4000/3000
Useful vibrated concrete capacity: 3,000 litres per cycle.
Omega-shaped tank clad with cast iron plates.
Discharge system centred on tank base.
Gate fitted with non-drip rubber seals.
2.2 kw hydraulic unit.
8 mixing arms and 2 scraping arms per axle.
NY-HARD cast iron panel linings.
Side cladding in CR-321 steel.
Mixing paddles in NY-HARD cast iron
2 x 55 kw mixing motors.
Centralised grease lubrication equipment for seals.
Manual auxiliary pump for emergencies.
24 V electrovalve,
380 V electrical installation with junction box.
Maintenance gate with electrical safety limit switch.
Mixer discharge cone with electric vibrator.

COMPRESSED AIR INSTALLATION
10 HP compressor with air receiver of 500 litres.
Sealed cabinets for pneumatic electrovalve unit.
Maintenance access from main structure.
Pneumatic system equipped with filtration unit and pressure regulator.

MAIN STRUCTURE FOR TRANSPORTATION AND INSTALLATION
Compact set for transportation.
Fabricated in structural profiles and steel laminated profiles.
Hydraulic telescopic plant lifting unit.
Access steps from ground level to batching and mixing level, with steps and intermediate landing platforms. Folding perimeter walkways for access to maintenance areas.
Roller structure equiped by two twin-wheel axles.
Support legs for adjustment to rest position.

SUPPORT WALLS FOR LOAD RAMPS FOR ACCESS TO HOPPER SET.
Positioned to allow hopper set to be fed from both sides.
Fabricated in 4 and 5 mm sheet steel.
Braced with cold-rolled steel profiles.
Foldable, modular construction.

BATCHING BOOTH
Designed to house station management and control equipment.
Dimensions: 2,000x1,800x2,400 mm
Access door with lock and handle.
Aluminium window with protective grills.
Electrical installation for power and lighting outputs.

TECHNICAL SPECIFICATIONS

2,000 FG/CA air conditioning unit.
POWER AND CONTROL PANEL
Sealed cabinet located in dosing shed.
Control pushbuttons and display
on cabinet doors.
Automatic and manual operation.
Equipped with Siemens & Telemecanique electrical mechanisms.
Electrical unit pre-installation and
required assembly materials.

CV000609 **K2 COMPUTER SYSTEM FOR AUTOMATION AND MANAGEMENT**
OF CONCRETE BATCHING PLANT DRY PATH/WET PATH
INCLUDES:
Load control via two paths: Dry Path/Wet Path (DP/WP)
K2 controller with 48 outputs/32 inputs.
Three analogue/digital channels.
Four quick counters.
Two 24-relay 8A cards.
K2 Automation and management programme.

SYSTEM COMPONENTS:
PC + TFT monitor
Keyboard, optical mouse and printer
DVD recorder.
U.P.S.

FEATURES OF THE K2 EQUIPMENT:
Dynamic control of production flows
Automatic activation of vibrators and fluidisers
Weight safety control in scales.
Dynamic cycle corrections.
Recording of manual actions in the console.
Quick batching of products for consignment
Modification of formulas and primary keys
Generation of orders and printing of dispatch notes.
Control of movements in the warehouse.

CV000101 **55 T CEMENT STORAGE SILO (DEMOUNTABLE).**
Capacity: 55 T (45.8m³).
Fabricated in two demountable flanged sections
to facilitate its transportation.
Diameter of section I: 2,320 mm.
Diameter of section II: 2,240 mm.
Total silo height (without barriers): 14,710 mm.
Measurement between centre of legs on the floor: 1,870 mm
Floor clearance at dischage chute: 2,140 mm.
Demountable silo pillars for transportation.
Bracing between silos' pillars in L60x60.
Cylinder and cone built with 3 mm sheet steel.
A vertical access ladder, in two sections with
intermediate lending and barrier,

TECHNICAL SPECIFICATIONS

common for both silos.
Safety barrier on upper part.
Silo with roof mounted inspection hatch.
Manual butterfly opening/closing system.
Centred discharge cone. 60º inclination
"Filling pipes with a diameter of 3.5""."
"Filling curve in 4"" diameter cast steel with"
bolted flanges.
Set of 4 fluidisers in silo's cone.
Safety valve mounted on the roof of the silo.
Includes wooden cradles for fixing in transport.

CV000208 **UPPER WALkWAY FOR INTERCONNECTION OF SILOS' ROOFS**
Floor in chequer plate
Safety barriers and base bar.

CV000241 **CARTRIDGE-TYPE FILTER FOR CEMENT ON SILO'S ROOF.**
Cartridge-type filter SILOTOP, made in aluminium
and polystyrene with cartridges in corrugated synthetic
material to obtain a highly filtering
surface with minimum dimensions.
With a pneumatic cleaning system that uses timed pulses
of compressed air.
Filtering surface area: 24.5 m²
Electronic control panel
Voltage: 220/380 V.
Working pressure: 6-7 bar.
Support frame for installation on silo.
Connection pipe between silos.

CV000419 **SCREW CONVEYOR FOR CEMENT TRANSPORTATION**
Diameter: 275 mm
Length: 13,300 mm
Made in spiral and steel tube
18,5kw, 240 r.p.m. geared motor, connected directly to axle.
Production: 80 T/h.
Intermediate supports with bearing.
Sleeve and clamps for the discharge.

CV000342 **DAYS FOR THE MECHANICAL AND ELECTRICAL INSTALLATION ASSEMBLY**
Only includes labour for the installation assembly and
travelling days.
The client shall be liable for all expenses incurred by our
assembly team regarding lodging, food allowances,
displacements and a translator, if required.

Note I:
If for reasons beyond Frumecar's control the working days
initially estimated are exceeded, the additional days will
be invoiced at a rate of 750,58 €/day.