



OFFER N°
I-18164

QUARRY CLUB LLC

RUSSIA



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OFFER Nº: I-18164
DATE: 18/06/2018

Dear Sirs:

Below you will find characteristics and our best prices for the Wheeled Group required.

Always at your disposal
Commercial Department

POS.1. WHEELED GROUP (VF-312 + GS-30 + JC-1290)

The wheeled group is composed of :

1.1. VIBRATING FEEDER

Primary vibrating feeder, driven by two vibrating motors turning counterclockwise that produce a lineal movement that makes the material advance.

Characteristics :

- Length 3000 mm.
- Width 1200 mm.
- Power..... 2 x 3,6 Kw
- Production..... 300-500 Tn/h

1.1.1. HOPPER ENHANCEMENTS 30 m³

Made of steel S-235-JR, reinforced with solid nerves to avoid its deformation. Enhancements are screwed to the feeder's channeller:

Characteristics :

Steel thick 12 mm
 Quality of the steel S-235-JR

1.1.2. LINING

Made of 10 thicknesses and 400 HB hardened anti-wear steel. Placed in tray, channeller and hopper enhancements by screws. Approximately: 22 m².

1.1.3. ELECTRONIC REGULATION EQUIPMENT

Variable speed drive for regulation of flow of the feeder, through electronic frequency Variator.

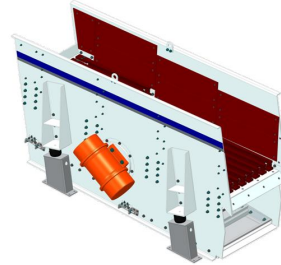
Characteristics :

Electricity supply 380 V III
 Power 11 Kw

1.2. GRIZZLY SCREEN

Equipped with two classification decks. The first one with grid with adjustable light and the second one with a classification mesh.

Driven by two vibrating motors turning counterclockwise that produce a lineal movement that makes the material advance towards the classification area.



Characteristics:

- Length2500 mm
- Width1200 mm
- Production..... 300-500 Th/h
- Power 2 x 2,5 Kw

1.2.1. CHANNELLER

Encauzador a todo lo largo del precribador, construido en acero de 12 mm de espesor.

1.2.2. FINE HOPPERS

To gather up material that passes through the lower floor of the screen, made of hot profile Steel of 5mm width, screwed.

1.2.3. DISTRIBUTION BOX

Made of 6mm width in S-235-JR steel to gather up the material of each floor of the vibrating screen, and to distribute it to the exit conduits.

1.2.4. LINING

Made of 10 thicknesses and 400 HB hardened anti-wear steel. Placed in Channeller by screws. Approximately: 7 m².

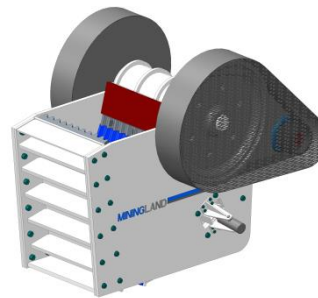
1.2.5. LINING

Made of 6 thicknesses and 400 HB hardened anti-wear steel. Placed in fine hoppers and distribution box by screws. Approximately: 8 m².

1.3. JAW CRUSHER - JC-1290 -

Characteristics

- Brand MININGLAND
- Model..... JC-1290
- Engine Power 132 Kw
- Feeding mouth dimensions 1200 x 900
- Weight 29.000 kg
- Speed 240 r.p.m.



1.3.1. INPUT MOUTH

Made of steel S-275 12 mm thick reinforced profiles conveniently welded. Chute, with shielding resistant steel 15 mm in thickness and hardness HB 300 fixed with high quality screws.

1.3.2. OUTPUT MOUTH

Rectangular section for a smooth bed product to avoid deformations due to impacts and abrasion. Made of steel S-275 10mm thick.

1.3.3. TRANSMISSION

Designed according to the power transferred, compounded by engine pulley, belts and jamming protection.

1.3.4. 132 KW MOTOR - ABB -

132 Kw Motor, IP-55 code protected (Supported), 380-660 v, **1000 r.p.m.**

1.4. VIBRATING TRAY

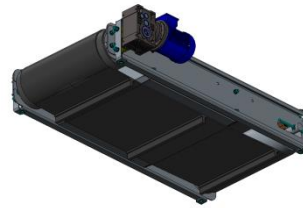
Located under the jaw crusher to avoid direct impacts on the conveyor belt. Made of 6mm thick steel, driven by two vibrating motors turning counterclockwise that produce a lineal movement that makes the material advance.

Characteristics :

- Length 1900 mm.
- Width 1200 mm.
- Power..... 2 x 2,2 Kw
- Production..... 300-500 Tn/h

1.5. AUTOMATIC EXTRACTION SEPARATOR - MSA-1200 -

This is a magnetic plate installed inside a conveyor belt. The assembly is hung above the conveyor to be controlled. When an object is attracted by the plate's magnetic force, the belt pushes it to the side. There is no need for a worker to remove iron-containing objects. More characteristics included in the annex.



1.5.1. SUPPORT STRUCTURE

Made of hot profile rolled steel, as stated in European norm S-275-JR, reinforced and braced.

1.6. CONVEYOR BELT

Characteristics:

- Position JC-1290 output
- Type Medium
- Necessary flow 500 Tn/h
- Granulometry 0-200 mm
- Length 5,5 m
- Band width 1200 mm
- Inclination 16°
- Band characteristics Smooth EP500/3 6+2
- Installed power 7,5 Kw
- Speed 1,6 m/seg.
- Ø Drum motor (vulcanized) 320 mm.
- Ø Tail drum 320 mm.
- Tensioning system Screw
- Channeler 3 m
- Diameter of load-carrying idler 89
- Discharge outlet No
- Primary head scraper Yes
- Secondary head scraper Yes
- Emergency Stop Yes
- Tail protection Top / Bottom/ Side
- Anti-entrapment Lower rollers Yes
- Head Lateral protection Yes
- Intermediate discharge Yes
- Tail Scraper Yes
- Impact bars 55 mm Yes (x2)

1.6.1. SUPPORTS

Support structure built entirely metallic with regulation system for leveling and alignment of the structure of the conveyor belt.

1.7. CONVEYOR BELT

Characteristics:

- Position 20-100 mm Output
- Type Medium
- Necessary flow 120 Tn/h
- Granulometry..... 20-100 mm
- Length 6 m
- Band width..... 650 mm
- Inclination17°
- Band characteristics Smooth EP500/3 4+2
- Installed power 4 Kw
- Speed 1,6 m/seg.
- Ø Drum motor (vulcanized) 320 mm.
- Ø Tail drum 320 mm.
- Tensioning system Screw
- Channeler 1,5 m
- Diameter of load-carrying idler..... 89
- Discharge outlet No
- Primary head scraper No
- Secondary head scraper No
- Emergency StopYes
- Tail protection..... Top / Bottom/ Side
- Anti-entrapment Lower rollers Yes
- Head Lateral protection Yes
- Intermediate discharge..... No
- Tail ScraperYes
- Impact bars 55 mm Yes

1.7.1. SUPPORTS

Support structure built entirely metallic with regulation system for leveling and alignment of the structure of the conveyor belt.

1.8. CONVEYOR BELT

Characteristics:

- PositionSterile
- Type Medium
- Necessary flow 120 Tn/h
- Granulometry..... 0-20 mm
- Length 6 m
- Band width..... 650 mm
- Inclination18°
- Band characteristics Smooth EP500/3 4+2
- Installed power 4 Kw
- Speed 1,6 m/seg.
- Ø Drum motor (vulcanized) 320 mm.
- Ø Tail drum 320 mm.
- Tensioning system Screw
- Channeler 1,5 m
- Diameter of load-carrying idler..... 89
- Discharge outlet Yes
- Primary head scraperYes
- Secondary head scraperYes
- Emergency StopYes
- Tail protection..... Top / Bottom/ Side
- Anti-entrapment Lower rollers Yes
- Head Lateral protection Yes
- Intermediate discharge..... No
- Tail ScraperYes
- Impact bars 55 mm Yes

1.8.1. SUPPORTS

Support structure built entirely metallic with regulation system for leveling and alignment of the structure of the conveyor belt.

1.9. TRIDEM PLATFORM

Chassis made with hot laminated steel profiles, equipped with triple axle spring suspension (TRIDEM) reinforced for heavy works. Telescopic supports commanded by hydraulic cylinders, with fastening bolts in height to avoid the work of cylinders. Access stairs and revision corridors, anti-slip steel grid floors and protection handrails

It comes homologated as special vehicle.

1.10. HYDRAULIC EQUIPMENT

Electro-hydraulic switchboard, equipped with filter and pressure limiter. Manual actuators to control the hydraulic cylinders. Equipped with the elements listed below:

- 2 Cylinders to fold the conveyor belt.
- 6 Cylinders to put the equipment in work position.
- 2 Cylinders to fold the sterile belt.
- 2 Cylinders to fold the sterile belt 20-100mm.

1.11. SCREWS

Screws, security bolts and diverse material necessities to assemble all elements listed above

1.12. ELECTRIC INSTALLATION AND CONTROL BOX (155 Kw)

CONTROL BOX:

- **CONSTRUCTION:** Modular and support plates for switchgear construction. It is supplied completely wired to a terminal strip connections. For its opening will be necessary or useful special items and have a protection degree of IP-55 (IEC-529).
- **CONTROL:** To control the operation of electric appliances the following devices will be installed in the cabinet doors:
 - Voltmeter.
 - General ammeter.
- **PROTECTIONS:** Magneto-thermal protection, and differential thermal individual for each engine type installed.
- **STARTER:** Starters will be installed in accordance with the characteristics of each machine, being our standard direct starters for engines below 22kW and static starters (soft) for older engines of 22 kW.
- **WIRES:** All wiring will take into account the service intensities corresponding to starting, overload and short circuit, with terminals adapted to each section. They will identify with colors and labels all drivers closet.
- **EMERGENCIES:** It will be installed in the closet an emergency stop interlock for the entire installation.

ELECTRIC INSTALLATION

- **WIRING:** Wiring offer flexible copper cable with type vv 0.6 / 1 insulation according to UNE 21123, with different sections depending on the installed power.
- **PIPES:** Pipes are planned with galvanized tray rack and rigid or flexible pipe by structures. The underground pipe lines are not part of our supply and join the civil works.

MANEUVER

To control the maneuver, it is expected a keypad lock for start and stop, a synoptic with light indicators of start and default for each machine.

1.13. ADAPTATION AND ASSEMBLY

Adaptation and Assembly of the elements described in the Platform.

Total EX –WORKS.....	489.060,00 €
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NOT INCLUDED IN THE BUDGET:

- *Taxes and duties*
- *Transport*
- *CIVIL ENGINEERING: Anchors, access, protection, stairs, railings.*
- *Lifting platforms of people required for mounting installation*
- *Conditioning the ground for the proper use of lifts and cranes*
- *Electricity or Generator mounting*
- *Cranes for download and installation*
- *Running a switchboard*
- *Red Land*
- *Permits, Power Supply Mounting facilities (We offer technical assistance)*
- *Surveillance*
- *Any items not reflected in the proposal*

WAY OF PAYMENT:

- *To agree*

DELIVERY DATE:

- *To agree*

VALIDATE OFFER:

- *60 days*