

6 STRAND BILLETS CONTINUOUS CASTING MACHINE

Product Description

CC2 Continuous Casting Machine. Curved Billet Continuous Casting machine with 6 strands.

TECHNICAL FEATURES

Reconversion Year 1987

Revamping Year 2007

Supplier Continua – Concast

Bending radius 10,25 meters

Billet section 140×140 mm – 170×170 mm

Billet length Min. – Max. 5,8 – 16 meters

Mold level control Co60

Steel Flow Control Stopper and free

Mold Curve – Convex – L 1000 mm

Oscillator hydraulic

Secondary cooling Water

Stirrer MEMS e FEMS

Dummy bar Rigid

Cut Oxycutting

Cooling bed No. 2 walking beam

COMPONENTS

Ladle turning turret. No. 1 available. Double arm with independent electric rotation.

Tundish track. No. 2 available. Double tundish wagon, placed at the strand sides, with hydraulic handling, feed track cable holder and raised flex.

Lubrication mold powder adduction equipment. No. 6 available. Injection system automatic powder with nitrogen transport.

Mold No. 12 available. Convex cartridge with electromagnetic stirrer.

Oscillator. No. 6 available. Hydraulic oscillating bench with a proportional valve mounted on a 10.5 mm amplitude piston, casting speed proportional frequency.

Mold Stirrer. No. 6 available. Mold Stirrer. Variable current 0-400 A frequency 0-6 Hz.

Final electromagnetic stirrer. No. 6 available Final electromagnetic stirrer. Variable current 0-400 A frequency 50 Hz.

Extractor system. No. 6 available. Extraction cage with upper and lower motorization.

Straightener. No. 6 available. Straightening cage with lower engine and encoder equipped idle roller to control cut length.

Cutting Machine. No. 6 available. Single torch oxycutting machine with motorized angular movement, pneumatic hooking clamp, and electrically motorized movement.

After Cutting Roller Table. No. 84 available. Section of roller table with 14 rollers, divided into four sections per strand, one motor for each section with chain driving on the other rollers.

Marking Roller Table. No. 18 available. Section of roller table consisting of 12 individually motorized rollers. Each roller takes 6 strands.

Marking Machine. No. 2 available. Second hand equipment. Blade Alphanumeric marking machine. the character is stamped on the product by rotation of the head, creating seven segments characters.

Transfer machine. No. 1 available. Machine to collect and transfer the billets from the marking zone to the discharging conveyor.

Evacuation and cooling plan adduction roller table. No. 55 available. Section of roller table with individually motorized rollers.

Cooling beds. No. 2 available. Collecting plane with motorized thrust loading, feed cycle with billet rotation by hydraulic motion.