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.


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.