RF700 DATA

RF700 HORIZONTAL CONTINUOUS CASTING MACHINE FOR COPPER ALLOYS, BRASS, BRONZE & ZINC

FEATURES OF conticast® SYSTEM:-

- PROVEN GRAPHITE CRUCIBLE TECHNOLOGY FOR LIQUID METAL CONTAINMENT – PROVIDES NATURAL DEOXIDIZING ENVIRONMENT
- TOP QUALITY GRAPHITE TOOLING FOR CONSISTANT REPEATABLE PRODUCT
- SPECIAL ALLOY HIGH THERMAL CONDUCTIVITY ultracoolers® FOR OPTIMUM HEAT TRANSFER FROM DIE TO COOLING WATER.
- LATEST GENERATION OF AC SERVOMOTORS FOR PRECISE WITHDRAWAL.
- IBM COMPATIBLE PC OPERATING ON WINDOWS XP® PROVIDING PROGRAMMABLE WITHDRAWAL PROFILES FOR THE AC SERVOMOTOR.

- PROVEN GRAPHITE CRUCIBLE TECHNOLOGY FOR LIQUID METAL CONTAINMENT – PROVIDES NATURAL DEOXIDIZING ENVIRONMENT
- INTRINSICALLY SAFE LOW VOLTAGE HEATERS
- THE Conticast® RF RANGE OF CONTINUOUS CASTING MACHINES CAN BE USED AS COMBINED MELTERS/CASTERS OR THEY CAN BE USED IN CONJUNCTION WITH A PRE-MELTING FURNACE (CORELESS/CHANNEL INDUCTION OR GAS/OIL FIRED FURNACE DEPENDING UPON THE APPLICATION)
- THE conticast® RF RANGE OF CONTINUOUS CASTING MACHINES ARE USED FOR THE MANUFACTURE OF COPPER ALLOY, BRASS, BRONZE AND ZINC BARS, TUBES, SECTIONS AND STRIP. THE RF MACHINES ARE PARTICULARLY USEFUL FOR PRODUCING BRASS MACHINING ROD (C36000, CZ121) AND BRASS FORGING ROD (C37700, CZ122)

MAXIMUM PRODUCT DIMENSIONS
- STRIP – 350mm WIDE
- ROUND – 200mm DIAMETER

MAXIMUM PRODUCTION RATE (depending on alloy & strand dimensions)
- COMBINED MELTING/CASTING – 200kg/hour
- WITH PRE MELTER – 400kg/hour

MAXIMUM OPERATING TEMPERATURE – 1350°C

CRUCIBLE CAPACITY – 700kg (based on Copper)

CRUCIBLE SYSTEM – GRAPHITE
HEATER SYSTEM – GRAPHITE
POWER RATING – 125kW
SUPPLY VOLTAGE – 380/440V 3 PHASE 50/60Hz
HEATER VOLTAGE – 24V 3 PHASE 50/60Hz
POWER CONTROL – PHASE ANGLE/BURST FIRING SCR REGULATOR
WITHDRAWAL SYSTEM – COMPUTER CONTROLLED AC SERVOMOTOR
COMPUTER SYSTEM – WINDOWS XP PROFESSIONAL®

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