



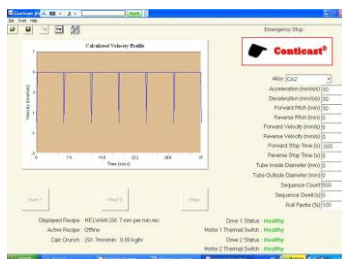
continuous casting machines

RF1100 DATA

RF1100 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 – 400mm WIDE
- ROUND – 250mm DIAMETER

MAXIMUM PRODUCTION RATE (depending on alloy & strand dimensions)

- COMBINED MELTING/CASTING – 400kg/hour
- WITH PRE MELTER – 800kg/hour

MAXIMUM OPERATING TEMPERATURE – 1350C

CRUCIBLE CAPACITY – 1100kg (based on Copper)

CRUCIBLE SYSTEM – GRAPHITE

HEATER SYSTEM – GRAPHITE

POWER RATING – 225kW

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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