RF900 DATA

RF900 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.

MAXIMUM PRODUCT DIMENSIONS
- STRIP – 400mm WIDE
- ROUND – 200mm DIAMETER

MAXIMUM PRODUCTION RATE (depending on alloy & strand dimensions)
- COMBINED MELTING/CASTING – 250kg/hour
- WITH PRE MELTER – 500kg/hour

MAXIMUM OPERATING TEMPERATURE – 1350C

CRUCIBLE CAPACITY – 900kg (based on Copper)

CRUCIBLE SYSTEM – GRAPHITE

HEATER SYSTEM – GRAPHITE

POWER RATING – 175kW

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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