RF400 DATA

RF400 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 – 250mm WIDE

• ROUND – 150mm DIAMETER

MAXIMUM PRODUCTION RATE (depending on alloy & strand dimensions)

• COMBINED MELTING/CASTING – 170kg/hour

• WITH PRE MELTER – 350kg/hour

MAXIMUM OPERATING TEMPERATURE – 1350°C

CRUCIBLE CAPACITY – 400kg (based on Copper)

CRUCIBLE SYSTEM – GRAPHITE

HEATER SYSTEM – GRAPHITE

POWER RATING – 100kW

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®