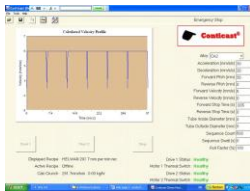


## RF900 HORIZONTAL CONTINUOUS CASTING MACHINE FOR COPPER ALLOYS, BRASS, BRONZE & ZINC

### FEATURES OF **conticast**<sup>®</sup> 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**<sup>®</sup> FOR OPTIMUM HEAT TRANSFER FROM DIE TO COOLING WATER.
- LATEST GENERATION OF AC SERVOMOTORS FOR PRECISE WITHDRAWAL.
- IBM COMPATIBLE PC OPERATING ON WINDOWS XP<sup>®</sup> 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**<sup>®</sup> 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**<sup>®</sup> 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 – 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<sup>®</sup>