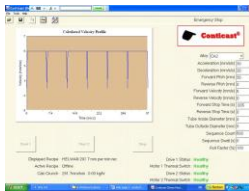


## RP50 HORIZONTAL CONTINUOUS CASTING MACHINE FOR PRECIOUS METALS

### 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> RP RANGE OF CONTINUOUS CASTING MACHINES ARE USED FOR THE MANUFACTURE OF SILVER, NICKEL SILVER, GOLD AND OTHER PRECIOUS METALS IN BAR FORM, TUBES, SECTIONS AND STRIP
- THE RP MACHINES ARE PARTICULARLY USEFUL FOR PRODUCING SEMI FINISHED SHAPES FOR THE PRODUCTION OF COINS, MEDALS, JEWELLERY, DENTAL ALLOYS, BRAZING ALLOYS ETC
- THE **conticast**<sup>®</sup> RP RANGE OF CONTINUOUS CASTING MACHINES ARE NORMALLY USED AS COMBINED MELTERS/CASTERS



### MAXIMUM PRODUCT DIMENSIONS

- STRIP – 125mm WIDE
- ROUND – 40mm DIAMETER

### MAXIMUM PRODUCTION RATE (depending on alloy & strand dimensions)

- COMBINED MELTING/CASTING – 90kg/hour

### MAXIMUM OPERATING TEMPERATURE – 1350C

### CRUCIBLE CAPACITY – 6 litres

### CRUCIBLE SYSTEM – GRAPHITE

### HEATER SYSTEM – GRAPHITE

### POWER RATING – 50kW

### 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>

