

# HM1700Ri

**The Hurco HM1700Ri horizontal mill increases shop productivity with a rotary torque table added to the smart design of the HM1700i. The 8,000 rpm dual winding spindle is equipped for both high and low end torque operations. The large, front and side access doors provide maximum operator efficiency. With fast rapids, large work cube, a smart frame design and UltiMotion technology, complex production parts can be machined efficiently and accurately**

- 67 x 51 x 35 in (1,700 x 1,300 x 900 mm) travels

➤ 67 x 36 in (1,700 x 914 mm) table, 6,614 lbs (3,000 kg) capacity

➤ 8,000 RPM spindle

➤ Brushless AC Servos

➤ WinMax Mill Conversational and Industry Standard NC programming

➤ Solid cast iron frame
- Heavy duty linear rails for X, Y, & Z-axis

➤ Double-nut pretensioned ball screws – twin ball screws on X-axis

➤ Two pallet system

➤ LED lighting shines brighter and saves energy

➤ NEW MAX5 ergonomically designed dual-screen console with 19” LCD screens

|          |                             |                                                    |
|----------|-----------------------------|----------------------------------------------------|
| CAPACITY | X, Y, Z Axis Travel         | 67 x 47 x 35 in (1,700 x 1,194 x 900 mm)           |
|          | Table Size                  | 67 x 36 in (1,700 x 914 mm)                        |
|          | Max. Weight on Table        | 4,410 lbs (2,000 kg)                               |
|          | T-Slot Size                 | 7 x .7 in on 4.92 in centers                       |
| SPINDLE  | Peak Spindle Motor          | 35.4 hp (26.4 kW)                                  |
|          | Torque: 8,000 rpm           | 298 ft-lbs @ 625 rpm<br>(403 Nm @ 625 rpm)         |
| ATC      | Number of Tools             | 30                                                 |
|          | Tool Type                   | CAT 50                                             |
|          | Max. Tool Diameter          | 4.7 in (120 mm)                                    |
|          | Max. Tool Length            | 11.8 in (300 mm)                                   |
|          | Max. Tool Weight            | 44 lbs (20 kg)                                     |
| FEEDRATE | Max. Programmable Feedrate  | X, Z: 1,063 ipm   Z: 669 ipm                       |
|          | Rapid Traverse X, Y, Z Axis | 1,181 / 787 / 1,181 ipm<br>(30 / 20 / 30 m/minute) |
|          | Machine Weight              | 44,517 lbs (20,193 kg)                             |