

# Giddings & Lewis RT 1600 Horizontal Boring Machine



## Machine Capacity

	Metric	Inch
Rotary Table		
Table size	1600 x 2000 mm	63.0 x 78.7 in
Table load	25,000 kg	55,100 lbs
X-axis travel	3600 mm	141.7 in
Y-axis travel	2600 mm	102.4 in
W-axis travel (table)	2000 mm	78.7 in
Headstock		
Spindle diameter	155 mm	6.1 in
Z-axis travel	1250 mm	49.21 in
Ranges in headstock		4
Driving power (continuous rating)	37 kW	50 HP
Constant torque (continuous rating)	5080 Nm	3750 ft-lbs
Spindle taper		ANSI B5.50 No 50 taper
Axes traverse rates		
W, Y and Z axes	25,000 mmpm	985 ipm
X axis	18,000 mmpm	700 ipm
Volts/phase/hertz		480/3/60

## Machine Features

- Cast iron majors, column, bed, saddle and table
- Steel telescoping way covers on saddle and bed
- Thermal compensation of spindle
- Fanuc 31iB control
- Built-in contouring rotary table
- Coolant thru-the-spindle
- Visual management
- Machine foundation hardware kit
- Machine documentation
- Training credits for programming, electrical and mechanical classes at factory training center
- Thirty-two (32) hours on-site operator / application training



## Options Included in List Price

- 90 position tool changer
- Part probe
- G&L high pressure coolant system 70 bar
- Chip conveyor
- Manual Camlock latch plate with cover plate

## Control Options Included in Price

- Remote Hand Held Operator Station with Digital Readout and MPG
- Software for CH heads
- Giddings & Lewis spindle load monitoring software
- Giddings & Lewis adaptive control software

## Terms

FCA Fond du Lac, WI

## Lease Options Available

Warranty: Twelve (12) months from installation acceptance  
 Subject to prior sale and acceptance of order by Fives.  
 Fives Machining Systems, Inc. Terms and Conditions of Sale (Form No. Fives Machining Systems, Inc. MPA-12.2013)  
 form a part of this offer.