



# DHDM

## Deep Hole Drilling Machine

### Large Gun Drilling Machine for the Mold Industry

In 1973, TARUS was the first to build a purpose-designed Gun Drilling Machine for Large Injection Molds and Die Cast Dies.

We continue to lead the Industry with our newest machines.

#### Function

- GunDrilling
- BTA Drilling
- CNC Milling, Tapping / Thread Milling

#### Versions

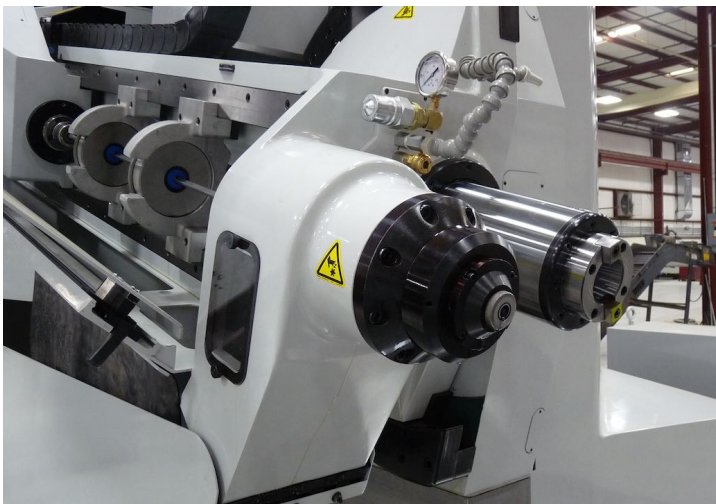
- DHDM: 3 Axis with Drilling and Milling
- DHDM.R: with added rotary table
- DHDM.R.I: with rotary table and inclined drilling +/- 15 degrees
- Full Enclosure Available

#### Performance Features

- Dual Spindles; one for Dedicated GunDrilling / BTA and a second spindle for milling functions
- Optimized column design and bearing spans for rigidity results straighter holes and better drilling tool life
- New Electronic Servo Controlled Scroll Pump provides better low volume control and compatibility with Oil and High Emulsion Water Based Coolant

#### Available CNC

- TARUS
- Siemens 840d
- Heidenhain TNC640





DHDM Specifications	Imperial	Metric
X Axis (table lateral)	96", 130" and 144"	2,438 mm, 3,302 mm and 3,658 mm
Y Axis (vertical)	60"	2,336 mm
W Axis (column in and out)	30"	1,371 mm
B Axis (Optional Rotary Table, DHDM-R)		360,000 increments
C Axis (Optional Drill / Mill Incline, DHDM-R-I)		+/- 15°
Work Table A	60" by 96" / 65,000 lb	1,524 mm by 2,438 mm / 30,000 kg
Work Table B	60" by 144" / 95,000 lb	1,524 mm by 3,657 mm / 43,000 kg
Work Table C	96" by 144" / 120,000 lb	2,438 mm by 3,657 mm / 54,500kg
Rotary Table A	59" x 59" / 65000 lb	1,500 mm by 1,500 mm / 30,000 kg
Rotary Table B	59" by 78" / 65,000 lb	1,500 mm by 2,000 mm / 30,000 kg
Rotary Table C	120"by 120" / 120,000 lb	3,048mm by 3,048 mm / 54,500 kg



DHDM Specifications Continued	Imperial	Metric
Max Gun Drill Diameter	2"	50 mm
Max BTA Drill Diameter	1.5"	38 mm
Z Axis (drill slide)	95"	2,412 mm
Drill RPM	0-3,389 rpm	
Drill Spindle Max Power / Max Torque	63 hp / 652 foot / lb (s6)	447 kw / 885 Nm
Drill Coolant Pump Type	servo controlled scroll pump	
Drill Coolant Pump Volume	0-40 gallons / minute	0-151 liters / minute
Drill Coolant Maximum Pressure	1000 p.s.i	67 bar
Maximum Rapid Feed	600 i.p.m.	15.2 meters per minute
Milling Spindle	CAT 50	
Milling Spindle RPM	0-3,389 rpm	
Spindle Max Power / Max Torque	63 hp / 652 foot / lb (s6)	447 kw / 885 Nm (s6)

**[tarus.com](http://tarus.com) / [\(586\) 977-1400](tel:(586)977-1400) / [sales@tarus.com](mailto:sales@tarus.com)**