

# PRECISION DRILLING AND TAPPING PRESSES

Adjustable spindle heights and large capacity make these drilling and tapping presses ideal for small production runs or easily changed machines. Up to 23" of throat area is available for fixturing and part position.

## Model GD1-191 (Drilling)

### Specifications (Unit: inch)

Model	GD1-191
Drilling Capacity	3/4" in steel
Spindle Nose Type	MT: 2
Spindle Stroke	4-1/4"
Spindle RPM (60Hz)	450, 750, 1300, 2000
Fast Forward Range	0" to 3-3/4"
Drilling Range	3/8" to 4-1/4"
Drilling Feeding Speed	1-5/8"/min or higher
Swing Range	16-7/8"
Vertical Adjustable Distance	11-3/4"
Distance Between Spindle Tip to Table	6-1/2" to 18-1/8"
Table Area	13-1/2" x 13-1/2"
Working Air Pressure	70 psi
Electric Motor	1HP x 4P
Weight (lb)	436



**Air-Hydraulic Drilling**  
Drilling capacity Ø2 to Ø19 (mm)

## Models GT1-203, GT2-223, GT3-231 (Tapping)

### Specifications (Unit: inch)

Model	GT1-203	GT2-223	GT3-231
Max. Feeding Stroke	1-3/4"	2-1/2"	2-1/2"
Head Swing Range	12-7/8"	16-7/8"	18-1/16"
Thread Diameter	Ø2 to Ø8 (mm)	Ø5 to Ø16 (mm)	Ø10 to Ø32 (mm)
Vertical Adjustable Distance	10-1/8"	11-3/4"	17-5/8"
Distance Between Spindle and Table (max)	13-3/4"	18-1/2"	23-1/2"
Table Size	8-7/8" x 9-1/8"	13-1/2" x 13-1/2"	13-1/2" x 15"
Machine Base	16-3/8" x 11-7/8"	23-1/2" x 16-5/8"	23-5/8" x 19"
Electric Motor	1/2HP x 4P	1HP x 4P	2HP x 4P
Spindle RPM (50Hz)	420, 760, 1340	155, 285, 515	50, 100, 200
Spindle RPM (60Hz)	500, 900, 1600	190, 340, 620	60, 120, 240
Thread Size (teeth/inch)	16, 18, 20, 24, 28, 32, 40, 44, 48, 56, 64	10, 11, 12, 14, 16, 18, 19, 20, 24, 28	8, 9, 10, 11, 12, 14, 16, 19
Thread Size (mm)	0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.50, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5	0.7, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 1.8, 2.0, 2.5	1.5, 1.75, 2.0, 2.5, 3.0, 3.5



**Automatic Vertical Tapping Press**  
GT1-203  
Tapping Capacity Ø2 to Ø8 (mm)  
GT2-223  
Tapping Capacity Ø5 to Ø16 (mm)  
GT3-231  
Tapping Capacity Ø10 to Ø32 (mm)

### Features

- Variable speeds
- Gear fed version available
- Up to 1-1/4" in steel capacity
- Up to 5" of stroke
- Up to 2HP motors
- Base, coolant and shielding packages available