

Specifications

TABLE

Size overall (standard)	10" x 48"
T-slots – number and size	Three – 5/8"
Distance between T-slots	2 1/4"
Dial graduations	.001"

RANGE

Longitudinal (46" table)	34"
Cross (standard)	14"
Vertical knee	16 1/2"
Center of table to column face	Max 19 1/2" - Min. 5 1/2"

Vertical Spindle

Quill	5"
Head tilt, forward and backward	45° -0- 45°
Head rotation, side to side	90° -0- 90° (and greater)
Turret rotation on column	360°
Spindle nose to top of table	21.5" max., 0" min.
Center of spindle to column face	28 3/8" max., 2 3/8" min.

Horizontal Spindle

Spindle housing rotation	± 30°
Centerline horizontal spindle to table top	16 1/2" max., 0" min.

SPINDLE

Reverse	Yes
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Vertical Spindle

Spindle nose	#9 B & S, R-8, #30 MMT
Quill feeds: (3) – per spindle revolution	.0015", .003", .006"

Horizontal Spindle

Spindle nose	#40 milling machine taper with 5/8"-11 drawbar (4) 1/2"-13 tapped holes on a 2 3/8" dia. B.C. with (2) 5/8" drive keys for face mills
Spindle speeds, variable speed drive	Variable speed 42 to 425 rpm back gear, 412 to 4200 rpm direct drive.

DRIVES

Motor spindle	3 h.p.
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Vertical Spindle

Type	Variable speed (standard)
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Horizontal Spindle

Type	Variable speed
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OPTIONAL POWER FEEDS

Longitudinal, Cross and Knee	Variable from 1/2-35 IPM
Rapid Traverse Long, and Cross	35-40 IPM
Rapid Traverse Knee	15 IPM

ARBOR LENGTH ACCOMMODATED

Horizontal Spindle	18" max.
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OVERARM

Horizontal Spindle

Underside to centerline horizontal spindle	7 1/8"
End of spindle to bushing in arbor support	20 1/2"

FLOOR SPACE

Front to back	76"
Right to left	107"

HEIGHT OVERALL

With vertical head	90"
Less vertical head	66"

SHIPPING WEIGHT (approximate)

With vertical head	3,600 lbs.
Less vertical head	3,300 lbs.

Standard equipment supplied with machine:

- Spindle drive motor –
3 h.p. horizontal, with variable speed drive
3 h.p. vertical, with variable speed drive
- Power feed to vertical quill
- Electrical controls, including reversing switches
and all wiring
- One type "B" arbor support for (1.875 OD bearing)
- One-shot lubrication
- Hand-scraped hard chromed ways
- Way covers
- Spray Mist

Note: Machine can be ordered complete with vertical head, or as a horizontal mill to which the vertical head can be added later.

Optional equipment at extra cost:

- #30 QC nut on vertical
- #40 Spindle on vertical w/QC nut
- 200 KS and 300 KS on vertical
- Magnetic control (NFPA-79)
- Overarm brace
- Swivel or plain base vises
- Rotary table and indexing attachment
- Slotter attachment
- Type B arbor
- Longitudinal, cross or knee power feed
- Chip pan/flood coolant
- Digital read-out system

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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