



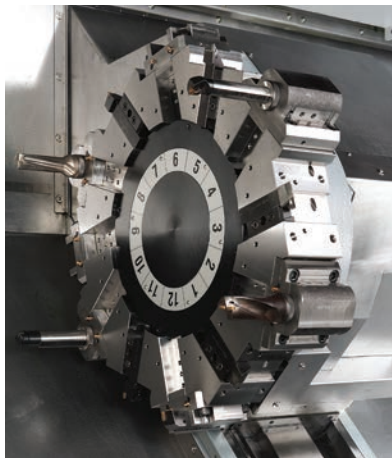
The **SPX model** brings Kingston's legendary power and performance to a slant bed lathe. Features include a 45-degree slant bed, 9.25" bore, 35.4" swing, and lengths from 80" to 160". The heavily ribbed one-piece bed and box way casting is made of a fine-grain Meehanite that is heat treated, annealed twice and ground to attain the stability and hardness of HRC53. Each sliding surface is further coated with Turcite-B for optimal performance even under your heaviest loading and cutting conditions. Our 12 position servo turret is specially designed with a two piece large diameter Hirth-type coupling for strong clamping force and high loading capacity while delivering precise positioning.

Main spindle 9.25" bore hardened and ground alloy steel for greater accuracy.

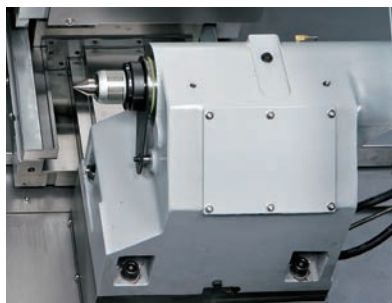
Heavy duty precision taper roller bearings provide rigid support



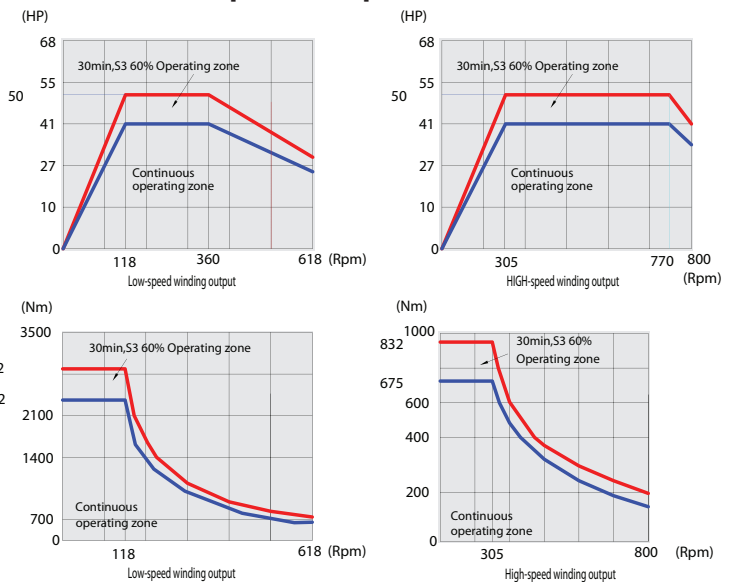
Turret Non-stop bi-directional V-12 servo turret with 0.3 second next station index.



Tailstock Fully Programmable tailstock body and quill (MT#6).



Spindle Torque Charts

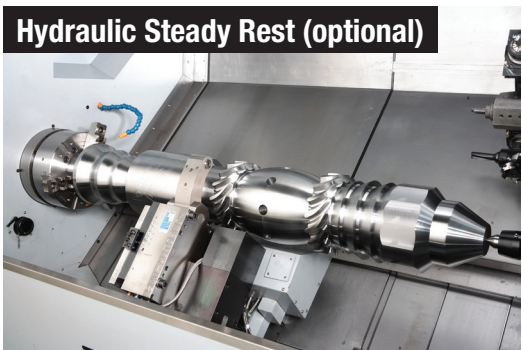


Features

- 40HP(cont)/50 HP(30 min), AC Spindle Motor (Fanuc), 220V, 3 phase, 60 cycle
- Spindle bore: 9.25"
- FANUC OiTD Controller with Manual Guide i and Threading repair, 10.4" LCD monitor
- Registered Part Program Number: 400 sets
- V-12 Servo Turret
- Fully programmable Tailstock body and quill (MT#6)
- Headstock Cooling system

Optional Accessories

- Upgrade 50HP (cont) / 60HP (30 min)
- Manual Steady rest
- Hydraulic Steady rest
- Heavy Duty Power Turret + C Axis Live Tooling
- Rotary Tool Holders



Hydraulic Steady Rest (optional)

Capacity

Swing Over Bed	35.4"
Swing Over Saddle	29.3"
Max Cutting Diameter	26.8"
Max Cutting Length	55" / 82" / 118"

Bed

Slant Angle	45°
Guide Way	Box Way

Headstock

Spindle Nose Taper	A2-15
Spindle Hole Diameter	9.25"
Spindle Speed	700 RPM
Spindle Motor Power	40HP/50HP

Travels

Z Axis	59" / 86" / 122"
X Axis	13.5+1.2"
Rapid Traverse - Z Axis (inch/min)	944" / 590" / 393"
Rapid Traverse - X Axis (inch/min)	787.5"

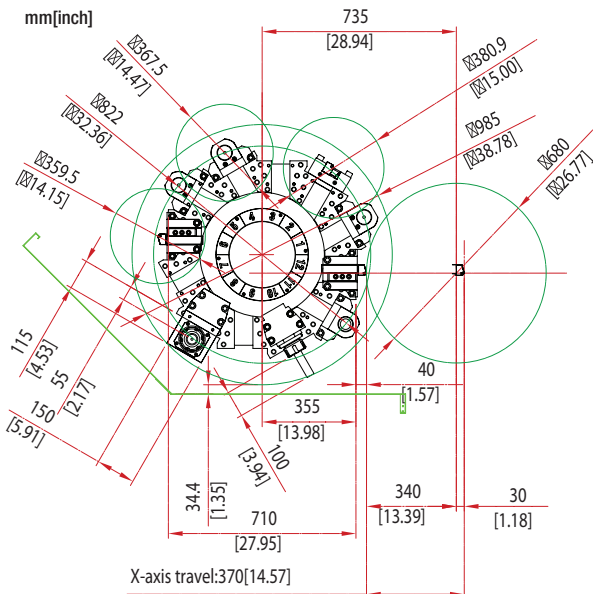
Turret

Indexing Type	APT Servo turret
Number of Tools	12 Station
Square Tool Size	1.25"
Round Tool Shank Size	2"

Tailstock

Quill Travel	5.9"
Quill Diameter	6.3"
Floor Space Required	271" X 110" / 311" X 110" / 350" X 110"
Height	102"
Weight (Approx)	34171 lb / 41888 lb / 50700 lb

Turret Interference



Model

SPX2000	367" (6775mm)
SPX3000	316" (8025mm)
SPX4000	355" (9025mm)

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