



## AUTOMATION

HS-01 | HS-20LTR

PRODUCTS

ABOUT US

HISTORY

CONTACT US

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**TOPPER**

**HONOR**

### HS-01

- Quick loading by NC spindle provides 2.5~4 second loading cycle
- Fixed Turret and Traveling Spindle
- Stationary Turret allows for ideal chip management and coolant flow
- Changeable loader hands and part stockers to fit individual setups
- Easy setup change:
  - Simple NC control of the loader (main spindle)
  - Easy change and adjustment of loader hand
- Stability to Hold Accuracy
  - Easy chip disposal by stationary turret
  - Stable cutting by heavy duty spindle traverse
  - Minimized heat influence by separate chip tank, extremely fine dimensional accuracy and fine surface finish
- Efficient and Stable long running production at low operational cost



HS-01

	HS-01
Max. Swing (in)	19.3
Max. Turning Dia. (in)	2.75
Max. Turning length (in)	3.14
Chuck Size (in)	6
Spindle Speed (rpm)	30~6000
Spindle Nose	A2-5
Turret Style	Block Tools
No. of Stations	12
Index speed (Opp. Tool) (sec)	0.5
Driving system	NC Servo
X/Z axis Rapid (ipm)	1181/1181
X/Z axis Travel (in)	9.64/9.44

Main Motor (hp)

7.5

**HS-20LTR****Machine**

- Meehanite casting with torque tube construction
- Precision linear ways mounted on hand scraped surface
- 30 degree slant bed
- Precision spindle with double row roller bearings with angular contact ball bearings
- Large diameter double anchored pretension ball screws directly connected to servo
- Fanuc ABS pulse coder
- Cam type turret for speed and accuracy

**HS-20LTR****TR Loader**

- Flexible overhead traverse type loader
- Longtime untended running with palletizing capability
- Shorter setup times using hand type jaws, easy and fast to change
- Loader can service multiple machines on a single or multiple operations

		HS-20LTR
Machine	Chuck size (in)	8
	Max. Swing (in)	15
	Spindle nose	A2-6
	Max. spindle speed (rpm)	4500
	No. of tools	12
	Rapids X/Z (ipm)	1181/1181
	X/Z stroke (in)	7.5/23.6
	Spindle Motor (hp)	20
TR Loader	Z/Y rapids (ipm)	4700/3500
	Max. work weight (lbs)	6 x 2
	Max. work size (in)	4 dia x 6 long

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