



● VL-300~600C/CM



● VL-160~600C/CM-2R



● VL-66~250C/CM



● VL-46~100A/M/H



● HL-26/32AT



● PL-160~500CM



● VG-160CMG



● VG-120~250GN/GB



● VL-66KA2

High Precision / High Efficiency
High Durability / Perfection



YES! WE ARE HONOR!

Two Spindles Two Turrets CNC Horizontal Lathe



HONOR SEIKI Co., Ltd.

No. 6, Sec. 2, Chungshan Rd., Hunei Dist., Kaohsiung City, 82942 Taiwan
TEL : +886 7 975 9888 / FAX : +886 7 975 9999
e-mail : honor@honorseiki.com http : //www.honorseiki.com



Agent :

201701 2000

HL-26AT/HL-32AT

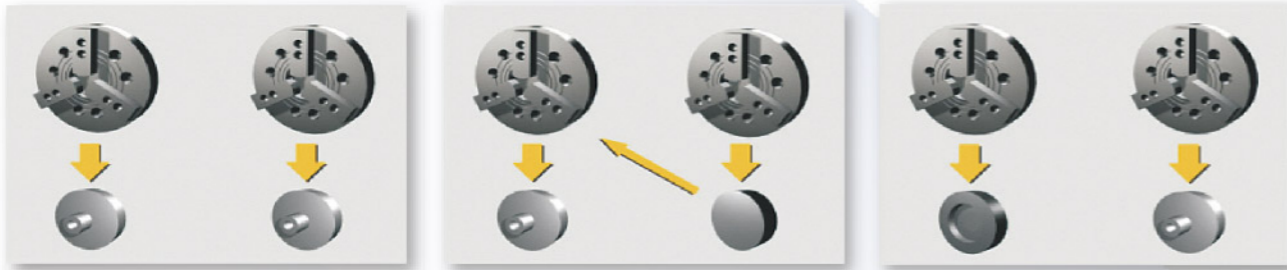
CNC Vertical Lathe / CNC Vertical Turning Center

HONOR SEIKI Co., Ltd.

www.honorseiki.com



High Flexibility



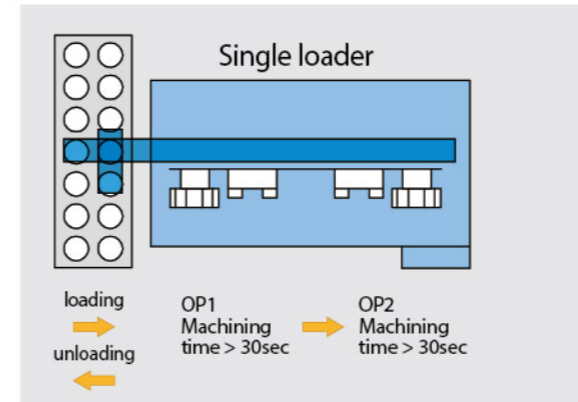
- Suitable on production line.
- Workpiece Op1 and Op2 can be done in one machine.
- Flexible different workpiece on both spindles



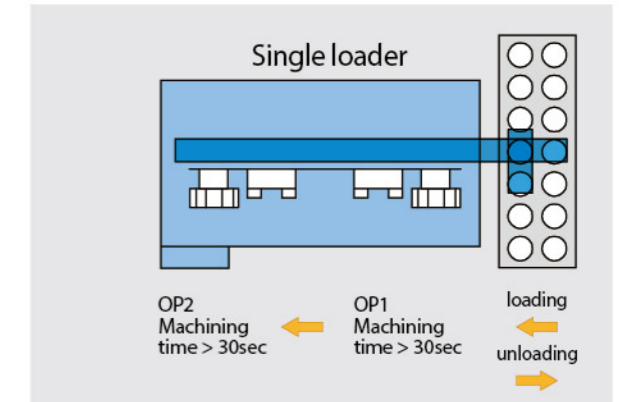
■ Type1 : Single loader Left side loading/unloading

Automation System

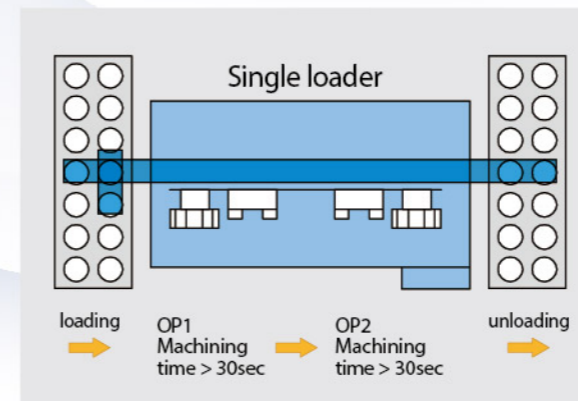
■ **Type1** : Single loader
Left side loading/unloading



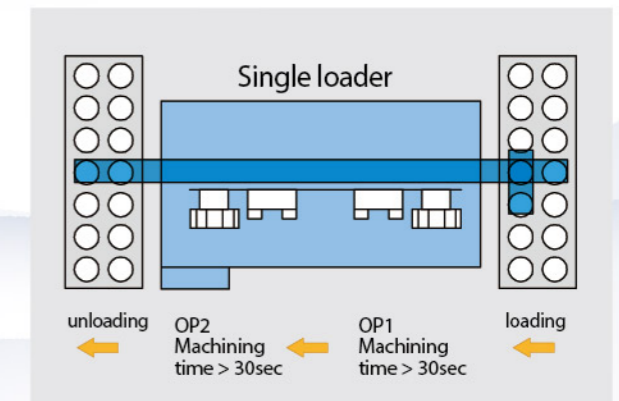
■ **Type2** : Single loader
Right side loading/unloading



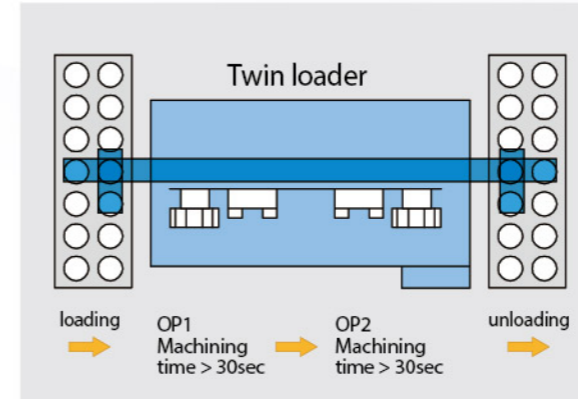
■ **Type3** : Single loader
Left side loading/Right side unloading



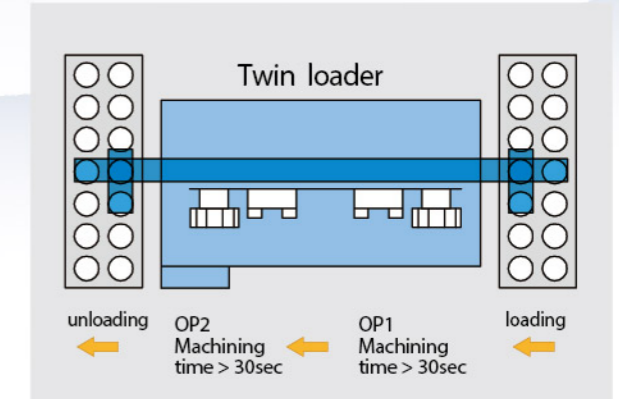
■ **Type4** : Single loader
Left side unloading/Right side loading



■ **Type5** : Twin loader
Left side loading/Right side unloading



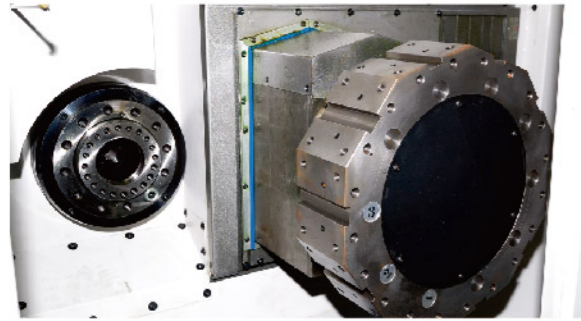
■ **Type6** : Twin loader
Left side unloading/Right side loading



Machine Structure

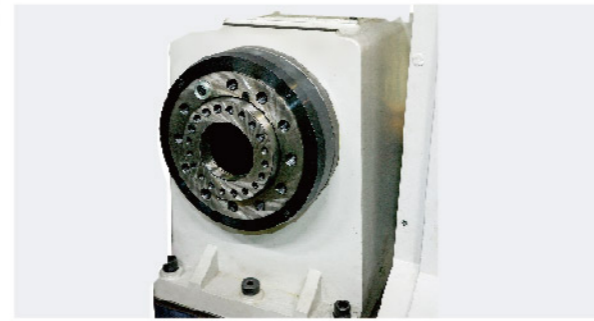
TWIN SPINDLE TURNING CENTER Heavy-duty Cutting Improves The Productivity

Quick rapid traverse & minimal index time

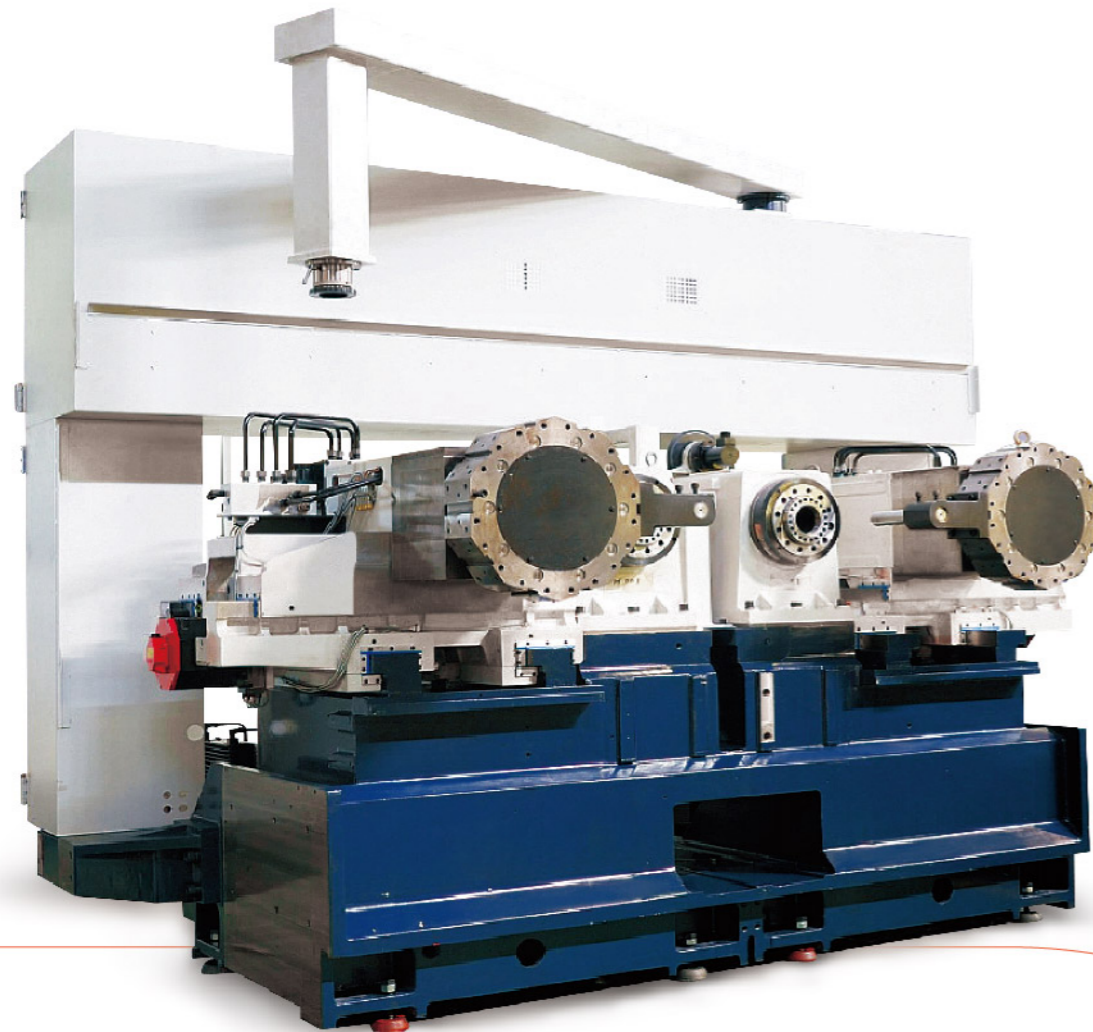


- Rapid traverse (X/Z-axis): 20m/min
- Non-Lift Turret index time: 0.35s/station
- Servo turret speed up for tool changing

High rigidity headstock



The spindle is supported in front by a combination of angular and roller bearings using grease sealed for heat control and fine machining with symmetrical design that minimizes deviation of accuracy.



Easy operation. High efficiency



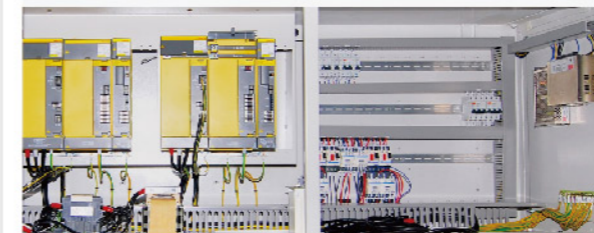
Specialized CRT position is suitable for robot control.

Convenient control panel



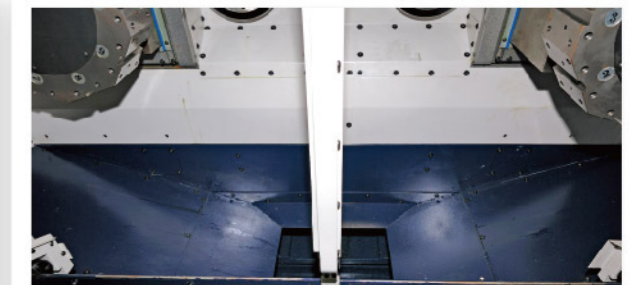
Swiveling control panel offers convenience to user.

Electrical cabinet



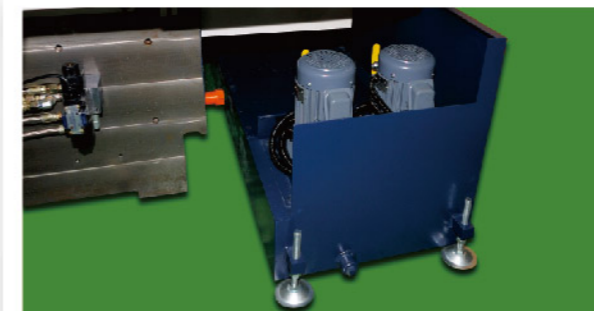
Easy maintenance circuit arrangement Suitable all kinds of environment. CE standard available.

Perfect chip disposal system



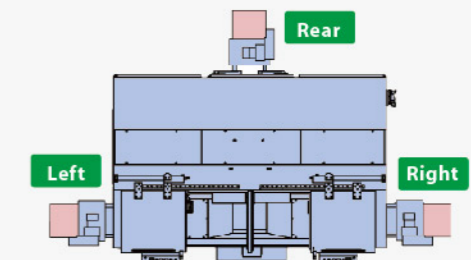
Straight dropped chip and coolant are discharged by chip chute & conveyor quickly. It is minimized heat distortion of bed by hot cutting chip.

Easy maintenance and repair



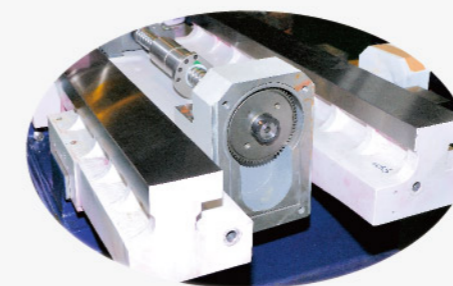
Coolant tank is easily separated from the chip conveyor. It is easy to install, replenish coolant and maintenance.

Flexible chip conveyor installation



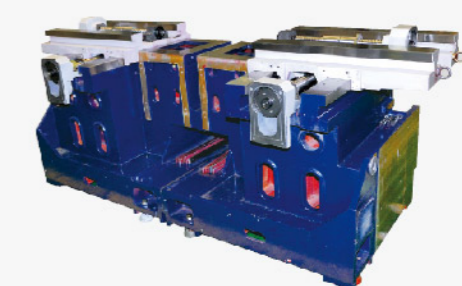
Convenient design of 3-side conveyor through free selection of chip conveyor installation.

Box slide way



The hardened and ground square slide way has excellent width to withstand heavy duty machining and keeps high accuracy and extended machine life.

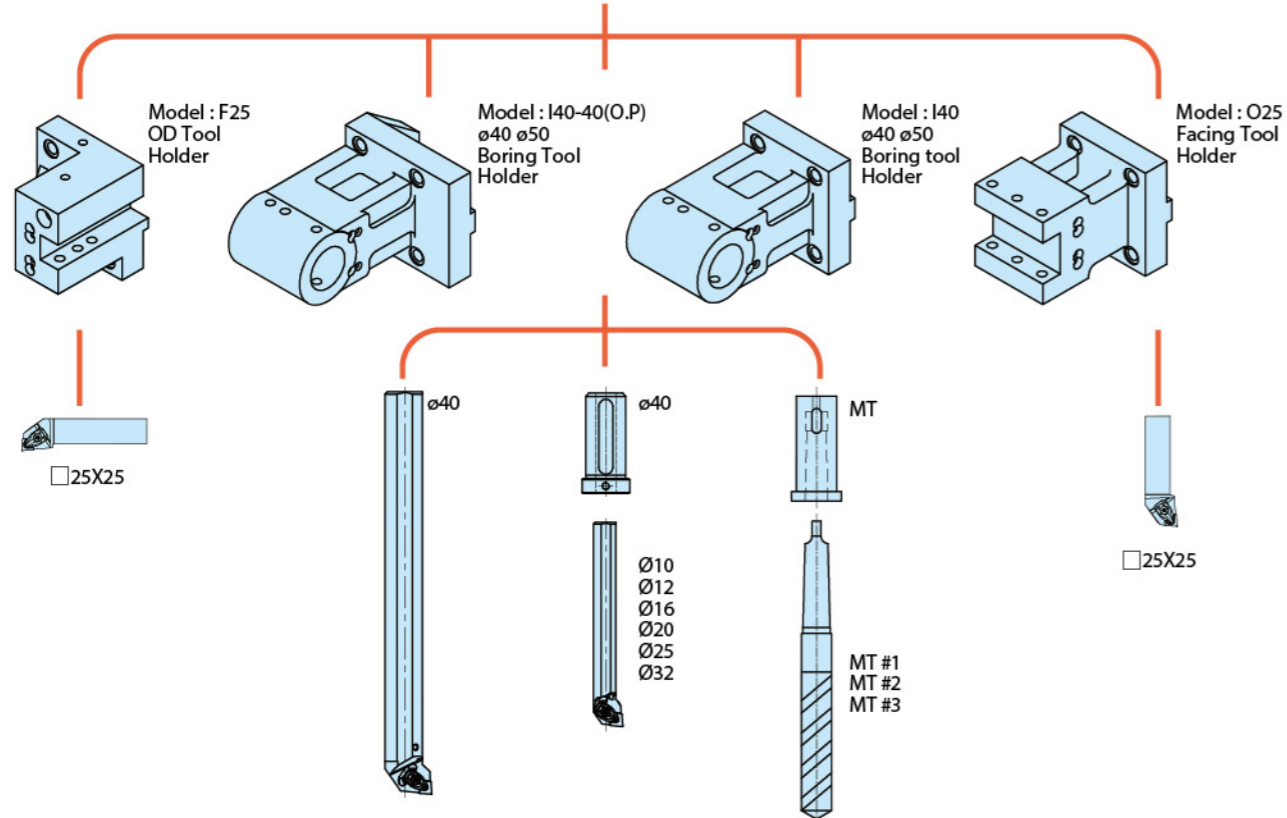
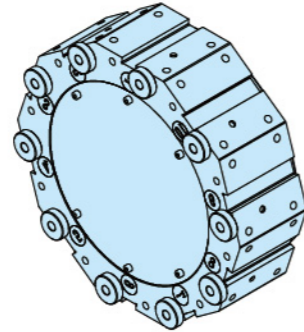
Left / Right separated bed



Separated bed prevents each side vibration.

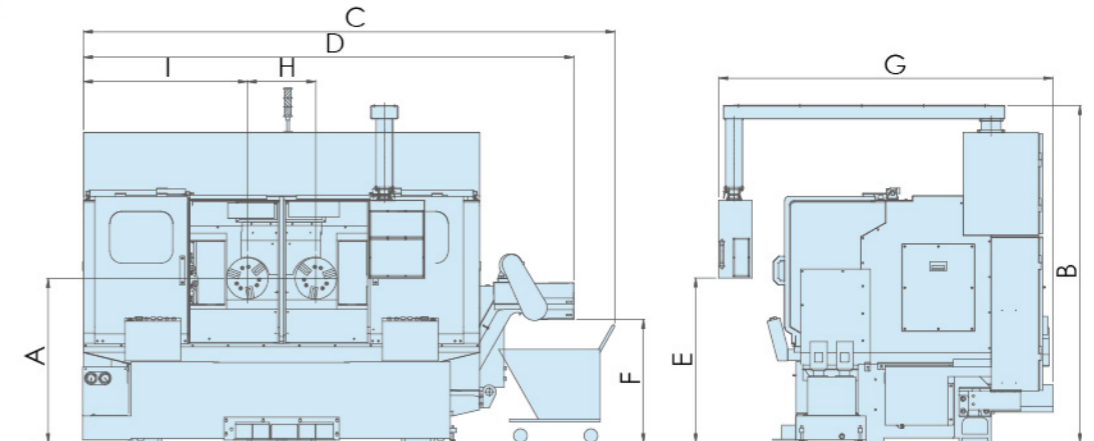
Tooling

HL-26AT / HL-32AT



Machine Dimensions

HL-26 / 32 Two Spindles Two Turret CNC Horizontal Lathe



(unit: mm)

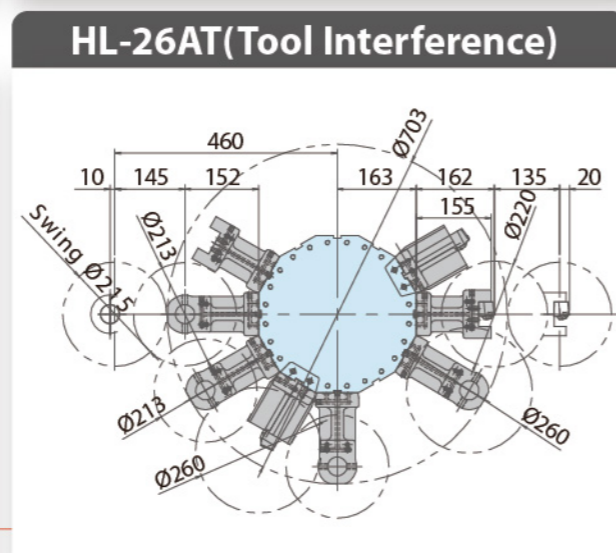
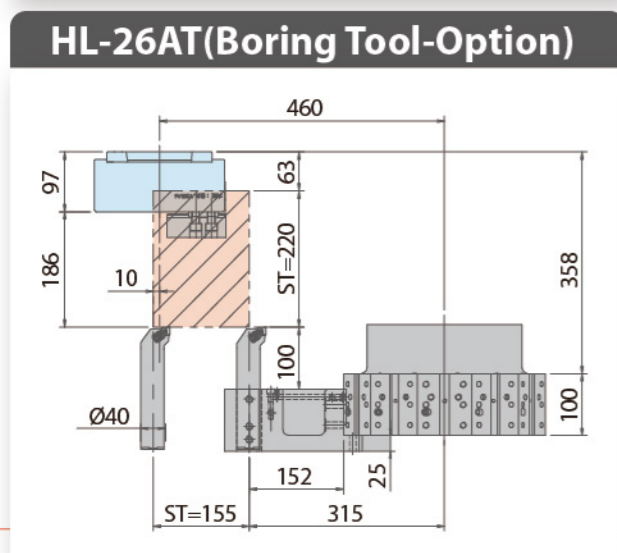
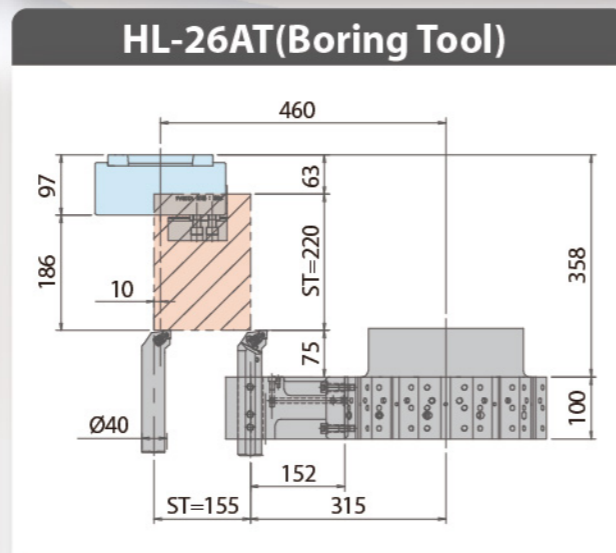
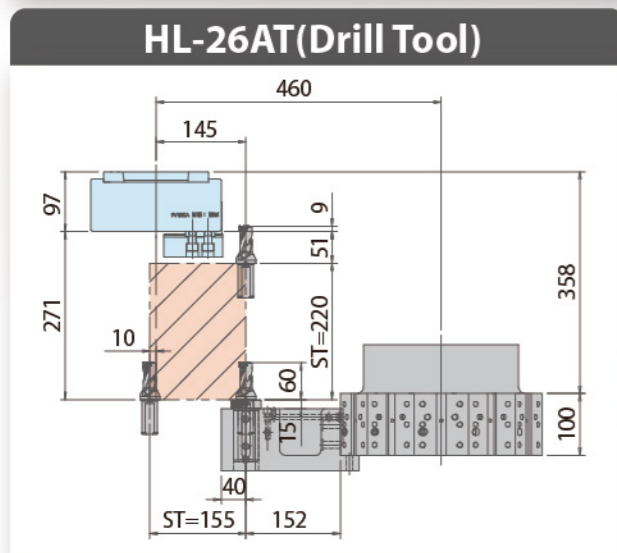
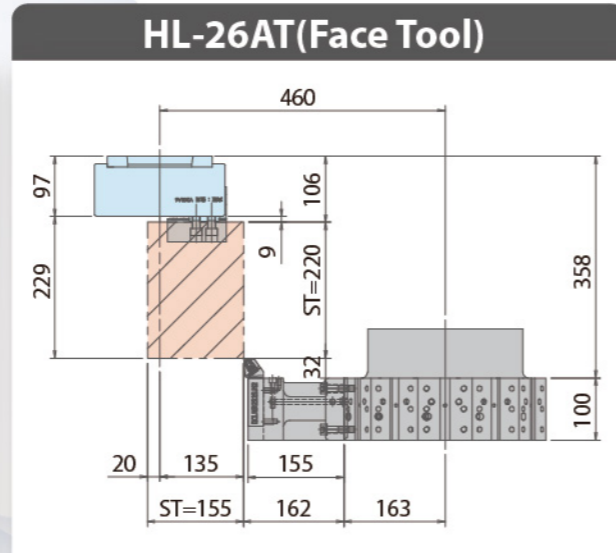
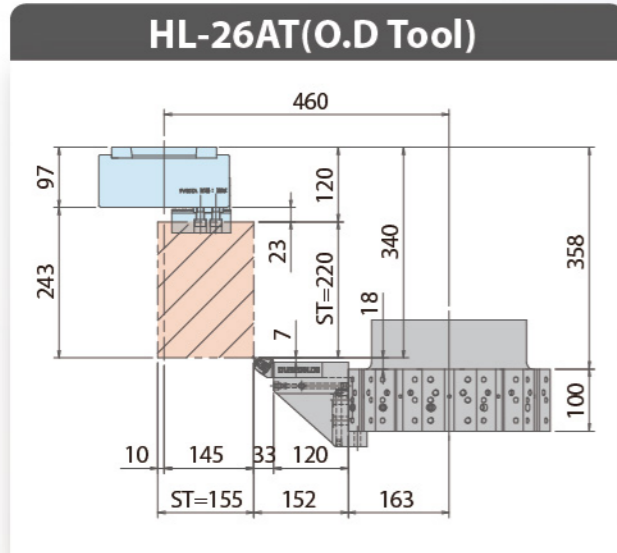
	A	B	C	D	E	F	G	H	I
HL-26AT	1150	2030	3460	3160	1126	865	1900	460	970
HL-32AT	1200	2465	3800	3180	1205	900	2440	500	1195



Working Area and Tool Interference

HL-26AT

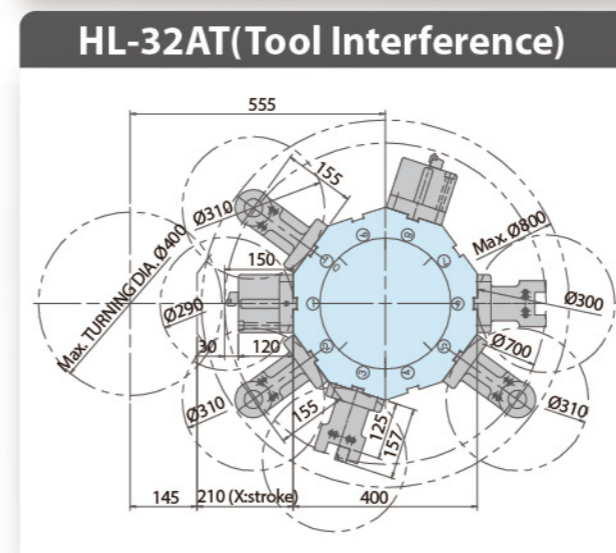
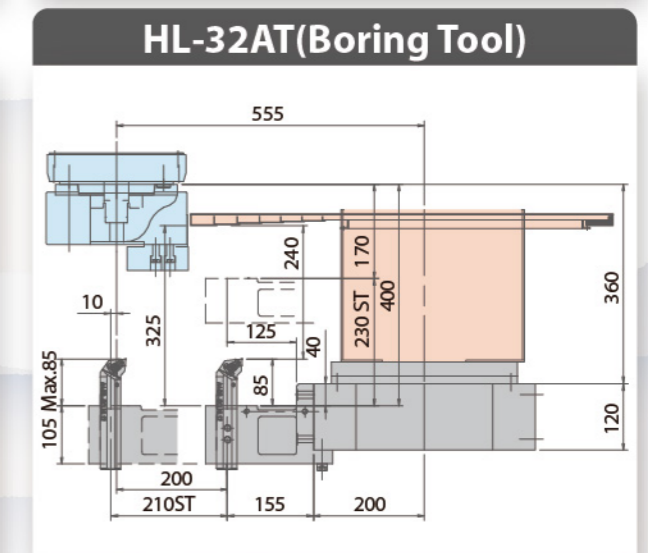
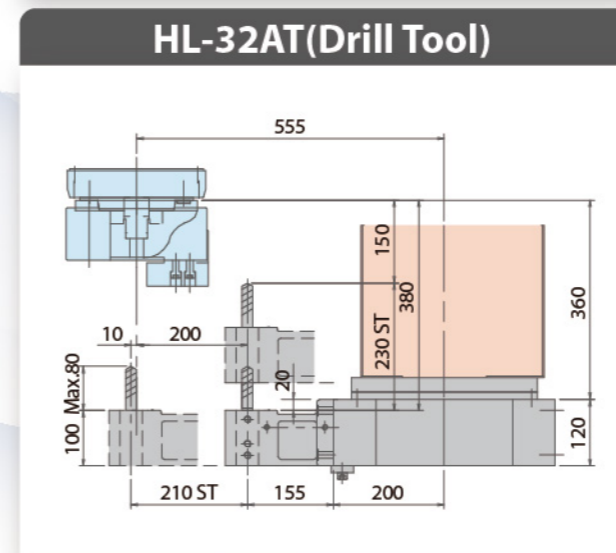
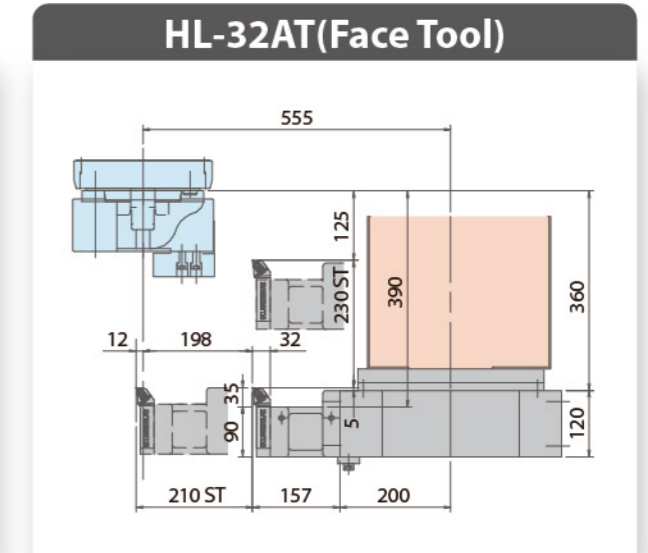
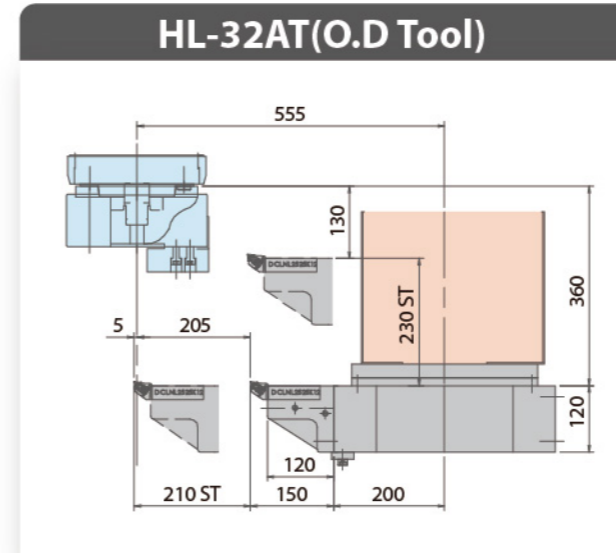
(unit: mm)



Working Area and Tool Interference

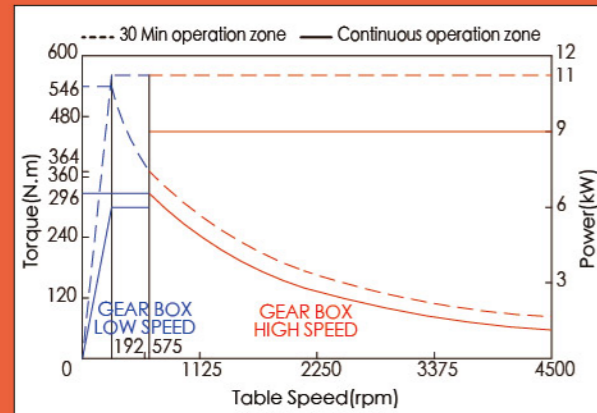
HL-32AT

(unit: mm)

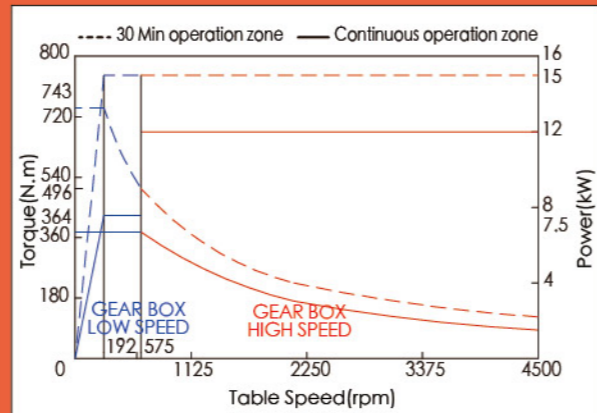


Spindle Speed, Torque and Power Chart

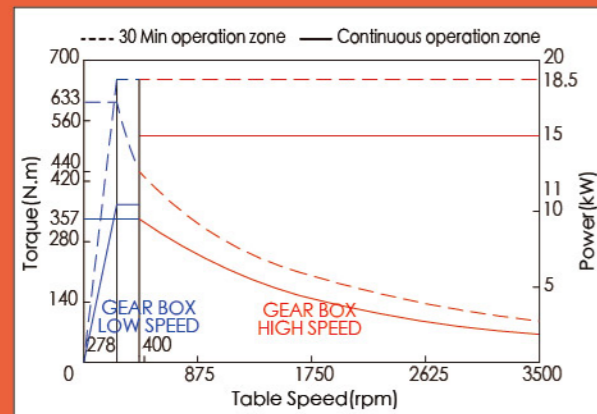
HL-26AT 9 / 11KW



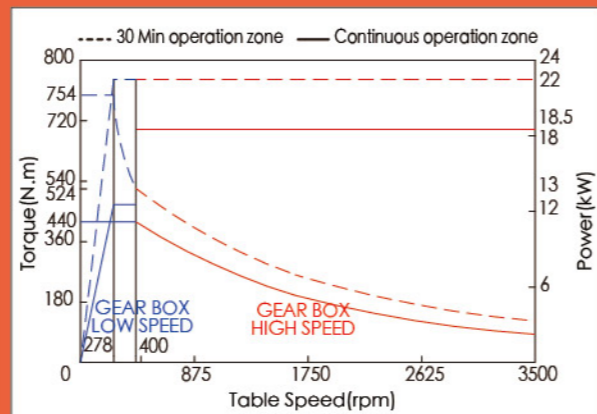
HL-26AT 11 / 15KW (Option)



HL-32AT 15 / 18.5KW



HL-32AT 18.5 / 22KW (Option)



Machine Specifications

Model/Descriptions		Unit	HL-26AT	HL-32AT
Capacity	Spindle center distance	mm(inch)	460(18.1")	500(19.7")
	Max. swing diameter	mm(inch)	260(10.2")	400(15.7")
	Standard turning diameter	mm(inch)	200(7.8")	310(12.2")
	Max. turning diameter	mm(inch)	260(10.2")	400(15.7")
	Max. turning length	mm(inch)	180(7")	230(9")
	Spindle center height from floor	mm(inch)	1150(45.2")	1210(47.6")
Spindle	Bar capacity	mm(inch)	41(1.6")	64(2.52")
	Hydraulic chuck	mm(inch)	203(8")	254(10")
	Speed	rpm	25-4500	25-3500
	Hole through spindle	mm(inch)	51(2")	77(3")
Turret	Front bearing size	%	85	120
	Spindle nose	-	A2-6	A2-8
	Type of turret	type	12T+12T	10T+10T
Axis Feed	Number of tools	pc	12+12	10+10
	Standard tool size	mm(inch)	□25, Ø40(□1", Ø1.5")	□25, Ø40(□1", Ø1.5")
	Rapid rate (X-Axis)	m/min(ipm)	20(787.5)	20(787.5)
	Rapid rate (Z-Axis)	m/min(ipm)	20(787.5)	20(787.5)
	Horizontal travel (X-Axis)	mm(inch)	180(7")	210(8.2")
	Vertical travel (Z-Axis)	mm(inch)	220(8.6")	230(9")
Motor	Cutting feed rate	mm/rev	0.001-500	0.001-500
	Feed override	%	0-150	0-150
CNC Controller system			Fanuc 0i-T	Fanuc 0i-T
Power requirement	Spindle motor (Cont. /30min)	kw	AC 9/11(OPTION 11/15)	AC 15/18.5(OPTION 18.5/22)
	Feed motor (X / Z axis)	kw	1.8/1.8	3.0/3.0
Machine size	Power requirement	kva	40	60
	Floor space (L x W)	mm(inch)	1900x3160(74.8"x124.4")	2365x3580(93.1"x140.9")
	Max. height	mm(inch)	2040(80.3")	2475(97.4")
	Net. Weight	kg(lb)	6500(14330 lb)	8800(19401 lb)

※ The specifications are subject to change without notice

Standard accessories

1. Fanuc CNC controller
2. Through hole 3-jaw hydraulic chuck
3. Soft jaws
4. Tool set
5. Sleeve for boring tool
6. Complete splash guard
7. Foot switch for hydraulic chuck
8. Hydraulic system
9. Coolant system
10. Auto lubrication system
11. Chip conveyor (hinge type)
12. Work light
13. Leveling pad and bolt
14. Hand tool kit
15. Alarm buzz
16. Workpiece counter

Optional accessories

1. Position sensor for chuck
2. Transformer
3. High pressure coolant
4. Auto door
5. Bar feeding system
6. Customized tool holder
7. Chip conveyor (scraper type)
8. Auto tool presetter
9. Quick tool presetter
10. CE inter-lock
11. Hard jaws

Option

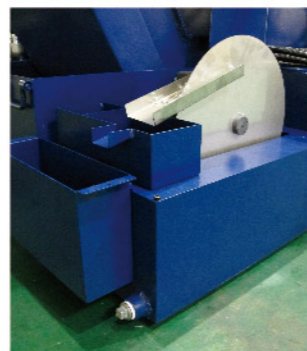
Siemens controller



Air conditioner for electrical cabinet



Oil skimmer (Disk)



Oil mist collector

