

LAW-FII



	ITEM	UNIT	LAW-FII
CAPACITY	Swing over bed	mm (in.)	ø620 (24.41)
	Max. turning diameter	mm (in.)	ø620 (24.41)
	Max. turning length	mm (in.)	280 (11.02)
	Max. workpiece	in.	18" x 10J (car aluminum wheel)
TRAVELS	X axis	mm (in.)	420 (16.54)
	Z axis	mm (in.)	350 (13.78)
SPINDLE	Speed range	min ⁻¹ (rpm)	200 ~ 3,000
	No. of speed ranges		1 (infinitely variable)
	Spindle nose		JIS A2-8
	Spindle bore dia	mm (in.)	ø53 (ø2.09)
	Diameter at front bearing	mm (in.)	ø130 (ø5.12)
TURRETS	Type		V12
	OD tool shank	mm (in.)	25 x 25 (1x 1)
	ID tool shank* ¹		ø40 (ø1-1/2)
	Indexing time	sec	0.5/station
RAPID TRAVERSE	X-Z	mm/min (ipm)	X: 20,000 (787) Z: 20,000 (787)
MOTORS	Main spindle drive* ²	kW (hp)	37/30 (50/40) (30 min/cont)
	Saddle (Z) drive	kW (hp)	BL3.5 (4.7)
	Cross side (X) drive	kW (hp)	BL4.6 (6.1)
	Turret rotary pump	kW (hp)	BL3.5 (4.7)
	Coolant pump	kW (hp)	1.2 (1.6)
SIZE	Floor to spindle centerline	mm (in.)	1,500 (59.06)
	Height	mm (in.)	2,250 (88.58)
	Floor space	mm (in.)	2,816 x 2,800 (w/o tank)
	Weight (w/ CNC system)	kg (lb)	5,000 (11,000)
CNC	Okuma		OSP-P20L

*1. Uses ø63 (2-1/2) ID toolholder base and ø40 (1-1/2) sleeve

*2. VAC integral motor/spindle