LH-55N Series

			LH-55N		
	ITEM	UNIT	Standard	Big-Bore	Super Big Bore
CAPACITY	Nominal sizes		1,100 x 2,000, 3,000, 4,000		
	Swing over bed	mm (in.)	ø1,100 (43.30), ø1,300 (51.18) (raised machine)		
	Swing overr saddle	mm (in.)	ø685 (V8 + V8 ø485), ø780 (raised machine)		
	Distance between centers	mm (in.)	2,000, 3,000, 4,000 (78.74, 118.11, 157.48)		
SPINDLE	Spindle nose		ASA A2-11	ASA A2-15	ASA A2-20
	Diameter at front bearing	mm (in.)	ø170 (6.69)	ø280 (11.02)	ø476 (18.74)
	Spindle bore diameter	mm (in.)	ø105 (4.13)	ø200 (7.87)	ø375 (14.76)
	No. of speeds and ranges		4 (auto) x infinitely variable		
	Speed range	min^{-1} (rpm)	20 ~ 1,200	10 ~ 1,500	5 ~ 500
SADDLE (Z AXIS)	Travel	mm (in.)	2,030, 3,030, 4,030, (79.92, 119.29, 158.66)		
	Cutting feed	mm/rev (ipr)	0.0001 ~ 1,000 (0.000004 ~ 0.04)		
	Rapid traverse	mm/min (ipm)	10,000 (394)		
CROSS SLIDE (X AXIS)	Travel	mm (in.)	675 (26.57)		
	Cutting feed	mm/rev (ipr)	0.001 ~ 1,000 (0.000004 ~ 0.04)		
	Rapid traverse	mm/min (ipm)	5,000 (199)		
TURRET			V8, H6, H4		
TAILSTOCK	Quill diameter	mm (in.)	ø150 (5.91)		
	Quill bore taper		MT 6		
	Quill travel	mm (in.)	200 (7.87) [integral motor/spindle: 250 (9.84)]		
BED	Length	mm (in.)	4,200, 5,200, 6,200 (165, 205, 244) [Big-bore + 150 mm (5.91), Super big-bore + 285 mm (11.22)]		
	Wide	mm (in.)	700 (27.56)		
MOTORS	Spindle (30 min/cont)	kW (hp)	VAC 45/37 (60/50)		
	Hydraulic unit	kW (hp)	1.5 (2)		
	Feed drives	kW (hp)	X: BL 3.5 (4.7), Z: BL 3.5 (4.7)		
SIZE	Floor space	mm (in.)	4,713 x 7,093, 8,093, 9,093 (186 x 279, 319, 358)		
	Weight (w/ CNC system)	kg (lb)	12,500, 13,500, 14,500 (27,500, 29,700, 31,900)		