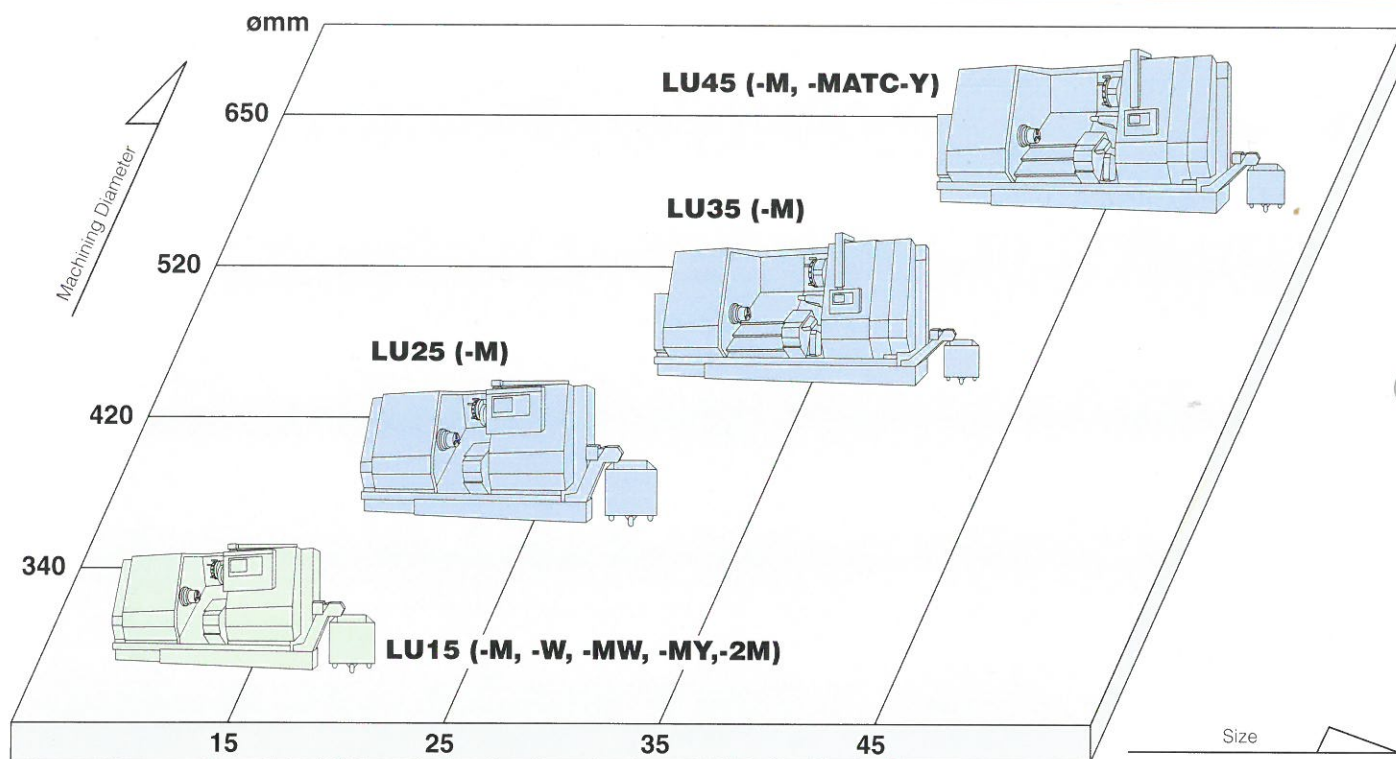
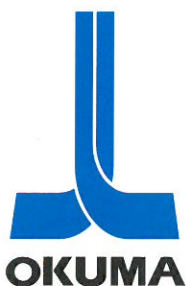


LU(-M) SERIES



		LU15 (-M)	LU25 (-M)	LU35 (-M)	LU45 (-M)
Standard machining dia	mm	150	250	350	450
Max machining dia	mm	360 [340] *340	420 [420] *420	550 [560] *520	660 [650] *650
Machining length	mm	600	650, 1250	850, 1500, 2000	1000, 2000, 3000
Swing over saddle	mm	380	420	480	555
Spindle speed	min ⁻¹ {rpm}	Max 4500	Max 3500	Max 3200	Max 2800
Spindle motor	kW	VAC 22 / 15	VAC 22 / 15 (30 / 22)	VAC 30 / 22 (37 / 30)	VAC 37 / 30 (45 / 37)
Turret		V12 + V8	V12 + V10	V12 + V10	V12 + V10
M-tool spindle speed	min ⁻¹ {rpm}	Max 4500	Max 3000	Max 2000	Max 2000
M-tool spindle motor	kW	VAC 3.7 / 2.2	VAC 3.7 / 2.2	VAC 5.5 / 3.7	VAC 7.5 / 5.5
Upper turret rotary tools		L/M 12	L/M 12	L/M 12	L/M 12
Live tool shank dia	mm	Max 20	Max 25	Max 32	Max 32

(): Optional []: M specs *: VDI specs



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● The specifications, illustrations, and descriptions in this brochure vary in different markets and are subject to change without notice. Consult your local Okuma representative for specific end-user requirements.

Pub No. LU15-E-(3)-300 (Apr 1998) Printed in Japan

mm-E

This product is subject to Japanese government regulations under the Foreign Exchange and Foreign Trade Control. Act with regard to strategic goods. When further transport of this product to another country is being considered, prior consultation with Okuma Corporation is required.

When using Okuma products, always read the safety precautions mentioned in the instruction manual and attached to the product.

MACHINE SPECIFICATIONS

Model			LU15			LU15-M		
			2ST	2SC × 600	2SC × 1000	2ST	2SC × 600	2SC × 1000
● Capacity	Swing over saddle	mm	380					
	Distance between centers	mm	—	600	1000	—	600	1000
	Max turning diameter	mm	340					
	Max work length	mm	250	600	1000	250	600	1000
● Travels	X-axis	mm	Upper: 260 (170 + 90)			Lower: 140 (90 + 50)		
	Z-axis	mm	Upper: 640	Lower: 615	Upper: 1040 Lower: 1015	Upper: 640	Lower: 615	Upper: 1040 Lower: 1015
	C-axis	deg	— 360°					
● Spindle	Speed range	min ⁻¹ {rpm}	75 ~ 4,500 [38 ~ 3,800]					
	No. of speed ranges		2 auto ranges (VAC motor coil switching)					
	Spindle nose		JIS A2-6 [JIS A2-8]					
	Spindle bore diameter	mm	62 [80]					
● Turret	Diameter at front bearing	mm	100 [120]					
	Type	Upper (VDI) Lower (VDI)	V12 NC turret			Multifunction V12 NC turret		
	No. of tool stations (upper/lower)		Upper: 12 Lower: 8			Upper: 12 (L/M) Lower: 8		
	Tool shank height	mm	25					
● Rotary tool	Boring bar shank diameter	mm	40					
	Indexing time (non-lift)	s	0.18 /station			0.2 /station		
	Spindle speed range	min ⁻¹ {rpm}	—			45 ~ 4,500		
	● Feedrates	Rapid traverse	mm/min	X: 15,000 Z: 20,000			X: 15,000 Z: 20,000 C: 200 min ⁻¹ {rpm}	
● Tailstock	Cutting feed	mm/rev	X, Z: 0.001 ~ 1,000.000					
	Quill diameter	mm	—	90	—	—	90	—
	Quill bore taper (live center)		—	MT 5	—	—	MT 5	—
	Quill travel	mm	—	120	—	—	120	—
● Motors	Spindle	kW	VAC integral motor/spindle: 22 / 15 (20 min/cont)					
	Rotary tool	kW	—			VAC 3.7 / 2.2 (15 min/cont)		
	Feed drives	kW	XA: BL 2.4 ZA: BL 4 XB: BL 1.5 ZB: BL 4					
	Coolant pump	kW	0.8					
● Power Requirements		kVA	31.1 (cont)					
● Machine Size	Height	mm	1,927		2,030	1,927		2,030
	Floor space	mm	3,305 × 2,100		4,415 × 2,180	3,305 × 2,100		4,415 × 2,180
	Weight (w/ CNC system)	kg	4,800	5,300	6,700	5,000	5,500	6,900
● CNC System			OSP7000L					

[]: optional

STANDARD KIT

Model			LU15		LU15-M		
			2ST	2SC	2ST	2SC	
● Machine Specs	Spindle motor	VAC 22 / 15 kW (20 min/cont)			○		
	Spindle speeds	75 ~ 4,500 min ⁻¹ {rpm}			○		
	Rotary tool motor	VAC 3.7 / 2.2 kW (15 min/cont)				○	
	Rotary tool speeds	45 ~ 4,500 min ⁻¹ {rpm}				○	
	Turrets	Upper: V12 NC (VDI)*1			○		
		Lower: V8 NC (VDI)			○		
	Hydraulic tailstock	Bore taper: MT 5	—	○	—	○	
	Standard	Hydraulic unit			○		
	Equipment	Coolant system			○		
		Chip shield			○		
		Chip pan (right removal)			○		
		Work lamp (fluorescent)			○		
	Standard	Foundation washers			○		
	Accessories	Levelling jack screws			○		
		Machine lifting tools			○		
		Hand tools			○		
		Lube monitor, B-2 (IEC)			○		
	Chuck	Touch Setter, M			○		
● CNC System	Tailstock	Hollow hydraulic 8" *2			○		
		Live center MT 5	—	○	—	○	
			OSP7000L				

*1. L/M for LU15-M *2. With standard soft jaw (1set)

OPTIONAL EQUIPMENT & ACCESSORIES

- OGL type High-speed NC gantry loader
- Bar feeder (1 bar feed, continuous feed)
- OR type NC robot
- Auto steadyrest (self-centering)
- Programmable tailstock (tow-along)
- Built-in center tailstock (live quill)
- Auto work gauging (in-process & post-process)
- Touch Setter (A)
- Chip conveyor, chip bucket
- Big-bore spindle for extra-power applications (JIS A2-8, 3800 min⁻¹{rpm})
- End face drill/end mill unit
- Side face drill/end mill unit
- Plug tool