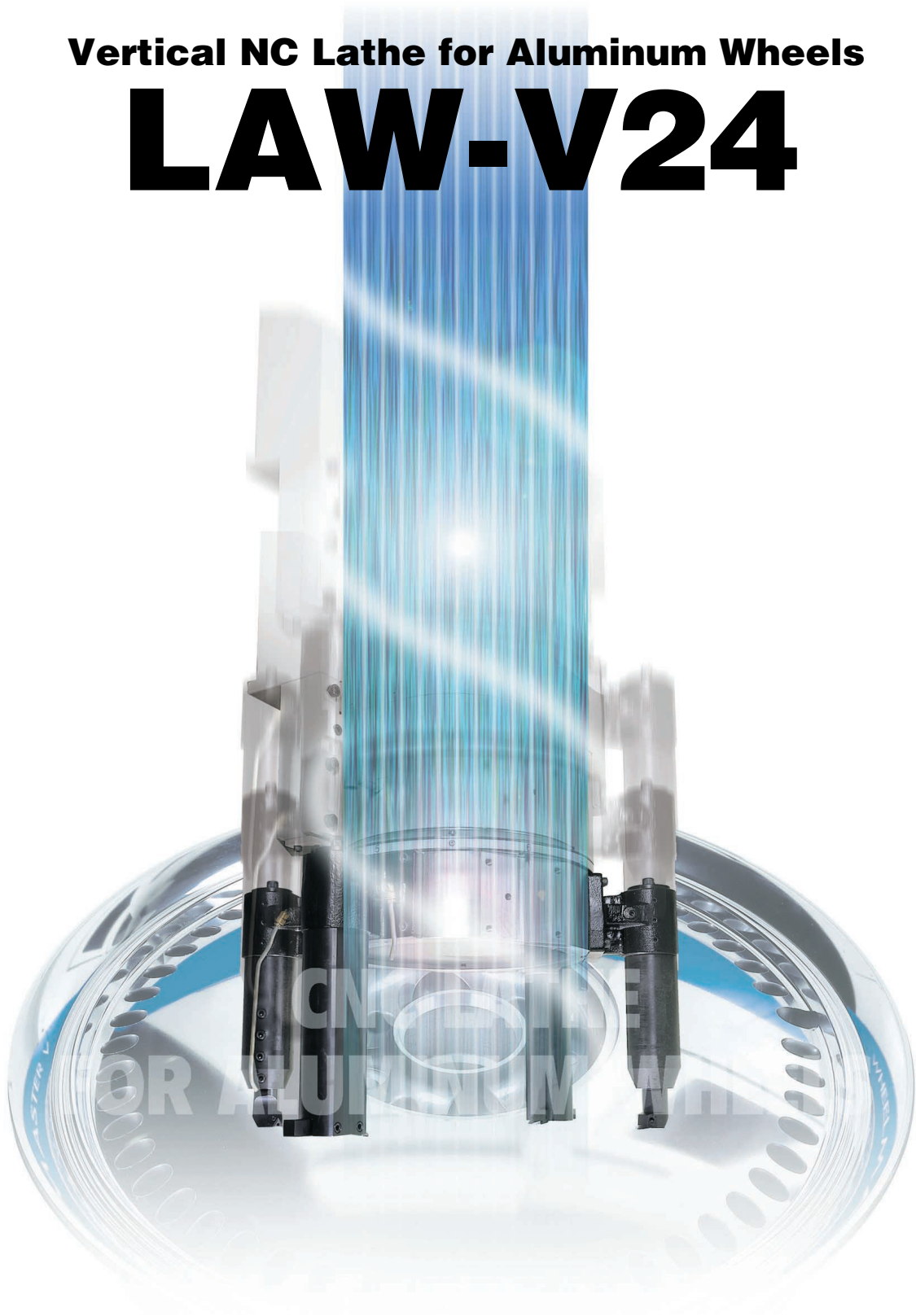


Vertical NC Lathe for Aluminum Wheels

LAW-V24



Vertical NC Lathe for Aluminum Wheels

LAW-V24

Latest ma

Can machine 15 to 24.5-inch aluminum wheels

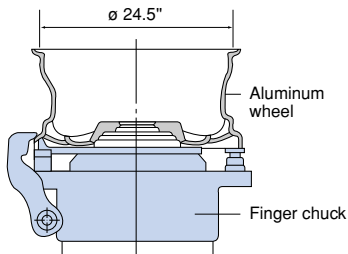


High rigidity/High precision

- Highly rigid structure with box-type base and stable box-type column
- Thermally balanced base structure and pre-tensioned ball screws

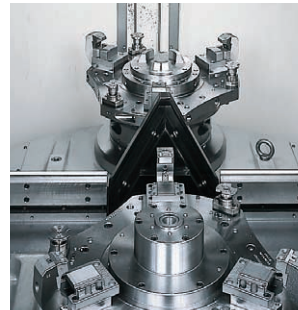
Steadfast chucking

- Stable chucking with workpiece firmly butted to the reference surface by its own weight
- The automated handling unit retracts immediately after loading the workpiece on the chuck. No more waiting for the chuck to clamp the workpiece.



Auto chuck changer (optional)

- Handles 24" x 10J wheels, and allows more flexible production line layouts



- Front-drive chuck with built-in cylinder
- Fixed to spindle by curvic coupling and pull stud
- AAC time
 - 6 sec. (17")
 - 8.5 sec. (20")



Machine idea; for machining large 24.5-inch wheels

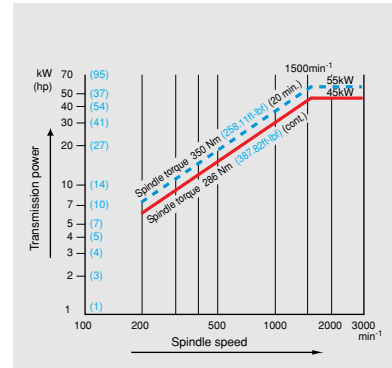
100% chip disposal

- Chip-flow-type base structure leaves no chips
- Extra-large capacity coolant system
 - Tank: 800 ℓ (211.36 gal)
 - Coolant pump: 0.75 kW (1 hp) x 2
 - Coolant pump for cleaning chuck and inside machine: 2.2 kW (3 hp) x 2



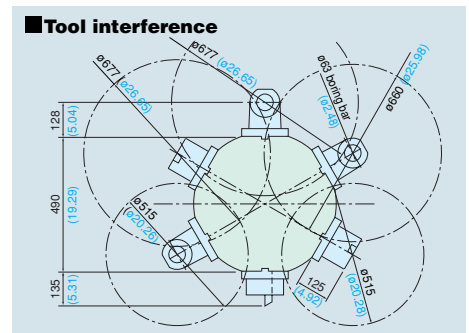
Fast spindle, quick slides

- Spindle speed
3000 min⁻¹ integral motor/spindle
- Rapid traverse X-Z: 24 m/min (945 ipm)

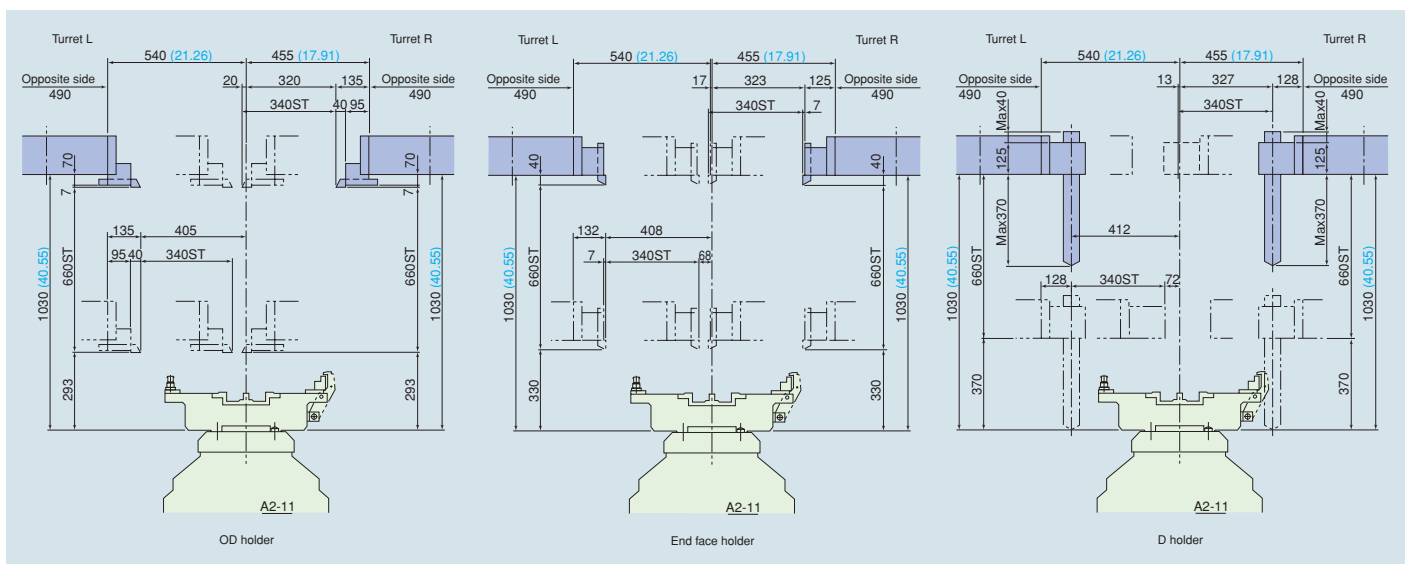


Left/right V6 Turrets

- V6 turret with no tool interference
- Large-diameter coupling gives you highly accurate indexing and a powerful hydraulic clamp

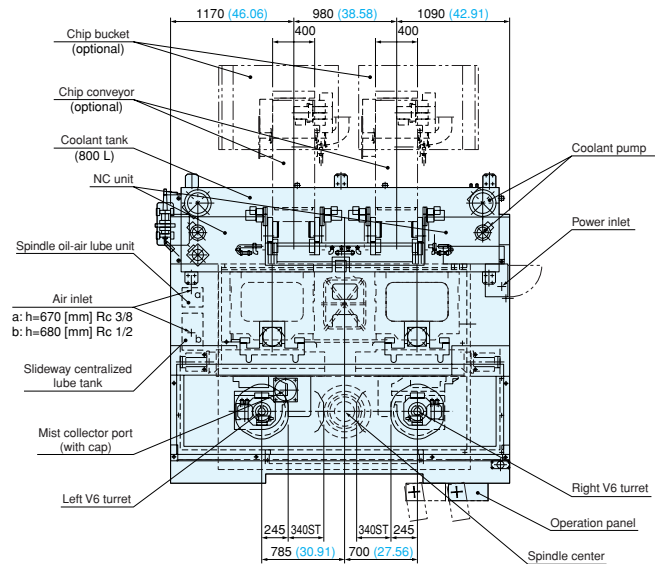
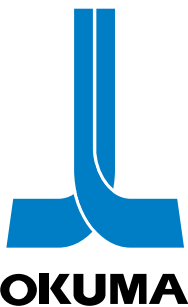
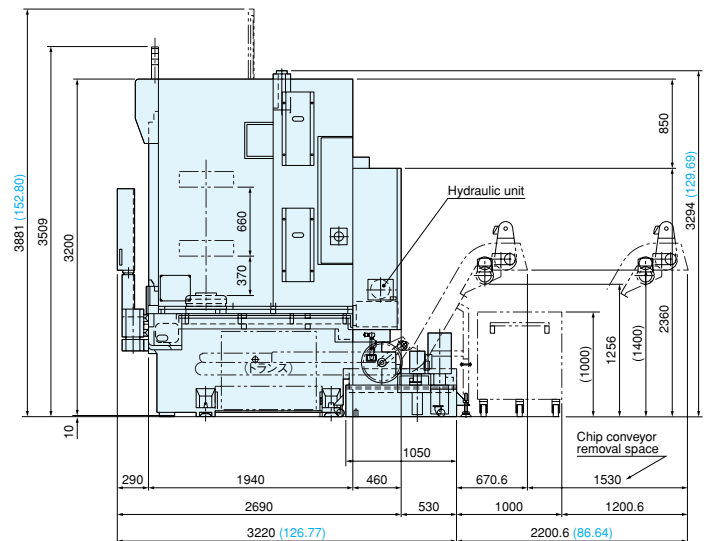
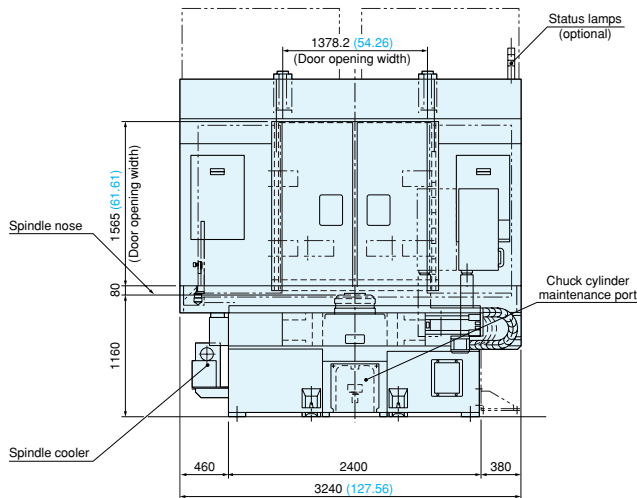


Working ranges



Machine specifications

Capacity	Swing over bed	mm (in.)	ø800 (ø31.50)
	Max. machining diameter	mm (in.)	ø660 (ø25.98)
	Max. work length	mm (in.)	660 (25.98)
Travel	X-axis (R-L)	mm (in.)	340 (13.39)
	Z-axis (R-L)	mm (in.)	660 (25.98)
Spindle	Speed	min ⁻¹	200~3,000
	No. of speed steps		Infinite (1)
	Nose		JIS A2-11
	Bore	mm (in.)	ø90 (ø3.54)
	Front bearing dia	mm (in.)	ø150 (ø5.91)
Turret	Type		V6+V6
	No. of tools	Boring bar dia.	6+6
	Byte shank size	mm (in.)	25 x 32 (0.98 x 1.26)
	Boring bar dia	mm (in.)	ø63 (ø2.48)
Rapid traverse (R-L)		m/min (ipm)	X,Z:24 (945)
Motor	Spindle	kW (hp)	VAC built-in 55/45 (75/61) (20 min./ cont.)
	Coolant	kW (hp)	0.75 (1) x 2 (Turret) 2.2 (3) x 2 (inside machine, chuck cleaning)
Machine dimension	Height	mm (in.)	3,881 (152.80)
	Floor space	mmxmm (in.)x(in.)	3,240x3,220 (127.56 x 126.77)
	Mass	kg (lb)	13,000 (28,600)
CNC controller			OSP-P200L

Installation Drawing**Dimensional Drawing**

OKUMA Corporation, OGUCHI-CHO, NIWA-GUN, AICHI 480-0193, JAPAN • TEL (0587) 95-7825 • FAX (0587) 95-6074

● 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.

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