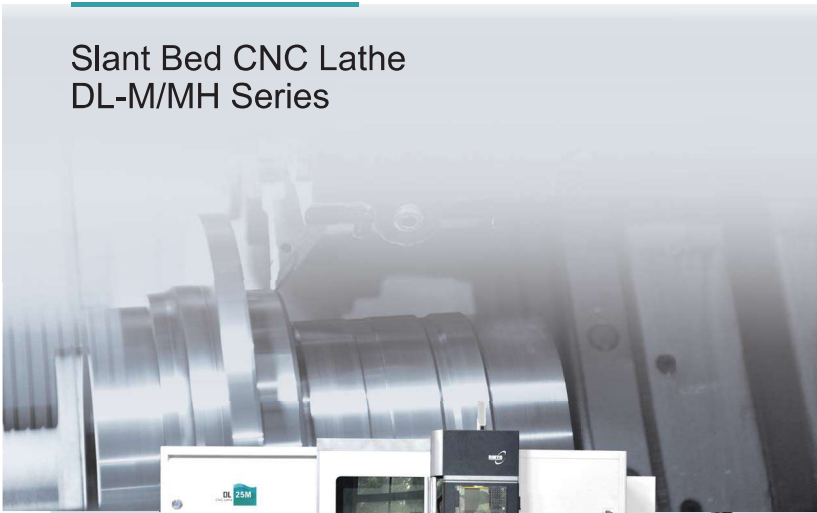


Slant Bed CNC Lathe DL-M/MH Series



Specification	Unit	DL-25M	DL-25MH	DL-32M	DL-32MH	DL-40M	DL-40MH
Max. swing diameter over bed	mm	φ520		φ680		φ900	
Max. turning diameter (Shaft/Disc)	mm	φ310/φ520	φ310/φ500	φ440/φ630	φ440/φ590	φ600/φ800	φ650/φ760
Max. turning length	mm	1000/1500	1000/1500/2000/3000	1000/1500/2000/3000	950/1450/1950/2950	1000/1500/2000/3000	950/1450/1950/2950
Guideway type		Box way Opt. Linear guideway(1000)		Box way		Box way	
Spindle							
Chuck size	inch	10		15		15	
Type of spindle nose		A ₁ -8		A ₁ -11		A ₁ -11	
Spindle speed range	rpm	3500		2000		1500	
Spindle bore	mm	φ87		φ100		φ130	
Max. bar capacity (Equipped with through-hole hydraulic chuck)	mm	φ74		φ80		φ90	
Spindle motor power	kW	15/18.5	18.5/22	22/30		22/30	
Travel							
Max Cross travel of X axis	mm	260		375		435	
Max Cross travel of Z axis	mm	1040/1600		1020/1520/2020/3020		1020/1520/2020/3020	
Rapid traverse of X/Z axis	m/min	12/12 Box way 24/16 Linear guideway		12/16		12/16	
Tool post							
Turret type and tool numbers		12-position turret Hydraulic	12-position live tooling turret	12-position turret Hydraulic	12-position live tooling turret	12-position turret Hydraulic	12-position live tooling turret
Tool shank size	mm	25×25		32×25		32×25	
Indexing time (adjacent/farthest)	s	0.45/1.45	0.94/1.33	0.45/2.2	0.94/1.33	0.45/2.2	0.94/1.33
Tailstock							
Diameter of tailstock quill	mm	φ100		φ160		φ160	
Tailstock quill stroke	mm	139		180		180	
Accuracy							
X(C) axis positioning accuracy	mm	0.011	0.011(44")	0.011	0.011(44")	0.011	0.011(44")
Z axis positioning accuracy	mm	0.018/0.021	0.018/0.021	0.018/0.021/0.021/0.021	0.018/0.021/0.021/0.021	0.018/0.021/0.021/0.021	0.018/0.021/0.021/0.021
X(C) axis repeatability accuracy	mm	0.004	0.004(18")	0.004	0.004(18")	0.004	0.004(18")
Z axis repeatability accuracy	mm	0.007/0.009	0.007/0.009	0.007/0.009/0.009/0.009	0.007/0.009/0.009/0.009	0.007/0.009/0.009/0.009	0.007/0.009/0.009/0.009
Controller							
CNC Controller		FANUC 0i-SP Plus SIEMENS 820D		FANUC 0i-TC Plus SIEMENS 820D		FANUC 0i-FF11 Plus SIEMENS 820D	
General							
Machine dimensions (L×W×H)	mm	5010×2020×2110(1000)		5962×2095×2215(1000) 6461×2153×2268(1500)		5962×2312×2455(1000) 6461×2374×2505(1500)	
Rear chip conveyor		5200×2020×2110(1500)		6961×2153×2268(2000) 8249×2376×2383(3000)		6961×2376×2505(2000) 8249×2599×2618(3000)	
Machine weight	kg	7800/8300		11000/12000/13000/14500		11500/12500/13500/15000	

Standard configurations

- Hydraulic 12-position turret for DL-M series
- Italy 12-position live tooling turret for DL-MH series
- NSK spindle bearings and X/Z axis bearings
- X/Z THK ball screws & X/Z THK linear guideways
- Non through-hole hydraulic chuck
- Hydraulic tailstock
- Heat exchanger
- Automatic Lubrication system
- One Axial and radial power tool holder for DL-MH series
- Standard toolkit

Optional

- Tool presetter
- Oil mist separator
- Bar feeder and parts catcher
- Germany hydraulic steady rest
- Air conditioner
- Through-hole hydraulic chuck and cylinder
- Domestic hydraulic steady rest
- Automatic door