

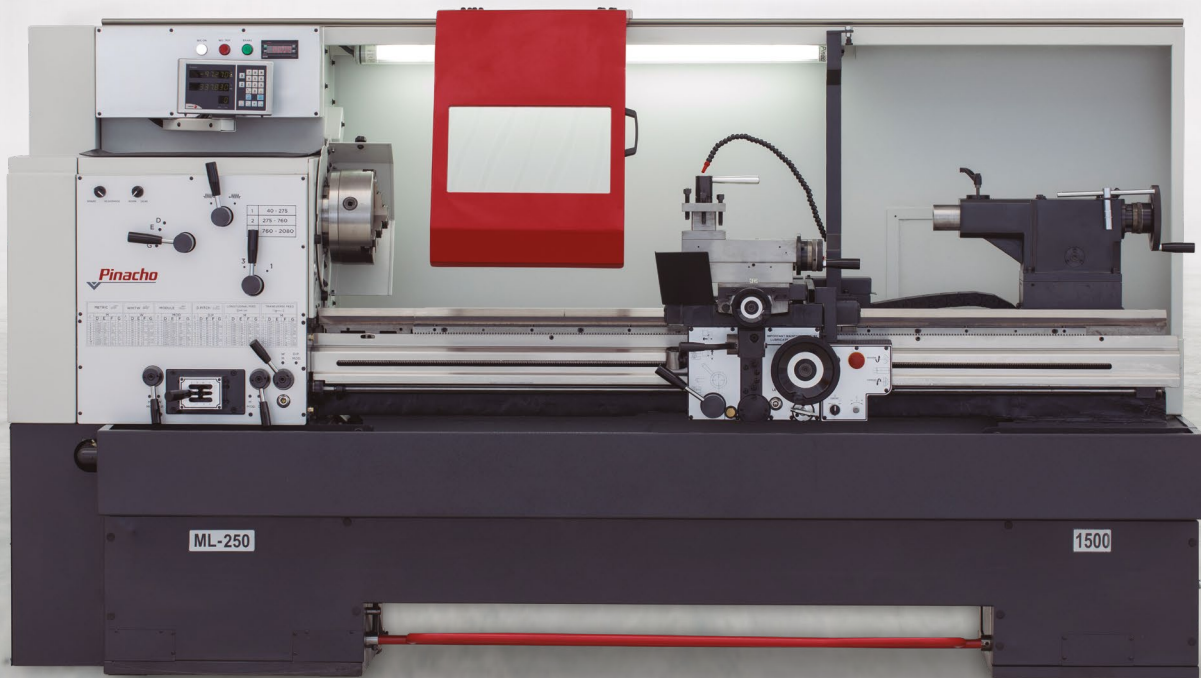


MODELS ML 200 > ML 250 > ML 325

New range of manual lathes with variable speed head.

The new range of ML lathes, equipped with an electronic speed variator, allows the necessary cutting speed to be selected at all times, achieving better surface finishes, optimising tool consumption and improving machining performance.

The new ML models stand out for their precision and useful life, being versatile machines for both maintenance and production work.



STANDARD EQUIPMENT

- Headstock with variable speed 3 ranges
- Reducing bush of main shaft and fixed point
- Dead center for tailstock
- 4-position toolpost
- Stop brake
- Micro switch chuck protection
- Emergency stop button
- Manual central lubrication
- Refrigeration equipment
- Rear and chuck anti-projection guard
- Sliding front guard

- Rigid protection of the standard spindle
- Cast iron pedestals
- Levelling washers
- Working light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Chucks with 3 and 4 jaws
- Rear chuck
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Quick-change toolpost
- Multifix quick-change toolpost
- Digital Read Out
- Live center
- Cone Copier
- Stopper
- Anti-vibration kit
- Micrometer carriage stop
- Electric transformer
- Rapid movements



Working capacity		ML-200		ML-250		ML-325				
Center distance	mm / in	750/30	1000/40	1000/40	1500/60	1000/40	1500/60	2000/80	3000/120	
Bed width	mm / in	250 / 10		300 / 12		350 / 14				
Centre height	mm / in	200 / 8		250 / 10		325 / 13				
Ø max. swing over bed	mm / in	400 / 16		500 / 20		650 / 26				
Ø máx sobre escote	mm / in	525 / 20		700 / 27 1/2		785 / 30				
Gap length from face plate	mm / in	120 / 5		160 / 6		220 / 9				
Ø max. swing over carriage	mm / in	370 / 15		450 / 18 3/4		595 / 23				
Ø max. over cross slide	mm / in	245 / 9 1/2		310 / 12		450 / 22				
Cross slide travel	mm / in	230 / 9		240 / 9 3/4		335 / 13				
Tool post slide travel (saddle)	mm / in	95 / 3 1/4		125 / 5		150 / 5 1/2				
Longitudinal carriage travel	mm / in	605/23	870/34	1000/39	1440/56	1035/40	1435/56	1960/77	2860/112	
Dimensions of tool handle	mm	20x20		25x25		25x25				
Headstock										
Main motor power	kW	4		5.5		7.5				
Headstock main spindle bore	mm / in	42 / 1 1/2		58/2 1/4	105/4	80 / 3	105 / 4	155 / 6		
Main spindle nose Valid for all distances between centres	ASA / CAM-LOCK	A2-5 / D1-5		A2-6 / D1-6	A2-8 / D1-8	A2-8 / D1-8		A2-11		
Main spindle nose taper	MT	4		6	5	5				
Speed ranges	Range I	r.p.m.	40 - 280	40-275	85-200	30 - 200	85 - 200	50 - 120		
	Range II	r.p.m.	280 - 815	275-760	200-465	200 - 550	200 - 465	120 - 290		
	Range III	r.p.m.	815 - 2300	760-2080	465-1250	550 - 1500	465 - 1250	290 - 800		
X-axis, Z-axis										
Threads and feeds		44				55	44	55		
Longitudinal feeds	mm / rev	0.05 - 0.752				0.05 - 1.5	0.05 - 0.752	0.05 - 1.5		
Cross feeds	mm / rev	0.025 - 0.376				0.025 - 0.752	0.025 - 0.376	0.025 - 0.752		
Metric threads	mm	0.5 - 7.5				0.5 - 15	0.5 - 7.5	0.5 - 15		
Whitworth threads		60 - 4				60 - 2	60 - 4	60 - 2		
Modular threads	mm	0.25 - 3.75				0.25 - 7.5	0.25 - 3.75	0.25 - 7.5		
Pitch diametral threads		120 - 8				120 - 4	120 - 8	120 - 4		
Lead screw rod pitch Ø35	mm / in	6 / 1 1/4				6 / 1 1/4	6 / 1 1/4	6 / 1 1/4		
Tailstock										
Tailstock barrel Ø	mm / in	58 / 2 1/4		68 / 2 1/2		95 / 3 3/4				
Tailstock barrel travel	mm / in	180 / 7		200 / 7 3/4		220 / 8 1/2				
Tailstock Morse taper	MT	4		4		5				
Dimensions and Weight										
Length	mm	2120	2360	2620	3040	2540	3020	3650	4580	
Width	mm	950		1000		1140				
Height	mm	1580		1650		1770				
Weight	kg	1250	1320	1845	2035	2160	2400	2650	3170	
Options										
Fixed steady rest Ø	mm	10 - 125		10 - 140		10 - 180				
Large capacity fixed steady rest Ø	mm	110 - 200		140 - 300		180 - 400				
Follow rest Ø	mm	10 - 80		10 - 90		10 - 140				
Dimensions and weight with packaging										
Length	mm	2320	2560	2820	3240	2740	3220	3850	4780	
Width	mm	1050		1100		1240				
Height	mm	1780		1850		1970				
Weight	kg	1550	1620	2145	2335	2560	2800	3050	3570	

Note: The data is merely informative and subject to change according to the needs of the company.