

CONVENTIONAL LATHE PONTIGGIA L. MOD.NH 450 HEIGHT CENTER MM. 450-DISTANCE CENTER MM. 7000



TECHNICAL CHARACTERISTICS

CAPACITY

• height center	mm.	450
• max turning diameter over cross slide	mm.	610
• max turning diameter on the guides of the bed	mm.	920
• max turning diameter on the gap	mm.	1200
• length of gap	mm.	350
• width of the rails of the bed	mm.	620
• width of bed	mm.	830
• distance between center	mm.	7000
• max permissible load between the center without steady rest	Kg.	6000
• max permissible load between the center with steady rest	Kg.	8000
• max loading platform	Kg.	2000

SPINDLE

• number of speeds with gearbox	n°	36
• spindle speed	rpm	6,6-1000
• max torque	Nm	7000



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• hole diameter	mm.	112
• inner cone	Metrico	120
• spindle taper	C.M.	6
• spindle nose	ASA	11"
• diameter of front bearing	mm.	180
• diameter of the faceplate 4 jaws chuck	mm.	800

TRAVEL

• longitudinal travel with tailstock	mm.	6750
• longitudinal travel without tailstock	mm.	7000
• cross travel	mm.	660
• travel carriage tools	mm.	300
• longitudinal rapid feed	mm/min	2000
• transversal rapid feed	mm/min	1000
• rapid feed of carriage tools	mm/min	1000

FEEDS & THREADS

• longitudinal working feeds (N° 108)	mm/rev	0,1-18,8
• transversal working feed (N° 108)	mm/rev	0,05-9,4
• carriage tools working feeds (N° 108)	mm/rev	0,05-9,4
• metric threads range (N ° 54)	mm.	1-60
• whitworth threads range (N° 54)	fx1"	30-0,5
• modul threads range (N° 54)	Mod.	1-60
• diametral pitch threads range (N° 54)	D.P.	30-0,5
• feeds bar diameter	mm.	40
• diameter lead screw	mm.	60
• pitch lead screw	mm.	12

TAILSTOCK

• quill diameter	mm.	120
• quill travel	mm.	350
• tailstock quill inside taper	C.M.	6
• transverse displacement in the two directions	mm.	20



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MOTORS

• spindle motor	KW	22
• motor power axis	KW	1,1
• coolant pump	KW	0,25
• lubrication motor pump	KW	0,18

GENERAL DATA

• approx weight	Kg.	15000
• floor space	mm.	9400x1700
• height machine	mm.	1600



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STANDARD ACCESSORIES

- 3 Axis digital readouts
- 4 Jaws independent chuck diameter mm. 800
- Tool turret with 4 positions
- Coolant system
- 3 Jaws manual self centering
- N° 2 Steady rest
- Set of standard toolholders
- Operator and maintenance manuals