



TITANIUS 1500
Cod: DMTO007

PROFESSIONAL LATHES DYNAMIC 2000 DIGIT

Cod: DMTO014



This sturdy and accurate professional lathe is intended for mechanical workshops performing high precision and large-size operations. This machine is equipped with automatic Norton gearbox, digital readout of DRO measures, white-water cooling pump and direct light lamp. Thanks to an automatic feeding system which can be oriented in all directions, you will be able to carry out countless operations in addition to threading. This lathe is factory configured with self-centering spindle with 3 (inner and outer) jaws, two tailstocks with taper, feeding carriage, two steady rests, metal machine base and maintenance key set.

OVERALL DIMENSIONS	
Dimensions with machine base	Lu. 3331 x La. 1180 x A. 1740 mm
Net weight	2770 Kg
LATHE SPECIFICATIONS	
Spindle Ø	310 mm
Distance between centres	2000 mm
Spindle bore Ø	80 mm
Max tool size in standard turret	25 mm
Max transverse turning Ø	360 mm
Tailstock vice taper	133 mm
Turret saddle stroke	310 mm
Transverse stroke	D1-8
Tool turret stations	N. 12
Spindle bore taper	da 0.2 a 14 mm / da 2 a 112 pollici
Thread range	0.020 a 0.56
Transverse turning feed	da 0.059 a 1.646
Longitudinal turning feed	P. 6 mm / D. 40 mm
MOTOR	
Power	7.5 Kw - 10 HP
Type	Trifase

PROFESSIONAL LATHES OLIMPUS 2000/3000 DIGIT



OVERALL DIMENSIONS

Dimensions with machine base Lu. 3210 x Lo. 1230 x A. 1670 mm

Net weight 3000 Kg

LATHE SPECIFICATIONS

Max turning Ø over guides 800 mm

Max turning Ø without guides 1035 mm

Extractable guide length 200 mm

Center height 400 mm

Spindle Ø 320 mm

Steady rest bore 200 mm

Working distance between centers 3000 mm

Max tool section 30 x 30 mm

Spindle speed number 16 mm

Spindle speeds 25 - 35 - 50 - 70 - 85 - 110 - 155 - 180 - 215 - 250

Guides' width - 350 - 480 - 540 - 750 - 1100 - 1600

Transverse stroke 400 mm

Second longitudinal stroke 420 mm

Spindle taper and bore At. D1-8 / Fo. 105 mm

MOTOR

Power 75 Kw - 10 HP

Type Three-phase motor

SPINDLE

TURRET

LATHE



This sturdy, accurate and reliable professional lathe is intended for mechanical workshops performing high precision and large-size operations. This machine is equipped with automatic Norton gearbox, white-water cooling pump and direct light lamp. Thanks to an electric feeding system which can be operated by joystick and oriented in all directions, you will be able to carry out countless operations in addition to threading. This lathe is factory configured with two steady rests, spindle with 3 inner and outer jaws, rotating tailstock and maintenance key set.

MILLING MACHINES
SERIE ORION



ORION 1.6
Cod: DMFR007

ORION 2.0
Cod: DMFR008

ORION 2.5
Cod: DMFR010

ORION 3.2
Cod: DMFR002

ORION 4.0/4.5
Cod: DMFR005

Orion Series of milling machines by Damatomacchine ranges from Orion 1.6, the smallest model for hobbyists, to Orion 4.5 Super, specially designed for woodworking professionals. As well as all the machines manufactured by Damatomacchine, Orion milling machines fully comply with EC regulation and, mostly important, they are sturdy, very accurate and reliable in terms of quality. The wide range of Orion milling machines are factory configured and sold fitted with single-phase motor, but they can also be supplied with three-phase motor, subject to a slight price change, to benefit an even more powerful and durable machine. From Orion 3.2 model, Damatomacchine offers you the chance to add an electric digital display ensuring a complete and increasingly accurate machining overview. A wide choice of professional accessories is also available at our warehouse located at No. 27 of Via Tevere, in Olgiate Olona (Varese), or on our web site www.damatomacchine.com



TECHNICAL SPECIFICATIONS	ORION 1.6	ORION 2.0	ORION 2.5	ORION 3.2	ORION 4.0	ORION 4.5
Cross table dimensions	400 x 120mm	500 x 280mm	520 x 160mm	800 x 160mm	800 x 240mm	800 x 240mm
Cross table longitudinal range	220 mm	175 mm	150 mm	500 mm	500 mm	500 mm
Cross table transverse range	160 mm	280 mm	230 mm	175 mm	175 mm	175 mm
Sleevs range	50 mm	50 mm	60 mm	80 mm	80 mm	80 mm
Distance between column and spindle centre	170 mm	200 mm	200 mm	200 mm	200 mm	200 mm
Spindle taper	MT2	MT2	MT3	MT3	MT4	MT4
DIMENSIONS						
Dimensions	1600 x 800mm	1700 x 860mm	1900 x 900mm	1160 x 2200mm	1160 x 2050mm	1160 x 2050mm
Motor power	500W Mono	500W Mono	1 HP Mono	750W Mono	1100W Mono	1500W Mono
Weight	60 Kg	110 Kg	132 Kg	295 Kg	330 Kg	330 Kg

ORION 4.5 SUPER
Cod: DMFR005D