

UNIVERSAL LATHE PROFI 610/150



- Including RÖHM lathe chuck

Ready for operation: including oil filling, preservative removed (degreased), completely assembled and test run carried out

Article Number: **88003**

EAN Code: **9004853880032**

Now included for a short time free of charge:

88941 | RÖHM three-jaw lathe chuck



TECHNICAL FACTS

PRODUCT HIGHLIGHTS

Lightweight centre lathe, 1,100 watts

The PROFI 610/150 model has all the characteristics of a modern universal lathe: Good speed and feed selection, longitudinal and lateral feed, feed reversal, powerful feed shaft for high cutting performance and fine machining, precise lead screw for thread machining, rotary spindle selector shaft for clockwise or anti-clockwise rotation and straightforward, safe operation.

With a maximum turning diameter over slide of $\varnothing 178 \times 914$ mm and a spindle bore of $\varnothing 38$ mm, the PROFI 610/150 meets virtually all the needs of car and body workshops, lightweight engineering and installation companies.

The machine is equipped with a spindle lock to prevent simultaneous engagement of the lead and feed spindles - which helps to ensure safe turning in training workshops and vocational colleges.

The PROFI 610/150 is driven by a powerful 1,100 watt motor. Nine speed and 16 feed levels offer a good choice for the right cutting speed.

Easily comprehensible tables on the spindle head for 36 metric and 20 imperial threads, spindle and feed gearbox

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which runs in an oil bath is easy to change and a precise tool carriage makes the life of the machining technician easier.

The PROFI 610/150 model comes with a tool cabinet subframe and comprehensive standard features at a good price, oil filling and test run included.

A digital position display from SINO for optimal position control, a coolant system and other optional extras such as a RÖHM chuck are offered as options.

Standard features

- RÖHM three-jaw chuck Ø 160 mm
- Four-jaw face-plate chuck Ø 200 mm
- Clamping disc Ø 260 mm
- 2 fixed centre points
- Revolving centre point MK 3
- Travelling rest
- Steady rest
- Quick-change steel holder set MA
- Threading gauge and spare wheel set
- Halogen machine lamp
- Emergency stop button / zero- voltage release
- Chuck protection with safety switch
- Subframe / chip tray / bulkhead
- Tool set / Operating Instructions / CE

SPECIFICATIONS	
Tip width	610 mm
Tip height	150 mm
turning diameter over bed	300 mm
turning diameter over carriage	178 mm
turning diameter without bridge	430 mm
machine bed width	180 mm
bridge length	225 mm
cross slide way	175 mm
top slide way	95 mm
turning chisel cross-section, max.	16x16 mm

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rotating feed intake	D1 - 4
mandrel holding fixture (screw mandrel)	MK 5
spindle bore	38 mm
rotational speed	65 - 1810 rpm
speed gradually	18
longitudinal feed	(16) 0.078 - 1.044 mm/rev
cross feed rates	(16) 0.018 - 0.236 mm/rev
Thread size metric (M..)	(36) 0.45 - 10 mm
inch thread, gears G	(20) 2 1/4 - 40 G/
lead screw gradient	3 mm
lead screw diameter	22 mm
sleeve holding fixture	MK 3
quill diameter	32 mm
spindle stroke	100 mm
motor power	1100 W
voltage	400/50 V/Hz
length (total)	1700 mm
height (total)	1270 mm
Weight	390 kg

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START UP SERVICE - ELMAG - QUALITY

ELMAG® - Start-up Service

Including ELMAG®-Quality Check

- Depreservation, degreasing and de-securing
- Assembly until ready for use
- Oil filling of gearboxes, oil baths and central lubrication systems
- Testing of electrics, safety components and devices
- Test run on all shift and power levels
- 30-minute test run at the highest power level
- Checking and, if necessary, adjustment of machine tolerances, e.g. V-belt tension and spindle concentricity
- Testing of all machine functions

For lathes, in addition:

- Lathe chuck reassembly with marking of minimum tolerance
- Measurement of the spindle nose to tolerance < 0.01 mm
- Measurement of the lathe chuck
- Setting the tailstock parallelism

For MIG/MAG/MMA/WIG welding, plasma cutting & induction heating equipment (depending on the type of equipment)

- Assembly of the unit, chassis assembly
- Intermediate hose assembly
- Mains plug assembly and gas hose assembly
- Connection preparation for gas or compressed air
- Control cable plug Assembly on hose assembly
- Installation & activation of water cooling unit for modular systems
- Filling with cooling liquid for liquid-cooled units
- Short test run or test welding

Competent execution guaranteed

