
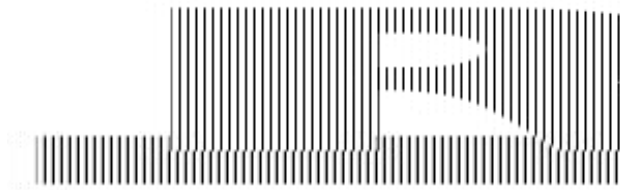




REMS Magnum (up to 2") – Threading machine User Guide

[Home](#) » [REMS](#) » REMS Magnum (up to 2") – Threading machine User Guide 



**Magnum (up to 2") – Threading machine
User Guide**



Contents

- [1 Magnum \(up to 2"\) – Threading machine](#)
- [2 Operating principle](#)
- [3 Threading machine](#)
- [4 Supply format](#)
- [5 Accessories](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)

Magnum (up to 2") – Threading machine

Robust, compact high performance machine for threading, cutting, deburring, threading of nipples, and roll grooving. For installation, metalworking, and industry. For job site and workshop.

Pipe threads Bolt threads	(1 /16) 1/8 – 2", 16 (6) 8 – 60 mm, 1/4
For thread types see page 40.	
Grooving of pipes with REMS roll grooving attachment	DN 25 – 300 1 – 12"



Info

http://www.rems.de/go_qr.aspx?qrid=8

REMS Magnum – the compact up to 2".

Operating principle

Rotating material – stationary tools.

Design

Robust, compact, job site-proven design. Favorable size and weight, e.g. REMS Magnum 2000 L-T only 57kg. Large work and chip compartment. Tool support.

2 versions:

- Light version L-T with removable large oil basin and chip tray.
- Version T with integrated, even larger oil basin and chip tray.

For workbench. Stand, collapsible wheel stand or wheel stand with material shelf, as an accessory, for easy transport, optimum working height, and stable positioning.

Drive

Extremely powerful and fast, e.g. thread R 2" in only 15 s.

Completely maintenance-free gear which runs in a sealed oil bath.

Choice of 3 powerful motors:

- Strong universal motor, 1700 W.

Overload protection. Spindle speed 53 rpm.

- Pole-reversible capacitor motor, 2100 W.

Overload protection. 2 spindle speeds 52 and 26 rpm, also under full load. Extremely quiet running.

- Pole-reversible 3~ induction motor, 2000 W.

Overload protection. 2 spindle speeds 52 and 26 rpm, also under full load. Extremely quiet running.

Operator-friendly safety foot switch with emergency-stop, 2-step. The footswitch can be loaded with full body weight during operation.

Chuck

Proven quick-action hammer chuck, self-tightening. No slipping of pipes.

Large space between chuck and centering device ensures secure clamping of long pipes. Rear centering device for alignment of the material. Collets are available for clamping pipes < Ø 1½" and bolts < Ø 8 mm.

Automatic lubrication and cooling

Robust, proven oil pump with high pumping volume. Optimized oil distribution directly onto the threading point through the die head ensures clean threads and long service life of dies, gear, and motor.

Universal automatic die head

Only one universal automatic die head for all threads, including long threads; automatic opening with automatic thread-length-stop for tapered threads.

Fast and easy adjustment of thread size. Simple and fast change of dies through lock-in positioning in the die holder.

Dies

The proven, indestructible REMS quality dies with precise cutting geometry ensure excellent start-cutting performance, easy threading, and clean threads.

Dies in high-quality special-grade steel, fully tempered and hardened, for an extremely long die life.

Pipe cutter

Self-centering. Robust body made of forged steel. Ergonomic, wide handle for the powerful infeed of spindle. Specially hardened cutter wheel in tough-hard REMS die-steel ensures long service life.



Choice of 3 powerful motors.



Inner pipe deburring

Robust, easy-to-handle deburring device for adjustable deburring positioning. A specially hardened and designed deburring blade ensures easy deburring and an extremely long service life. Two cutting edges for optimum chip flow, especially for small diameters.

Thread-cutting oil

REMS Sanitol and REMS Spezial (page 49). Specially developed for threading.

High cooling and lubricating effect. Essential for clean threads and longer service life of dies, tools, and machines.

Nipple-threading

Efficient with automatic internal clamping REMS Nippelfi x ½ – 2" (4") or with manual internal clamping REMS Nippelspanner ¾ – 2" (page 48).

REMS roll grooving attachment

Robust, compact roll grooving attachment with oil hydraulic in-feed for pipe grooving of grooved coupling systems DN 25 – 300, 1 – 12" (page 50).

Threading machine



Version L-T

Stand
(Accessory)



Version T

Wheel stand
(accessory)

Supply format

REMS Magnum. Threading machine for pipe threads (1 /16) 1/8–2", 16 – 63 mm, bolt thread (6) 8 – 60 mm, 1/4 – 2". With maintenance-free gear, safety foot switch with emergency stop, self-tightening quick-action hammer chuck, rear centering device, automatic lubrication, and cooling. With complete toolset consists of one universal automatic die head for all threads, also long threads; automatic opening, with automatic thread-length-stop for tapered threads, dies for pipe threads, tapered, ISO 7-1, EN 10226 (DIN 2999, BSPT) R 1/2 – 3/4" and R 1–2" right-hand, pipe cutter, inner pipe deburring, pressing lever. Tool support. Choice of 3 motors. Version L-T with removable large oil basin and chip tray. Version T with integrated, even bigger oil tray and chip tray. For workbench, stand, collapsible wheel stand, or wheel stand with material shelf. In a carton.



Description	Version	Art.-No.
2000 L-T	Universal motor 230 V or 110 V, 50-60 Hz, 1700 W. 53 rpm.	340226
2010 L-T	Pole-reversible capacitor motor 230 V, 50 Hz, 2100 W. 52/26 rpm, also under full load. Extremely quiet running.	340227
2020 L-T	Pole-reversible 3- induction motor 400 V, 50 Hz, 2000 W. 52/26 rpm, also under full load. Extremely quiet running.	340228
2000 r	Universal motor 230 V or 110 V, 50-60 Hz, 1700 W. 53 rpm.	340220
2010 r	Pole-reversible capacitor motor 230 V, 50 Hz, 2100 W. 52/26 rpm, also under full load. Extremely quiet running.	340221
2020 r	Pole-reversible 3- induction motor 400 V, 50 Hz, 2000 W. 52/26 rpm, also under full load. Extremely quiet running.	340222

Accessories



Description	Art.-No.
Stand	344105
Wheel stand with material shelf	344100
Collapsible wheel stand	344150
Dies see page 40.	
Universal automatic die head 1/16 – 2" quick-change die head instead of changing the dies	341000
REMS cutter wheel St 1/8 4", s 8	341614
Thread-cutting oil see page 49.	
For the nipple, the holder see page 48.	
For the nipple, the holder see page 48.	
Nipple holder	
REMS Herkules material supports, see page 104.	
REMS roll grooving attachment for pipe grooving, see page 50.	347000



[REMS Magnum \(up to 2''\) - Threading machine](#) [pdf] User Guide
Magnum up to 2 - Threading machine, Magnum, up to 2 - Threading machine, Threading machine, machine