

REMS Magnum

(up to 2")

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

Pipe threads	($\frac{1}{16}$) $\frac{1}{8}$ –2", 16–63 mm
Bolt threads	(6) 8–60 mm, $\frac{1}{4}$ –2"

Thread types see page 40.

Grooving of pipes with REMS roll grooving attachment	DN 25–300 1–12"
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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 57 kg. 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. Foot switch, can be loaded with the 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 $< \frac{1}{2}$ " and bolts $< \frac{1}{2}$ 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 die holder.

Dies

The proven, indestructible REMS quality dies with precise cutting geometry ensure an excellent start-cutting performance, easy threading and clean threads. Dies in a high-quality special-grade steel, fully tempered and hardened, for extremely long die life.

Pipe cutter

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

Inner pipe deburrer

Robust, easy-to-handle deburring device for adjustable deburring positioning. Specially hardened and designed deburring blade ensures easy deburring and extremely long service life. Two cutting edges for optimum chip flow, specially 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 Nippelfix $\frac{1}{2}$ –2" (4") or with manual internal clamping REMS Nippelspanner $\frac{3}{8}$ –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



German Quality Product



Choice of 3 powerful motors.

