

REMS Magnum RG

Roll grooving machine

Robust, compact high performance machine with roll grooving attachment for pipe grooving of pipe coupling systems. For installation, sprinkler lines, commercial heating lines, industry and mining.
For job site and workshop.

Steel pipes	DN 25–300 1–12" s ≤ 7.2 mm
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Stainless steel pipes, copper, aluminium, PVC pipes	
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Pipe threads 1/16–2", 16–63 mm, bolt threads 6–60 mm, 1/4–2", with conversion kit.	
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REMS Magnum RG – the compact up to 12". Immensely powerful and extremely fast. Feed of the pressure roller with oil-hydraulic pressure cylinder.

Design

Robust, compact, job site-proven design. Favorable size and weight, e.g. REMS Magnum 2010 RG-T only 68 kg. Tool support. 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

Immensely powerful and fast, e.g. roll grooving of 6" steel pipe with REMS Magnum 2010 RG-T in just 40 s. Completely maintenance-free gear which runs in a sealed oil bath. Choice of 3 powerful motors (see REMS Magnum page 32). Operator-friendly safety foot switch with emergency-stop, 2-step, can be loaded with the full body weight during operation.

Roll grooving attachment

Compact, job site-proven. Robust metal housing for tough use. Handy, easy to transport, only 26 kg. Oil hydraulic pressure cylinder for powerful in-feed of pressure roller. Pressure build-up with hydraulic hand pump. Built-in ring gauge for automatic groove-depth-stop.

Grooving rollers

The proven REMS grooving rollers with perfectly size-adjusted pressure rollers and counterpressure rollers with well gripping axial knurls guarantee a secure rotation of the pipe and precise grooving. Grooving rollers machined from hardened special steel ensure extremely long service life. 3 pairs of groove rollers (pressure roller, counter-pressure roller) for the whole working range DN 25–300, 1–12", easy change. Grooving rollers Cu (pressure roller, counterpressure roller) for copper pipe 54–159 mm. Groove rollers INOX (pressure roller made of stainless steel, counter-pressure roller made of toughened, specially hardened steel, nickel-plated) for stainless steel pipes 2–6" and 8–12". Grooving rollers for aluminium, PVC pipes on request.

Conversion kit for threading

Tool set 1/4–2" complete with universal automatic die head, dies for pipe threads, tapered, ISO 7-1 (DIN 2999, BSPT) R 1/2–3/4 and R 1–2" right-hand, pipe cutter, inner pipe deburrer, pressing lever, pump for automatic oiling, oil basin, chip tray.



German Quality Product



Stand
(Accessory)



Wheel stand (Accessory)



Herkules 3B (Accessory)



Collapsible wheel stand (Accessory)

Supply format

REMS Magnum RG. Roll grooving machine for pipe grooving of pipe coupling systems DN 25–300, 1–12". With maintenance-free gear, safety foot switch with emergency-stop, self-tightening quick-action hammer chuck, rear centering device, automatic lubrication and cooling, tool support. Choice of 3 motors. Roll grooving attachment, hydraulic hand pump, built-in ring gauge with automatic groove-depth-stop, 1 set of grooving rollers (pressure roller, counterpressure roller) 2–6", hexagon key. For workbench, stand, collapsible wheel stand or wheel stand with material shelf. In a carton.

Description	Version	Art.-No.
2000 RG-T	Universal motor 230 V or 110 V, 50–60 Hz, 1700 W. 53 rpm.	340230
2010 RG-T	Pole-reversible capacitor motor 230 V, 50 Hz, 2100 W. 52/26 rpm, also under full load. Extremely quiet running.	340231
2020 RG-T	Pole-reversible 3~ induction motor 400 V, 50 Hz, 2000 W. 52/26 rpm, also under full load. Extremely quiet running.	340232

Other voltages on request.

Accessories

Description	Art.-No.
Stand	344105
Wheel stand with material support	344100
Collapsible wheel stand	344150
REMS Herkules 3B , material support, see page 94.	
Grooving rollers and other accessories, see page 48.	
Conversion kit Magnum RG-T to L-T for threading.	340110

