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 25–200 (300)  
1–8” (12”)  
s ≤ 7 mm

Stainless steel pipes, copper, aluminium, 
PVC pipes
Pipe threads 1/16 – 2”, 16 – 63 mm, bolt threads 6 – 60 mm, 1/4 – 2”, with conversion kit.

REMS Magnum RG – the compact up to 12”.

Execution
Robust, compact, job site-proven design. Favorable size and weight, e.g. REMS Magnum 2000 RG-T only 68 kg. Tool support. Stand or wheel stand with material support, as accessory, for optimum work height and secure standing.

Drive
Extremely powerful and fast. Completely maintenance-free gear which runs in a sealed oil bath. Choice of 3 powerful motors (see REMS Magnum page 34). 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 sets of grooving rollers (pressure roller, counterpressure roller) for the complete work range DN 25–200 (300), 1–8” (12”), easily interchangeable. Grooving rollers Cu (pressure roller, counterpressure roller) for copper pipe 54–159 mm / 2–6”. Grooving rollers for stainless steel, aluminium, PVC pipes on request.

Conversion kit for threading
Tool set ¼ – 2” complete with universal automatic die head, dies for pipe threads, tapered, ISO 7-1 (DIN 2999, BSPT) R ½ – ¼ and R 1 – 2” right-hand, pipe cutter, inner pipe deburrer, pressing lever, pump for automatic oiling, oil basin, chip tray.

Material supports
Vertically adjustable material supports REMS Herkules and REMS Herkules Y (page 86).

Supply format
REMS Magnum RG. Roll grooving machine for pipe grooving of pipe coupling systems DN 25–200 (300), 1–8” (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 or wheel stand with material support.

<table>
<thead>
<tr>
<th>Description</th>
<th>Version</th>
<th>Art.-No.</th>
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<tbody>
<tr>
<td>2000 RG-T</td>
<td>Universal motor 230 V or 110 V, 50–60 Hz, 1700 W. 53 rpm.</td>
<td>340230</td>
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<tr>
<td>2010 RG-T</td>
<td>Pole-reversible capacitor motor 230 V, 50 Hz, 2100 W. 52/26 rpm, also under full load. Extremely quiet running.</td>
<td>340231</td>
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<tr>
<td>2020 RG-T</td>
<td>Pole-reversible 3~ induction motor 400 V, 50 Hz, 2000 W. 52/26 rpm, also under full load. Extremely quiet running.</td>
<td>340232</td>
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Other voltages on request.

Accessories

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<th>Description</th>
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<tr>
<td>Stand (picture see page 35)</td>
<td>344105</td>
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<tr>
<td>Wheel stand with material support</td>
<td>344100</td>
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<tr>
<td>Grooving rollers and other accessories, see page 52.</td>
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<tr>
<td>Conversion kit Magnum RG-T to L-T for threading.</td>
<td>340110</td>
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