





ROLL GROOVING

PIPETOOLS CATALOGUE



Roll Grooving

	Roll grooving attachments	50
	Roll grooving machine	51
	Cordless roll grooving machine	52
	Roll grooving machines	54

REMS roll grooving attachment

Roll grooving attachment

Robust, compact roll grooving attachment with oil hydraulic forward feed for grooving pipes of pipe coupling systems. For installation, sprinkler lines, commercial heating, industry and mining. For job site and workshop.

Steel pipes DN 25 – 300
1 – 12"
s ≤ 7.2 mm

Stainless steel pipes, copper, aluminium, PVC pipes

REMS roll grooving attachment – compact – universal. Oil hydraulic pressure cylinder for powerful in-feed of pressure roller.

Design

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. Individually adjustable groove-depth-stop with fine adjustment, for automatic limitation of groove depth. 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 1 – 1½", 2 – 6" and 8 – 12". Grooving rollers for aluminium, PVC pipes on request.

Drive

Only one roll grooving device for REMS Amigo, REMS Amigo 2, REMS Amigo 2 Compact, REMS Tornado and REMS Magnum. Fast, simple assembly. 3-face drive shaft of roll grooving attachment for secure clamping and optimum power transmission. Roll grooving attachments for threading machines of other makes, adjusted to support arm distance, diameter of support arm and spindle axis of the corresponding drive machine, on request.



German Quality Product



Info



Supply format

REMS roll grooving attachment. Roll grooving attachment for grooving pipes of pipe coupling systems DN 25 – 300, 1 – 12". Roll grooving attachment, hydraulic hand pump, built-in ring gauge for automatic groove-depth-stop, 1 pair of groove rollers (pressure roller, counter-pressure roller) 2 – 6", Allen key. For REMS Amigo, REMS Amigo 2, REMS Amigo 2 Compact, REMS Tornado and REMS Magnum or for other thread cutting machine makes. In a carton.

Description	fit onto	Art.-No.	
REMS roll grooving attachment	REMS Amigo/ Amigo 2 Compact ¹⁾ REMS Amigo 2 ¹⁾ REMS Tornado ²⁾ REMS Magnum ²⁾	347000	
Roll grooving attachment R 300	Ridgid 300	347001	

¹⁾ Conversion kit Amigo/Amigo 2/Amigo 2 Compact (Art. No. 347007) required.

Can be used for roll grooving devices manufactured from 2014 onwards.

²⁾ Can only be used for roll grooving up to DN 200, 8" on T versions.

Roll grooving attachments for other makes on request.

Accessories

Description	Art.-No.	
Grooving rollers 1 – 1½" (pair), for steel pipes	347030	
Grooving rollers INOX 1 – 1½" (pair), for stainless steel pipes	347053	
Grooving rollers 2 – 6" (pair), for steel pipes	347035	
Grooving rollers INOX 2 – 6" (pair), for stainless steel pipes	347046	
Grooving rollers 8 – 12" (set), for steel pipes	347040	
Grooving rollers INOX 8 – 12" (pair), for stainless steel pipes	347047	
Grooving rollers Cu 54 – 159 (pair) for Cu pipes	347034	
Conversion kit Amigo / Amigo 2 / Amigo 2 Compact / Amigo 22V	347007	

REMS Herkules material supports, see page 107.



Powerful roll grooving machine for fast, economical grooving of pipes for pipe coupling systems. For installation, sprinkler lines, commercial heating, industry and mining. For job site and workshop.

Steel pipes DN 25 – 300
1 – 12"
 $s \leq 7.2 \text{ mm}$

Stainless steel pipes, copper, aluminium, PVC pipes

REMS Collum – electrical roll grooving up to 12".
Fast and economical feed of the pressure roller with oil-hydraulic pressure cylinder.

Design

Robust, compact construction suitable for building sites. Favourable dimensions, favourable weight, roll grooving device with drive machine only 31 kg. For work bench. Stand or wheel stand as an accessory, for easy transport, optimum working height and stable positioning.

Drive

Fast and powerful, e.g. roll grooving of 6" steel pipe with REMS Collum in just 52 s. Sturdy, compact gear, maintenance-free. Robust, powerful 1200 W universal motor (REMS Collum and REMS Collum 2 Compact) or 1700 W universal motor (REMS Collum 2) for intensive use at large dimensions. Safety switch. Foot switch with coupling for ergonomic working as an accessory.

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 1 – 1½", 2 – 6" and 8 – 12". Grooving rollers for aluminium, PVC pipes on request.

Material support

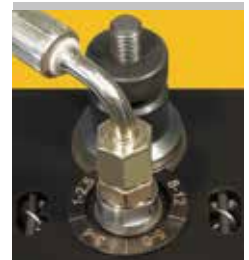
Extra sturdy REMS Herkules XL 12" material support for roll grooving of pipes up to 12" (page 107).



German Quality Product



Info



Wheel stand (Accessory)

Herkules 3B (Accessory)

Supply format

REMS Collum. Roll grooving attachment for grooving pipes of pipe coupling systems DN 25 – 300, 1 – 12". Roll grooving attachment, hydraulic hand pump, built-in ring gauge for automatic groove-depth-stop, 1 pair of groove rollers (pressure roller, counter-pressure roller) 2 – 6", Allen key. Choice of 3 drive units, with maintenance-free gear, powerful universal motor, safety switch. For workbench, stand or wheel stand. In a carton.

Description	Version	Art.-No.	
Collum	Universal motor 230 V, 50 – 60 Hz, 1200 W, overload protection. 29 min ⁻¹	347006	
Collum 2	Universal motor 230 V, 50 – 60 Hz, 1700 W. 28 min ⁻¹	347008	
Collum 2 Compact	Universal motor 230 V, 50 – 60 Hz, 1200 W, overload protection. 26 min ⁻¹	347009	

Other voltages on request.

Accessories

Description	Art.-No.
Stand	849315
Wheel stand	849310
Foot switch with coupling	347010

REMS Herkules material supports, see page 107.

Grooving rollers and other accessories, see page 50.



Powerful, mobile, cordless roll grooving machine for fast, economical grooving of pipes for pipe coupling systems. For installation, sprinkler lines, commercial heating, industry and mining. For job site and workshop. Li-Ion 22V Technology. For battery and corded operation.

Steel pipes	DN 25 – 300 1 – 12" $s \leq 7.2 \text{ mm}$
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Stainless steel pipes, copper, aluminium, PVC pipes

REMS Collum 22 V – electrical roll grooving up to 12".
Mobile, fast, economical. Feed of the pressure roller with oil-hydraulic pressure cylinder. Li-Ion 21.6 V, 9.0 Ah battery, for approx. 23 DN 100/4" grooves with one battery charge*.

Design

Compact, robust, building site-compatible, mobile. Convenient dimensions, comfortable weight, cordless roll grooving machine with drive unit just 34 kg. Practical D-shaped handle with soft grip. Machine status check with overload protection of the drive unit against too high currents, with overheating protection by motor temperature monitoring (NTC), with electronic battery charging status check by a 2-coloured green/red LED. For work bench. Stand or wheel stand as an accessory, for easy transport, optimum working height and stable positioning.

Drive

Powerful and fast, e.g. roll grooving of 4" steel pipe in just 77 s. Solid, maintenance-free gear. Powerful battery motor 21.6 V, with high power reserve, 500 W output, for intensive use with large dimensions. High grooving speed 27 – 20 rpm. Safety tip switch.

Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6 V batteries with 9.0 Ah capacity for long service life. Light and powerful, for approx. 23 DN 100/4" grooves with one battery charge*. Graduated charging status check by coloured LEDs. Operating temperature range –10 to +60 °C. No memory effect for maximum battery power. Rapid charger 100 – 240 V, 90 W. Rapid charger 100 – 240 V, 290 W, for shorter charging times, as accessory. Voltage supply 220 – 240 V/21.6 V, 40 A output, for mains operation instead of Li-Ion battery 21.6 V, as accessory.

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 1 – 1½", 2 – 6" and 8 – 12". Grooving rollers for aluminium, PVC pipes on request.

Material support

Extra sturdy REMS Herkules XL 12" material support for roll grooving of pipes up to 12" (page 107).



German Quality Product



Info





Wheel stand (Accessory)

Herkules 3B (Accessory)



Stand (Accessory)

Herkules XL 12" (Accessory)

Supply format

REMS Collum 22V. Cordless roll grooving machine for grooving pipes for DN 25–300, 1–12" pipe coupling systems. Roll grooving attachment, hydraulic hand pump, built-in ring gauge for automatic groove-depth-stop, 1 pair of groove rollers (pressure roller, counter-pressure roller) 2–6", Allen key. Drive unit with maintenance-free gear, powerful battery motor 21.6V, 500 W. Safety switch. Right and left-hand rotation, machine status check with overload protection, temperature monitoring, battery charging status check. Universal support. Li-Ion 21.6V, 9.0Ah battery, 100–240V, 50–60 Hz, 90W rapid charger. For workbench, stand or wheel stand. In a carton.

Description	Art.-No.
	347005

Other voltages on request.



Accessories

Description	Art.-No.
REMS Amigo 22V drive unit, without battery	530004
Battery Li-Ion 21.6V, 9.0Ah	571583
Rapid charger 100–240V, 50–60 Hz, 90W	571585
Rapid charger 100–240V, 50–60 Hz, 290W	571587
Voltage supply 220–240V/21.6V, 50–60 Hz, 40A, for mains operation instead of battery Li-Ion 21.6V	571578
Stand	849315
Wheel stand	849310
REMS Herkules material supports, see page 107.	
Grooving rollers and other accessories, see page 50.	
REMS Lumen 2800 22V, cordless LED flood light, see page 111	



* Ambient temperature approx. 20°C.

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" $s \leq 7.2 \text{ mm}$
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Stainless steel pipes, copper, aluminium, PVC pipes

Pipe threads $\frac{1}{16}$ – 2", 16 – 63 mm, bolt threads 6 – 60 mm, $\frac{1}{4}$ – 2", with conversion kit.

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 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 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 1 – 1½", 2 – 6" and 8 – 12". Grooving rollers for aluminium, PVC pipes on request.

Conversion kit for threading

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

Material support

Extra sturdy REMS Herkules XL 12" material support for roll grooving of pipes up to 12" (page 107).



German Quality Product



Info



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 material supports, see page 107.		
Grooving rollers and other accessories, see page 50.		
Conversion kit Magnum RG-T to L-T for threading.	340110	

