REMS Collum 22 V

Cordless roll grooving machine

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 22 V Technology. For battery and corded operation.

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

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Wheel stand (Accessory)

Herkules 3B (Accessory)

Stand (Accessory)

Herkules XL 12" (Accessory)

Supply format

REMS Collum 22 V. 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 21.6 V, 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 21.6 V, 9.0 Ah battery, 100 – 240 V, 50 – 60 Hz, 90 W rapid charger. For workbench, stand or wheel stand. In a carton.

	Art.-No.	€
	347005R220	**3.736,80**

Other voltages on request.

Accessories

Description	Art.-No.	€
REMS Amigo 22 V drive unit, without battery	530004R22	**1.162,56**
Battery Li-Ion 21.6 V, 9.0 Ah	571583R22	**414,16**
Rapid charger 100 – 240 V, 50 – 60 Hz, 90 W	571585R220	**175,42**
Rapid charger 100 – 240 V, 50 – 60 Hz, 290 W	571587R220	**414,16**
Voltage supply 220 – 240 V/21.6 V, 50 – 60 Hz, 40 A, for mains operation instead of battery Li-Ion 21.6 V	571578R220	**517,96**
Stand	849315R	**216,94**
Wheel stand	849310R	**351,88**
REMS Herkules material supports, see page 107.		
Grooving rollers and other accessories, see page 48.		
REMS Lumen 2800 22 V, cordless LED flood light, see page 111		