

# ROLLER'S Disc 100

## ROLLER'S Disc 100 RF



Patent  
EP 1 782 904

German Top Quality



With ROLLER'S Rondo 28-108  
Patent EP 2 500 122



With ROLLER'S Rondo 10-54 E



ROLLER'S Disc 100 RF



Compact, lightweight, robust pipe cutting machine for cutting and removing burr from pipes of the pressfitting systems of stainless steel, copper, C-steel,  $\varnothing$  8–108 mm, steel pipes EN 10255 (DIN 2440) DN 6–100,  $\varnothing$  1/8–4",  $\varnothing$  10–115 mm, cast iron pipes (SML) EN 877 (DIN 19522) DN 50–100, plastic pipes SDR 11 wall thickness  $s \leq 10$  mm,  $\varnothing$  10–110 mm,  $\varnothing$  1/4–4", composite tubes  $\varnothing$  10–110 mm. ROLLER'S Disc 100 RF for welded drain pipe/down pipe made of stainless steel EN 1124  $\varnothing$  40–110 mm

- Universal for cutting many types of pipes.
- Also ideal for right-angled and fast cutting of stainless steel tubes and copper tubes of the pressfitting systems, e. g. stainless steel tubes  $\varnothing$  54 mm in only 4 s.
- Adapted to the requirements of the pressfitting systems:
  - For cutting without external burr, by ROLLER'S special cutting wheel.
  - For dry cutting, therefore no damage to the O-ring by coolant-lubricants.
  - For fast cutting, without impairment of the pipe material by overheating.
  - For chipless cutting, therefore no chips in the pipe system.
  - For right-angle cutting, according to requirements.
- Easy to operate, no setting work, no tools necessary.
- Strong, torsion-free cast structure for right angled cutting. Easy cutting of the pipes by specially designed cutter wheel. Driven cutting wheel and straight feed for fast cutting (Patent EP 10 1 782 904). Effortless feeding by easy-grip, proven feed lever and trapezoidal screw spindle on needle bearing. Cutting wheel protected against touching the running rollers by in-feed limitation.
- ROLLER'S Disc 100 with 4 strong, hardened precision tubular steel running rollers on ball bearings mounted for low-friction rotation of the pipes  $\varnothing$  22–115 mm,  $\varnothing$  1/4–4", to be cut, trapezoidally arranged, replaceable. No setting work in the whole working range  $\varnothing$  22–115 mm. Stainless tubular steel rollers (accessory). Cutting of pipes  $\varnothing$  8–22 mm by placing two pipe sections  $\varnothing$  28 x 220 mm on the running rollers.
- ROLLER'S Disc 100 RF with 4 stable, polyamide running rollers on ball bearings, for avoiding damage to the pipe surfaces, for low-friction rotation of the welded drain pipes/downpipes to be cut made from stainless steel (EN 1124)  $\varnothing$  40–110 mm; pipe guides  $\varnothing$  75 and 110 mm prevent the pipe from becoming oval.
- Optimally set cutting speed (115 rpm) for fast, quiet cutting.
- Low weight, easily portable, only 16.8 kg.
- Robust, maintenance-free gear with high efficiency.
- Proven, powerful 1~ universal motor 230 V, 50–60 Hz, 1200 W, with safety foot switch.
- For workbench. Subframe or mobile subframe (accessory), for easy transport, optimum working height and stable positioning. An alternative feed lever is available for operating the drive unit on the floor (accessory).
- An alternative feed lever (accessory) is available for operating the drive unit on the floor. Pipe rest, height adjustable, for pipes  $\varnothing$  40–110 mm,  $\varnothing$  1/2–4", for operation of the drive unit with feed lever on the floor (accessory).
- **For fast easy removal of burr.** For electrical drive by ROLLER'S Disc 100, ROLLER'S Disc 100 22 V pipe cutting machine
  - Inner pipe deburrer ROLLER'S Rondo 28-108 (accessory) for pipes  $\varnothing$  28–108 mm,  $\varnothing$  3/4–4". With surrounding friction element on the deburrer housing (Patent EP 2 500 122) for electric rotary drive by the cutting wheel of the pipe cutting machine ROLLER'S Disc 100, ROLLER'S Disc 100 22 V.
  - Inner/outer pipe deburrer ROLLER'S Rondo 10-54 E (accessory) for pipes  $\varnothing$  10–54 mm,  $\varnothing$  1/2–2 1/8", see page 168.
- Marking device for marking the insertion depth for fittings on pipes (accessory)

# ROLLER'S Disc 100

## ROLLER'S Disc 100 RF

Scope of Delivery

Art.-No.

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### ROLLER'S Disc 100 Basic

Drive unit with running rollers of hardened precision tubular steel, safety foot switch, ring spanner, without cutting wheel.

845001 A220 **1.463,58**

### ROLLER'S Disc 100 RF Set

Drive unit with polyamide running rollers, Ø 75 and 110 mm pipe guides, safety foot switch, ring spanner, with cutting wheel RF

845003 A220 **2.324,08**

#### Accessories

#### ROLLER'S cutting wheel Cu/INOX

for pipes of the pressfitting systems of stainless steel, copper, C-steel

845050 A 111,07

#### ROLLER'S cutting wheel Cu

specially for pipes of the pressfitting systems of copper

845053 A 111,07

#### ROLLER'S cutting wheel St

for steel pipes, cast pipes (SML)

845052 A 111,07

#### ROLLER'S cutting wheel V, s 10

for plastic and composite tubes (wall thickness  $s \leq 10$  mm)

845051 A 111,07

**ROLLER'S cutting wheel C-SF** especially for pipes of the pressfitting systems/push fitting systems of carbon steel, simultaneously produces a chamfer.

845055 A 111,07

#### ROLLER'S cutting wheel RF

for welded drain pipe / down pipe made of stainless steel EN 1124 with ROLLER'S Disc 100 RF

845054 A 111,07

**Feed lever with spring plug** for operating the drive unit on the floor (for Disc 100 manufactured from 2014 onwards).

845218 R 91,66

**Pipe rest 1**, height adjustable, for pipes Ø 40–110 mm, Ø 1½–4", with operation of the drive unit with feed lever on the floor

845220 R 152,59

**Rollers**, pack of 4, of hardened, precision steel

845118 R 214,87

**Rollers INOX**, pack of 4, of stainless steel

845110 RINOX 303,10

**Rollers polyamide**, pack of 4

845131 RPA 355,00

#### Marking device

for marking the insertion depth for fittings on pipes. For ROLLER'S Disc 100 or Disc 100 22 V

845530 R 129,75

#### ROLLER'S Rondo 28–108

Inner pipe deburrers for pipes Ø 28–108 mm, Ø ¾–4". For electric rotary drive by the cutting wheel of the ROLLER'S Disc 100 or ROLLER'S Disc 100 22 V (with cutting wheel Art. No. 845050 or 845053)

113840 A 333,20

#### ROLLER'S Rondo 10–54 E

Inner/outer pipe deburrers for pipes Ø 10–54 mm

See page 168

#### Subframe

849315 R 216,94

#### Subframe, mobile

849310 R 351,88

**ROLLER'S Werkmeister**, collapsible workbenches

See page 170

**ROLLER'S Assistent**, height adjustable material rests

See page 172

#### L-Boxx H system case

for ROLLER'S Disc 100 / Disc 100 RF

845085 A 142,73

