

ROLLER'S Robot 3



German Top Quality



Subframe (accessory)



Subframe, mobile (accessory)



Robot, powerful thread cutting machine for pipe threads (1/16) 1/2–3", 16–63 mm, bolt threads (6) 20–60 mm. Grooving of pipes with ROLLER'S roller groove device DN 25–300, Ø 1–12".

- One tool set 1/4–2 and 2 1/2–3" each specially adapted to the respective working area for quick, safe and easy thread cutting, cutting off and deburring.
- Proven clamping chuck and centring chuck. Very large distance between the clamping chuck and the centring chuck for safe, centred clamping of the material, especially long pipes. Clamping sleeves are available for clamping pipes < Ø 1/2" and bolts < Ø 18 mm.
- Just one universal automatic die head 1/4–2 und 2 1/2–3" each, also long threads, instead of a lot of different die heads.
- Die head opens automatically on reaching the standard thread length for conical pipe threads.
- 5 dies 2 1/2–3" for even distribution of the cutting force on the pipe to give a high quality round thread.
- Quick, easy changing of the dies by ball latch in the die head. Not possible to fall out.
- Automatic lubrication cooling for clean thread and longer life of dies, gear and motor.
- Two versions each for workbench, mobile and folding subframe or mobile subframe with shelf (accessory). Lightweight versions Robot 2 L with removable oil and chip tray.
- Stable, maintenance-free gear with high efficiency.
- Choice of 3 proven, powerful motors:
 - 1~ **Universal motor** 230 V, 50–60 Hz, 1700 W, 53 rpm,
 - Pole-reversible 1~ **capacitor motor** 230 V, 50 Hz, 2100 W, 2 spindle speeds 20/10 rpm, very quiet running,
 - Pole-reversible 3~ **three-phase current motor** 400 V, 50 Hz, 2000 W, 2 spindle speeds 20/10 rpm, very quiet running,
- Right and left-hand rotation. Safety foot switch with emergency stop.

Scope of Delivery

Art.-No.

kr

ROLLER'S Robot 3 L

Drive unit with clamping chuck, centring chuck, tool shelf.
Tool sets 1/4–2" or 2 1/2–3", consisting respectively of universal automatic die head with dies for right-hand pipe thread ISO 7-1, EN 10226 (DIN 2999, BSPT), pipe cutter, pipe inside deburrer. Automatic lubrication cooling, removable oil and chip tray.

U with universal motor	Equipment 2 1/2–3"	380303 A220	69 520,00
	Equipment 1/2–3"	380309 A220	85 550,00
K with condenser motor	Equipment 2 1/2–3"	380304 A220	73 240,00
	Equipment 1/2–3"	380310 A220	89 270,00
D with three-phase current motor	Equipment 2 1/2–3"	380305 A380	75 930,00
	Equipment 1/2–3"	380311 A380	91 960,00

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Drive unit with clamping chuck, centring chuck, tool shelf.
Tool sets 1/4–2" and/or 2 1/2–3", consisting respectively of universal automatic die head with dies for right-handed pipe thread ISO 7-1, EN 10226 (DIN 2999, BSPT), pipe cutter, pipe inside deburrer. Automatic lubrication cooling, extra large oil and chip tray.

U with universal motor	Equipment 2 1/2–3"	380306 A220	81 060,00
	Equipment 1/2–3"	380312 A220	97 090,00
K with condenser motor	Equipment 2 1/2–3"	380307 A220	84 780,00
	Equipment 1/2–3"	380313 A220	100 810,00
D with three-phase current motor	Equipment 2 1/2–3"	380308 A380	87 470,00
	Equipment 1/2–3"	380314 A380	103 510,00

*can only be used with ROLLER'S roller groove device for roller grooves up to DN 200, Ø 8".

Accessories

Subframe		344105 R	3 600,00
Subframe, mobile and folding		344150 A	8 730,00
Subframe, mobile, with shelf		344100 R	6 100,00
Tool set ¼ – 2", complete with universal automatic die head with dies R ½ – ¾", R 1 – 2", pipe cutter, pipe deburrer		340100 AR	16 040,00
Universal automatic die head	1/16 – 2"	341000 AR	9 620,00
	2½ – 3"	381050 A	12 700,00
	2½ – 4"	381000 A	22 450,00
Dies ROLLER'S Robot		See page 13	
ROLLER'S cutting wheel St		See page 164	
Thread cutting materials		See page 19	
Nipple holders		See page 20	
ROLLER'S roll grooving device		See page 22	
ROLLER'S Assistant			
height adjustable material rests		See page 172	