

# ROLLER'S Robot 3



German Top Quality



Subframe (accessory)



Subframe, mobile (accessory)



## Robust, 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.

### 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.

<b>U</b> with universal motor	Equipment 2 1/2–3"	380303 A220
	Equipment 1/2–3"	380309 A220
<b>K</b> with condenser motor	Equipment 2 1/2–3"	380304 A220
	Equipment 1/2–3"	380310 A220
<b>D</b> with three-phase current motor	Equipment 2 1/2–3"	380305 A380
	Equipment 1/2–3"	380311 A380

### ROLLER'S Robot 3

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.

<b>U</b> with universal motor	Equipment 2 1/2–3"	380306 A220
	Equipment 1/2–3"	380312 A220
<b>K</b> with condenser motor	Equipment 2 1/2–3"	380307 A220
	Equipment 1/2–3"	380313 A220
<b>D</b> with three-phase current motor	Equipment 2 1/2–3"	380308 A380
	Equipment 1/2–3"	380314 A380

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

#### Accessories

<b>Subframe</b>	344105 R
<b>Subframe, mobile and folding</b>	344150 A
<b>Subframe, mobile, with shelf</b>	344100 R
<b>Tool set 1/4 – 2"</b> , complete with universal automatic die head with dies R 1/2 – 3/4", R 1 – 2", pipe cutter, pipe deburrer	340100 AR
<b>Universal automatic die head</b>	1/16–2" 341000 AR
	2 1/2–3" 381050 A
	2 1/2–4" 381000 A
<b>Dies ROLLER'S Robot</b>	See page 13
<b>ROLLER'S cutting wheel St</b>	See page 152
<b>Thread cutting materials</b>	See page 19
<b>Nipple holders</b>	See page 20
<b>ROLLER'S roll grooving device</b>	See page 22
<b>ROLLER'S Assistent</b>	
height adjustable material rests	See page 160