



Supply format

REMS Unimat 77 Basic. Semi-automatic threading machine for pipe threads $\frac{1}{4}$ –4". Machine on stand. Pole-reversible 3~ induction motor, 400 V, 50 Hz, 2000/2300 W, right and left-hand rotation. Die head speed 50, 25, 16, 8 rpm. Universal vice with clamping jaws 1 – 4", choice of manual or hydraulic/pneumatic operation. Automatic lubrication. 1 universal automatic die head for all threads, opens and closes automatically. Without threading sets, without closing lever. Electrical locking system of safety cover. Adjustment gauge. Wrench. In transport case.

Description	Version	Art.-No.	
REMS Unimat 77 Basic mS	manual clamping device	770003	
REMS Unimat 77 Basic pS	Oil-hydraulic/pneumatic vice clamping device	770004	

Other voltages on request.

Accessories

Chasers and holders (threading set)

Thread type	Size	Art.-No.	
Pipe threads R tapered, right-hand ISO 7-1 (EN 10226, DIN 2999, BSPT)	R $\frac{1}{4}$ – $\frac{3}{8}$	771110	
	R $\frac{1}{2}$ – $\frac{3}{4}$	771120	
	R 1–2	771130	
	R 2 $\frac{1}{2}$ –4	771140	
Pipe threads G parallel, right-hand ISO 228-1 (DIN 259, BSPP)	G $\frac{1}{4}$ – $\frac{3}{8}$	771160	
	G $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	771170	
	G 1–2 HSS ¹⁾	771180	
	G 2 $\frac{1}{2}$ –4 HSS ¹⁾	771190	
Pipe threads NPT tapered, right-hand Taper Pipe Thread ASME B1.20.1	NPT $\frac{1}{4}$ – $\frac{3}{8}$	771210	
	NPT $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	771220	
	NPT 1–2 HSS ¹⁾	771230	
	NPT 2 $\frac{1}{2}$ –4 HSS ¹⁾	771240	
Pipe threads NPSM parallel, right-hand Straight Pipe Thread ASME B1.20.1	NPSM $\frac{1}{4}$ – $\frac{3}{8}$	771260	
	NPSM $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	771270	
	NPSM 1–2	771280	

Chasers (set)

Thread type	Size	Art.-No.	
Pipe threads R tapered, right-hand ISO 7-1 (EN 10226, DIN 2999, BSPT)	R $\frac{1}{4}$ – $\frac{3}{8}$	751502	
	R $\frac{1}{2}$ – $\frac{3}{4}$	751503	
	R 1–4	771136	
Pipe threads G parallel, right-hand ISO 228-1 (DIN 259, BSPP)	G $\frac{1}{4}$ – $\frac{3}{8}$	751506	
	G $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	751507	
	G 1–4 HSS ¹⁾	771186	
Pipe threads NPT tapered, right-hand Taper Pipe Thread ASME B1.20.1	NPT $\frac{1}{4}$ – $\frac{3}{8}$	751545	
	NPT $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	751546	
	NPT 1–2 HSS ¹⁾	751547	
	NPT 2 $\frac{1}{2}$ –4 HSS ¹⁾	771246	
Pipe threads NPSM parallel, right-hand Straight Pipe Thread ASME B1.20.1	NPSM $\frac{1}{4}$ – $\frac{3}{8}$	751550	
	NPSM $\frac{1}{2}$ – $\frac{3}{4}$ HSS ¹⁾	751551	
	NPSM 1–2	751552	
	NPSM 2 $\frac{1}{2}$ –4	771296	

Dies and chaser dies for other threads and HSS chaser dies for materials above 500 N/mm² (MPa) that are difficult to cut on request. Dies and HSS chaser dies with 50% surcharge on chaser dies. ¹⁾ Some threading sets and chasers only available in HSS. Threading sets and chasers for left-hand threads 50% extra charge.

Description	Art.-No.	
Universal automatic die head, without threading sets, without closing lever	771000	
Closing lever for closing and opening the chasers		
R for taper pipe threads, right-hand	751040	
R-L for taper pipe threads, left-hand	751050	
G for cylindrical pipe threads, right-hand	751060	
G-L for cylindrical pipe threads, left-hand	751070	
Clamping jaws $\frac{1}{4}$–$\frac{3}{4}$" (pack of 2)	773060	

Thread-cutting oil see page 49.

Nipple holder see page 48.

REMS Herkules material supports, see page 102.

