

KOEPPER

Universal Gear Hobbing and Worm Milling Machines. 153-173.

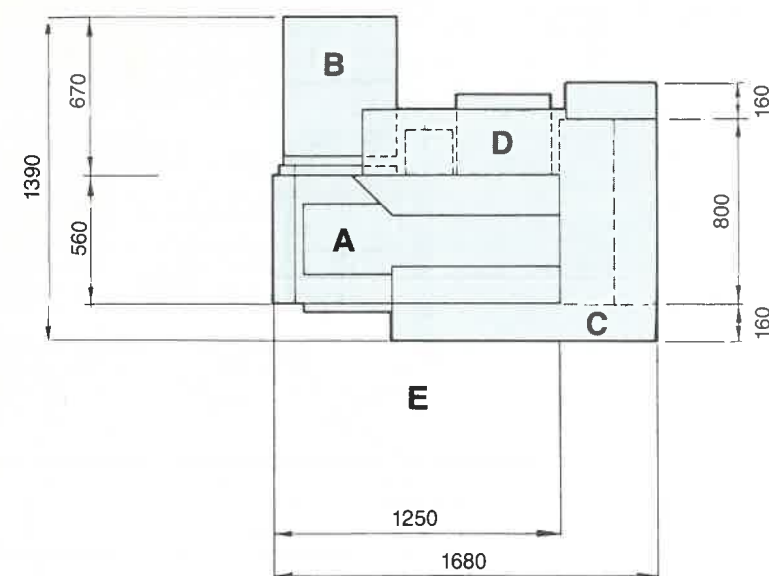
Technical Data

	Type 153		Type 173	
	inch	mm	inch	mm
- Maximum pitch	DP 12	module 2,0	D.P. 10	module 2,5
- Center distance between workspindle and hob	.16-3,4	4-87	.32-3.7	8-94
- Maximum blank diameter				
Manual loading	5.6	142	6.1	156
Automatic loading	3.15 (3.9)	80 (100)	3.15 (3.9)	80 (100)
- Maximum face width	5.9	150	7.0	180
- Max. length of workpiece				
Manual loading	11.8	300	11.8	350
Automatic loading	8.6	220	10.2	260
- Minimum number of teeth	3	3	3	3
- Minimum number of worm starts	1	1	1	1
- Workspindle throughhole	40 mm	40 mm	40 mm	40 mm
- Workspindle adaptor bore dia.	50 mm	50 mm	50 mm	50 mm
- Maximum hob diameter	2.75	70	2,75	70
- Maximum hob width				
Universal hob head	2.5	63	2.5	63
Shifting hob head	2.8	71	4.1	106
- Maximum axial hob shift				
Universal hob head	1.6	40	1.6	40
Shifting hob head	1.75	44	2.75	70
- 35 Longitudinal feeds	in/rev .004-.200	0,1-5,0 mm/rev	in/rev .004-.200	0,1-5,0 mm/rev
- 10 standard hob speeds	rpm 210-1680	rpm 210-1680	rpm 140-900	rpm 140-900
- Net weight approx. (B)	lbs 5100	2400 kg	lbs 6200	2900 kg
- Main motor power consumption	kw 2.2	kw 2,2	kw 3.0	kw 3,0

All technical data given are subject to change without notice.

Space Requirements

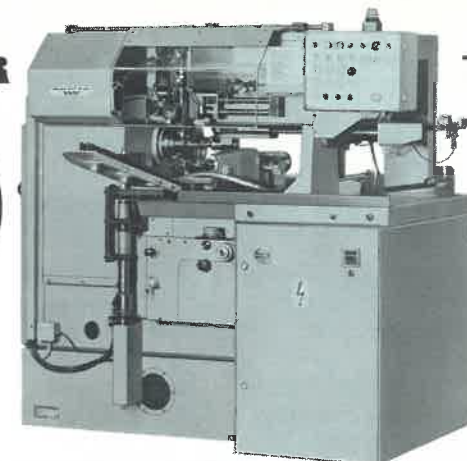
- A Machine type 153 A
- B Hydraulic unit
- C Electrical cabinet
- D Chip container
- E Operator station



KOEPPER



153-173



UNIVERSAL GEAR HOBGING AND WORM MILLING MACHINES

