

PipeMill-8

PipeMill-8 is a high-performance pneumatic tube facing, beveling, and weld removal machine engineered for demanding industrial applications. Designed for speed, durability, and precision, PipeMill-8 delivers reliable weld end preparation on a wide range of pipe materials, including stainless steel and other exotic alloys.

Its robust construction and powerful pneumatic drive ensure consistent cutting performance, while the internal locking system provides fast and secure setup on pipes with inside diameters from 50.8 to 172 mm (2.000" to 6.800"). Equipped with a 250 mm cutting head, PipeMill-8 offers excellent machining accuracy, making it an ideal solution for workshop and on-site operations where efficiency and quality are critical.

STANDARD SET UP



250 MM (9,8")

Cutter head special for the largest machines. Very rigid. Designed to fasten the wide range of cutting inserts.



STANDARD WORKING RANGE				OPTIONAL WORKING RANGE			
APPLICATION RANGE		LOCKING RANGE		APPLICATION RANGE		LOCKING RANGE	
50 – 279 mm		50 – 319 mm		50 – 319 mm		50 – 319 mm	
1,968 – 10,984"		1,968 – 12,559"		1,968 – 12,559"		1,968 – 12,559"	
FEED STROKE		POWER		FREE SPEED		TORQUE	
50 mm	1,968"	1,3 hp		Depends on gear			
AIR USE		BODY WIDTH		BODY HEIGHT		BODY WEIGHT	
70 cfm	2,2 m³/min	5,7"	145 mm	21,5"	550 mm	52,9 Lbs	24 kg

LOCKING RANGES WITH STANDARD JAWS

JAWS: SM-42

RANGE [MM]		RANGE [INCH]		EXTENSIONS		
MIN	MAX	MIN	MAX	A	B	C
50,0	65,0	1,969	2,559			
65,0	80,0	2,559	3,150	ML-42-A-75		
80,0	95,0	3,150	3,740	ML-42-A-150		
95,0	110,0	3,740	4,331	ML-42-A-225		
110,0	125,0	4,331	4,921	ML-42-A-300		
125,0	140,0	4,921	5,512	ML-42-A-375		
140,0	155,0	5,512	6,102			SML-42-C
155,0	170,0	6,102	6,693	ML-42-A-75		SML-42-C
170,0	184,5	6,693	7,264	ML-42-A-150		SML-42-C
184,5	199,0	7,264	7,835	ML-42-A-225		SML-42-C
199,0	214,0	7,835	8,425	ML-42-A-300		SML-42-C
214,0	229,0	8,425	9,016	ML-42-A-375		SML-42-C
229,0	244,5	9,016	9,626		ML-42-B	SML-42-C
244,5	259,5	9,626	10,217	ML-42-A-75	ML-42-B	SML-42-C
259,5	274,0	10,217	10,787	ML-42-A-150	ML-42-B	SML-42-C
274,0	289,0	10,787	11,378	ML-42-A-225	ML-42-B	SML-42-C
289,0	304,0	11,378	11,969	ML-42-A-300	ML-42-B	SML-42-C
304,0	319,0	11,969	12,559	ML-42-A-375	ML-42-B	SML-42-C

AVAILABLE GEARBOX CONFIGURATIONS

This tool comes with one chosen gearbox as a standard. Torque/speed depends on gear configuration:

GEARBOX 15	15 RPM	2544 Nm	1908 Ft.Lbs
GEARBOX 20	20 RPM	1883 Nm	1415 Ft.Lbs
GEARBOX 28	28 RPM	1290 Nm	969 Ft.Lbs
GEARBOX 37	37 RPM	971 Nm	730 Ft.Lbs

EXAMPLE TOOL APPLICATION



PipeMill-8

AVAILABLE HOLDERS

Facing	Inside bevelling and boring	Outside bevelling	J-Prep	Compound bevelling
				
F-45-90 BIT: 2CDI	IB-45-37 IB-45-10 BIT: 2CDI	OB-45-45 OB-45-37 OB-45-30 OB-45-10 BIT: 2CDI	JP-45-45 JP-45-37 JP-45-30 BIT: 2CDJ-5	CB-1037 (OTHERS ON REQUEST) BIT: CB-45

PIPEMILL-8-H – HYDRAULIC VERSION

PipeMill-8-H is the hydraulic version of the PipeMill machine, covering the same pipe size range and using the same cutting head as other PipeMill-8 versions. The hydraulic motor provides high, constant torque for efficient and precise cutting, with performance dependent on oil pressure and flow from an external power unit. PipeMill-8-H is interchangeable with electric and pneumatic drives, allowing conversion in approximately 5 minutes. Its robust yet lightweight design makes it suitable for both field and industrial applications.

Motor constant free speed 375 RPM
 Oil pressure required 160 bar
 Oil flow max 75 l/min
 Motor power 16,2 Hp
 Machine feed stroke 40 mm (1,6")
 Cutter head max free speed 75 RPM
 Max constant torque on cutter blade 2200 Nm (1625 Ft.Lbs)
 Total machine weight 41 kg



OPTIONAL HEAD



290 MM (11,4")
 Biggest head for Mini & HyperMill tools.
 Very rigid. Designed to fasten the wide range of cutting inserts.

PIPEMILL-8-E – ELECTRIC VERSION

PipeMill-8-E is electric version of PipeMill-8. The machine can cover the same pipe sizes and comes with the same cutting head. The electric motor with 4 speed mechanical gear box has also variable speed control and produce enormous torque on the cutter blade. Is interchangeable with pneumatic drive and can be purchased separately at any time. Take 5 min to replace from pneumatic to electric.

DUDE-2000-4-SPEED
 Motor free speed 120-210-380-650 RPM
 Motor power 2000 W
 Motor torque (on the 1st gear) 240 Nm (180 Ft.Lbs)
 Machine feed stroke 40 mm (1,6")
 Cutter head speed 10-17-30-50 rpm
 Max torque on cutter blade (on the 1st gear) 3096 Nm (2290 Ft.Lbs)

