

PanelMill

The PanelMill attaches to the tube outside diameter by means of custom or specific clamp type jaws that provide strong clamping action that minimizes chatter and vibration. Rugged construction allows the tool's cutting blade to end prep quickly. Several cutter heads are available for tubes with up to 2-1/2" O.D. Both the clamp and cutter heads are extremely durable and easy to change. The ratchet feed arm enables the operator to comfortably feed the tool during beveling or facing. The PanelMill is suitable for small bore heavy wall tubes with a high percentage of chrome, stainless steel, and other exotic alloys. Standard and custom made blades are offered in a wide variety of angles and sizes.



		APPLICATION RANGE		FEED STROKE		FREE SPEED		TORQUE						
PANELMILL 63		19 – 63 mm		25 mm		100 Rpm		140 Nm						
		0,750 – 2,500"		1,0"		OPT. 35, 200, 300		105 Ft.Lbs						
Air consumption:	55 CFM	1,3 m ³ /min	Body width:	1,96"	50,0 mm	Body height:	13,1"	300,0 mm	Total length:	14,56"	370,0 mm	Body weight:	22,04 Lbs	10,0 kg

		APPLICATION RANGE		FEED STROKE		FREE SPEED		TORQUE						
PANELMILL 100		50 – 102 mm		25 mm		100 Rpm		140 Nm (Opt. 420 Nm)						
		2,0 – 4,0"		1,0"		OPT. 40		105 Ft.Lbs (Opt. 310 Nm)						
Air consumption:	42,4 CFM	1,2 m ³ /min	Body width:	3,11"	79,0 mm	Body height:	13,77"	350,0 mm	Total length:	15,74"	400,0 mm	Body weight:	39,68 Lbs	18,0 kg

PANELMILL 63E

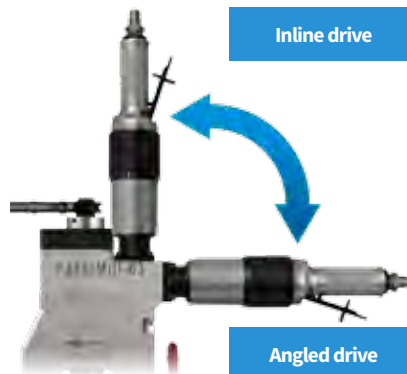
PanelMill 63E is electric version of PanelMill 63. A standard machine cover the same pipe sizes and comes with the same cutting head. The electric motor made by Makita with 3 stage planetary gear box made by KRAIS has variable speed control and produce enormous torque. Is interchangeable with pneumatic drive and can be purchased separately at any time.

Free Speed..... 115 RPM
 Power..... 1,1 Hp
 Torque..... 366 NM (280 Ft.Lbs)
 Feed Stroke..... 20 mm (0,787")

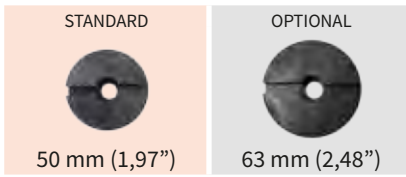


UNIVERSAL DRIVE PLACEMENT

Adjustable drive position is a standard feature of this machine. No additional components are required.



UNIVERSAL CUTTER HEADS



SAV-500 SPEED ADJUSTMENT VALVE



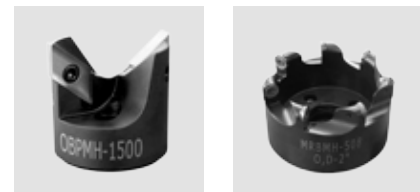
Perfect solution for all our beveling machines for adjusting cutting speed to suit to the machined tube diameter.

JAWS FOR PANELMILL

JAWS NO.	TUBE OD	
	[MM]	[INCH]
300 PM#2	19,05	0,750
301 PM#2	20,00	0,787
304 PM#2	22,20	0,874
308 PM#2	25,40	1,000
309 PM#2	25,00	0,984
312 PM#2	28,80	1,134
313 PM#2	30,00	1,181
314 PM#2	31,70	1,248
318 PM#2	34,90	1,374
322 PM#2	38,10	1,500
326 PM#2	44,40	1,748
330 PM#2	50,80	2,000
331 PM#2	51,00	2,008
334 PM#2	57,10	2,248
338 PM#2	60,30	2,374
342 PM#2	63,50	2,500
346 PM#2	76,20	3,000

Other sizes on request

OPTIONAL SPECIAL CUTTER HEADS



OBPMH
Beveling head for beveling tubes without membranes in a boiler waterwall.
TABLE PAGE F-24

MRBMH
A seal weld removal head over tube circumference prior to re-welding the damaged joint without removing the tube.
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MACHINING IN EVERY POSITION

PanelMill can be rotated through 180 degrees to work in every position. Machine can be used for standard beveling application and for opposite tubes.

