

MiniMill 201

The MiniMill 201 is a rugged, fast, portable weld end preparation lathe for various tubes including stainless steel and other high chromium alloys. A standard machine comes complete with a 60 mm head, a locking system and includes all jaw sets to cover sizes of 20 to 44 mm (0.787" to 1.732")

STANDARD SET UP



SHAFT20

Redesigned heavy duty locking system. Shafts and jaws are longer and wider to ensure maximum clamping force. The jaws are self-align.



60 MM (2,36")

The smallest cutter head, designed to fasten the wide range of cutting inserts.



IMPORTANT!
Read how to properly lock on page 58

STANDARD WORKING RANGE				TOTAL WORKING RANGE			
APPLICATION RANGE		LOCKING RANGE		APPLICATION RANGE		LOCKING RANGE	
20 – 51 mm		20 – 48 mm		10 – 51 mm		10 – 48 mm	
0,787 – 2,008"		0,787 – 1,890"		0,394 – 2,008"		0,394 – 1,890"	
FEED STROKE		POWER		FREE SPEED		TORQUE	
20 mm	0,787"	1,3 hp		200 rpm		72 Nm	53 Ft.lbs
55 cfm	1,3 m ³ /min	2,32"	59 mm	13,1"	335 mm	11,4 Lbs	5,2 kg

EXAMPLE TOOL APPLICATION



Standard locking system with handle feed makes quick work of trimming back tubes.



Completed strength weld removal.



Facing, bevelling tubes quickly and safely.

MiniMill 201

OPTIONAL HEADS



88 MM (3,46")
The popular, medium cutter head, designed to fasten the wide range of cutting inserts.



OBMH
Outside beveling of both tubes and pipes. Sized per tube or pipe diameter and angle of required weld bevel.

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SWROTC
Seal weld removal head over tube circumference prior to re-welding the damaged joint without removing the tube.

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STWRMH
Custom designed head dedicated for strength weld removal. Heads are sized per tube diameter.

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MICROSHAFT
A system with interchangeable guide shafts. A complete set covers 9,0 to 15,0 mm inside diameter.



MINISHAFT
A system with interchangeable guide shafts. A complete set covers 12,4 to 48 mm inside diameter.

OTHER OPTIONAL ACCESSORIES



RATCHET FEED
Feed system allowing to work in narrow and tight locations, eg. in water walls.



LEVER FEED
Quick and easy feed system. Used in many basic applications.



SPEED REDUCER
Easy to use gearbox for 3x speed reduction. Increases the torque, enabling the machine to generate a thick chip whilst reducing the cutting time.



FAST CLAMPING SYSTEM
System offers rapid tube to tube cycle time, increased productivity (up to 4x) with little operator fatigue. Ideal for large amount of end preps.

MINIMILL 201 LOCKING RANGES

WITH SHAFT20

SHAFT	JAWS	EXT.	RANGE [MM]		RANGE [INCH]		SPRING	
			MIN	MAX	MIN	MAX	NO.	QTY.
SHAFT25	NS-0	-	20	24	0,787	0,945	SP-19	1
	NS-1	-	24	28	0,945	1,102	SP-19	1
	NS-2	-	28	33	1,102	1,299	SP-19	1
	NS-3	-	33	38	1,299	1,496	SP-20	2
	NS-4	-	38	43	1,496	1,693	SP-20	2
	NS-5	-	43	48	1,693	1,890	SP-20	2

WITH MINISHAFT

SHAFT	SIZE		JAWS	RANGE [MM]		RANGE [INCH]		SPRING
	[INCH]	[MM]		MIN	MAX	MIN	MAX	
901MM#151	0,492	12,40	201MM#36	12,40	14,50	0,488	0,571	DW-11
905MM#151	0,547	13,90	203 MM#36	13,90	16,00	0,547	0,630	DW-12,5
909MM#151	0,661	16,90	205 MM#36	15,90	18,00	0,626	0,709	DW-15,5
			207 MM#36	16,90	19,00	0,665	0,748	
			209 MM#36	18,90	21,00	0,744	0,827	
			211 MM#36	19,90	22,00	0,783	0,866	
			213 MM#36	20,90	23,00	0,823	0,906	
			214 MM#36	21,90	24,00	0,862	0,944	

WITH MICROSHAFT

SHAFT	SIZE		JAWS	RANGE [MM]		RANGE [INCH]		SPRING
	[INCH]	[MM]		MIN	MAX	MIN	MAX	
800MM#151	0,354	9,00	301MM#36	10,00	11,00	0,394	0,433	DW-7,5
801MM#151	0,394	10,00	303MM#36	11,00	12,00	0,433	0,472	DW-8,5
805MM#151	0,453	11,50	305MM#36	12,00	13,00	0,472	0,512	DW-10
			307MM#36	13,00	14,00	0,512	0,551	
			309MM#36	14,00	15,00	0,551	0,591	