

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")



IMPORTANT!
Read how to
properly lock
on page 58

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.

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 m³/min		2,32"		59 mm	
				13,1"		335 mm	
						11,4 Lbs	
						5,2 kg	

STANDARD MINIMILL 201 LOCKING RANGES

SHAFT	JAWS	EXT.	RANGE [MM]		RANGE [INCH]		SPRING	
			MIN	MAX	MIN	MAX	NO.	QTY.
SHAFT20	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

OPTIONAL JAWS

We deliver machines with selected shaft and set of jaws (below). For more locking options please refer to page 86

OPTIONAL SHAFTS



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.

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OPTIONAL HEADS



88 MM (3,46")

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



OBMH

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

→ TABLE PAGE 116



SWROTC

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

TABLE PAGE 117



STWRMH

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

→ TABLE PAGE 115

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.

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.