

Mantis Saw Blades (Optional extras)

Be sure to use only recommended blades.

	Code no.	Material	No. of teeth (teeth / inch)	No. of blades included	
XB125 XB120A	475302	Alloy	14	10	
	475303		18		
	475312*	HSS (Bimetal)	14		5
	475313		18		
	475314		24		
XB180WS XB180WA	475200	Alloy	8	10	
	475201		10		
	475202		14		
	475203		18		
	475204		24		
	475210	HSS (Bimetal)	10		5
	475211*		14		
	475212		18		
	475213		24		
	475220		Grid saw		
XB270A	475270*	HSS (Bimetal)	14	5	

* Standard accessory



475312



475211



475270



Selecting the Cutting Load and Blade

Use the table below to select the blade and cutting load that are appropriate for the type, diameter, wall thickness etc. of the material to be cut.

Material		Alloy					High-speed steel				Grid saw	
		* 8	10	14	18	24	10	14	18	24		
Steel pipe	8A - 25A			L	L			L	L			
	32A - 80A			M	M			M	M			
	90A - 150A			H	H			H	H			
Stainless steel	Schedule 40	8A - 25A						L	L			
		32A - 80A					M	M				
		90A - 150A					H	H				
	Thin wall stainless steel (SU pipe)	13 - 125Su									LL	
		150Su									L	
Resin pipe (Polyethylene pipe / Vinyl chloride pipe)				LL	LL			LL	LL			
Conduit	Thick steel				M				M			
	Thin steel				L	L			L	L		
Cast iron pipe				H				H				
Mortar-lined cast-iron pipe											H	
Steel	Section steel	≤ 1.9 mm					LL				LL	
		2 - 3.4 mm			L	L			L	L		
		3.5 - 4.9 mm			M	M			M	M		
		5 - 7.9 mm		M	H				M	H		
		≥ 8 mm		H	H				H	H		
	Round bar	≤ 15 mm			M	M			M	M		
		16 - 50 mm			H				H**			
		51 - 80 mm	H	H					H	H***		

LL= ultra-light load L= light load M = medium load H = heavy load * = teeth ** = XB-270A 16-40mm only *** = except XB-270A

Notes: · The figures in the table are examples only. Select the blade and cutting load to match the actual material to be cut.
· When selecting the proper number of teeth on the blade, use the following guideline: thickness of material = 2 teeth.

Main body made of tempered steel, ensuring high durability and long life.

CM Series CUTTER

15A-50A (1/2"-2")

· CM40 and CM50 models make even the narrowest of spaces accessible. These new 4-wheel pipe cutters help you remove or repair pipes with ease.



130500

CM cutter with Bearings!
Light and Easy!



131500

Applicable Pipes: Steel Pipe

Code No.	Model	Cutting Capacity A (in.)
130400	CM 40	15 - 40 (1/2-1 1/2)
130500	CM 50	15 - 50 (1/2-2)
131500	CM 50RB	15 - 50 (1/2-2)
13P700	CM 40 Cutter Wheel	-
13P710	CM 50 Cutter Wheel	-
13P730	CM 50RB Cutter Wheel	-



13P730

C Series CUTTER

6A-100A (1/8"-4")

· C2 and C3 can be made to accept three cutter wheels by replacing roller and cutter wheel.



For C1 / C2
13P105



1301P2



C2 3-Wheel Cutter
1301PA



1301P4

Applicable Pipes: Steel Pipe

Code No.	Model	Cutting Capacity A (in.)
1301P1	C1 Cutter	6 - 32 (1/8-1 1/4)
1301P2	C2 Cutter	6 - 50 (1/8 - 2)
1301PA	C2 3 Wheel Cutter	6 - 50 (1/8 - 2)
1301P3	C3 Cutter	25 - 80 (1 - 3)
1301PB	C3 3 Wheel Cutter	25 - 80 (1 - 3)
1301P4	C4 3 Wheel Cutter	65 - 100 (2 1/2-4)
13P105	C1/C2 Cutter Wheel	-
13P305	C3 Cutter Wheel	-
13P405	C4 Cutter Wheel	-

LINK CUTTER

80A-200A (3"-10")

· An additional 70 mm over pipe circumference in three directions is sufficient to cut laid pipes.
· Easy to change size - just change the number of links.
· Clamp with ratchet wrench and move handle back and forth 60° to 100° to cut.



1302P2



For No. 2
13P605



For No. 10
13P670

Applicable Pipes: No. 2: Cast Iron Pipe No. 10: Steel / Ductile Pipe

Code No.	Model	Cutting Capacity A (in.)
1301P8	No. 2 Link Cutter (Cast Iron Pipe)	75 - 200 (3 - 8)
1302P2	No.10 Link Cutter (Steel/Ductile Pipes)	80 - 250 (3-10)
13P605	No. 2 Link Cutter Wheel	-
13P670	No.10 Link Cutter Wheel	-