

Mechanical Benders for IMC and Rigid Conduit



- Ratchet action for increased leverage.
- Bypass the ratchet for fast, direct bending on smaller sizes.
- Heavy-duty welded construction for long, reliable service.
- Built-in bending degree indicator and easy to use bending charts for accurate, consistent bends.

Cat. No.	UPC No.	Description
1800	24400	Mechanical Bender for 1/2", 3/4", 1" IMC and Rigid conduit
1800G1	24401	Mechanical Bender without undercarriage, for bench or truck bed mounting. Bends 1/2", 3/4", 1" IMC and Rigid conduit
1801	24753	Mechanical Bender for 1-1/4", 1-1/2" IMC and Rigid conduit
1801G1	24507	Mechanical Bender without undercarriage, for bench or truck bed mounting. Bends 1-1/4", 1-1/2" IMC and Rigid conduit
32416	32416	Undercarriage Unit for 1800
32416	32416	Undercarriage Unit for 1801

CENTERLINE BENDING RADII

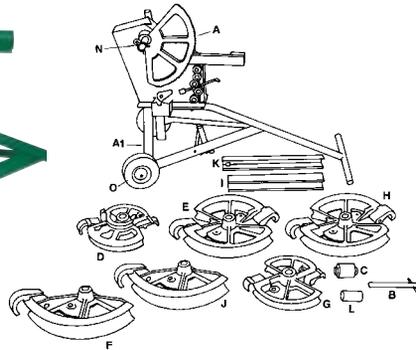
Cat. No.	Conduit Size	Bending Radius (Inches)	Bending Radius (mm)
1800, 1800G1	1/2" Rigid conduit	2-5/8"	(66.7 mm)
	3/4" Rigid conduit	4-5/8"	(117.5 mm)
	1" Rigid conduit	5-7/8"	(149.2 mm)
1801, 1801G1	1-1/4" Rigid conduit	8-1/16"	(204.8 mm)
	1-1/2" Rigid conduit	9-1/16"	(246.1 mm)

Use a 5' (1.5 m) length of 1" Rigid conduit for the handle.

SPECIFICATIONS

Capacity:	1800, 1800G1 - 1/2", 3/4" and 1" IMC and Rigid	1801, 1801G1 - 1-1/4" and 1-1/2" IMC and Rigid
Weight:	1800 - 81 lbs. (36.7 kg)	1801 - 104 lbs. (47.2 kg)
	1800G1 - 48 lbs. (21.8 kg)	1801G1 - 75 lbs. (34 kg)

Mechanical Benders for EMT, IMC, Rigid and Aluminum Conduit



- Bends a wide variety of types and sizes of conduit.
- Durable ratchet mechanism for easy bending.
- Bypass the ratchet for fast, direct bending on smaller sizes.
- Bending degree indicator and charts for fast, easy, accurate bending.
- All shoe and bending accessories can be mounted to the frame unit and secured with a chain and lock.
- Heavy-duty undercarriage with wheels.

Cat. No.	UPC No.	Description
1818	22192	Mechanical Bender for 3/4" thru 2" EMT conduit, 1/2" thru 1-1/4" IMC conduit and 1/2" thru 1-1/2" Rigid and aluminum conduit
1818R	20231	Mechanical Bender for 1/2" thru 1-1/4" IMC conduit and 1/2" thru 1-1/2" Rigid and aluminum conduit
1818T	20232	Mechanical Bender for 3/4" thru 2" EMT conduit
1818G1	22220	Frame and undercarriage unit only

SPECIFICATIONS

Capacity:	EMT - 3/4" - 2"	RIGID: 1/2" - 1-1/2"
	IMC - 1/2" - 1-1/4"	ALUMINUM: 1/2" - 1-1/2"
Weight:	1818 - 250 lbs. (114 kg)	1818T - 217 lbs. (99 kg)
	1818R - 185 lbs. (84 kg)	

Use a 5' (1.5m) length of 1-1/4" Rigid conduit for the handle

CENTERLINE BENDING RADII

Shoe Size	Inches	mm
1/2" Rigid/IMC	2-21/32"	67.5
3/4" Rigid/IMC	4-5/8"	117.5
3/4" EMT	5-3/32"	129.4
1" Rigid/IMC	5-7/8"	149.2
1" EMT	6-13/32"	162.7
1-1/4" Rigid/IMC	7-3/8"	187.3
1-1/4" EMT	8-9/32"	210.3
1-1/2" Rigid	9"	228.6
1-1/2" EMT	8-9/32"	210.3
2" EMT	9-3/16"	233.4
2" Aluminum	10-15/32"	265.9

Key	Cat./UPC No.	Description	BENDERS				SHOE GROUPS *		
			1818/22192	1818R/20231	1818T/20232	1818G1/22220	36905	36906	36907
A	36085	Bender Head Unit	1	1	1	1			
A1	36247	Undercarriage Unit	1	1	1	1			
B	36697	Roller Pin Unit	1	1	1		1	1	
C	18681	Cushioned Roller Unit	1	1	1		1	1	
D	18827	1/2, 3/4 & 1" Rigid/IMC Shoe Unit	1	1			1	1	
E	18828	1-1/4" Rigid/IMC; 1-1/2" Rigid Shoe Unit	1	1			1	1	
G	18830	3/4 & 1" EMT Shoe Unit	1		1		1	1	
H	18831	1-1/4 & 1-1/2" EMT Shoe Unit	1		1		1	1	
I	18642	1-1/4 & 1-1/2" EMT Follow Bar	1		1		1	1	
J	18832	2" EMT Shoe Unit	1		1		1	1	
K	18636	2" EMT Follow Bar	1		1		1	1	
L	36296	Roller Follow Bar Guide	1		1		1	1	
N	18772	Retainer Clip	1	1	1		1	1	
O	51509	Wheel	2	2	2				
F	18829	2" Rigid Aluminum Shoe Unit	OPTIONAL						
	23818	Steel Storage Box For Shoe Units	OPTIONAL						

* SHOE GROUPS Reference chart for ordering bending accessories.

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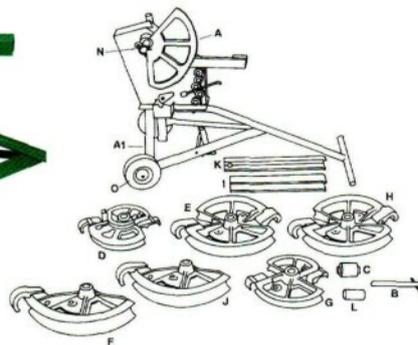
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