

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.

CENTERLINE BENDING RADII

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	9-11/16"	(246.1 mm)

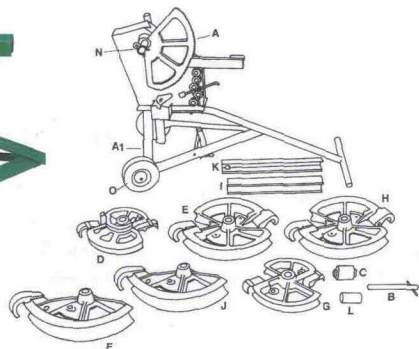
Cat. No.	UPC No.	Description
1800	24400	Mechanical Bender for 1/2", 3/4", 1" IMC and Rigid conduit
1800G1	24401	Mechanical Bender without undercarriage, for bench or truck bed mounting. Bends 1/2", 3/4", 1" IMC and Rigid conduit
1801	24753	Mechanical Bender for 1-1/4", 1-1/2" IMC and Rigid conduit
1801G1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

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

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

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

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	
H	18831	1-1/4 & 1-1/2" EMT Shoe Unit	1		1			1	
I	18642	1-1/4 & 1-1/2" EMT Follow Bar	1		1			1	
J	18832	2" EMT Shoe Unit	1		1			1	
K	18636	2" EMT Follow Bar	1		1			1	
L	36296	Roller Follow Bar Guide	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.