

1-800-GRAINGER (472-4643)

Powered Planishing Hammers

Variable speed tools shape and smooth sheet metal workpieces by striking them with forming dies. They hold material between two dies and repeatedly strike the top die (hammer) against the bottom die, and can accept die sets of various sizes and shapes to form metal to the desired surface profile. They are commonly used to shape, and finish domed workpieces and to remove dents or wrinkles from damaged workpieces.

Air-Powered Planishing Hammers—Operate on compressed air and generally strike faster, contain fewer moving parts, run cooler, and have long life compared to electric models.

Electric Planishing Hammers—Corded units can operate in locations where a compressed air supply is not available.

Sheet Metal Capacity Steel	Sheet Metal Capacity Stainless Steel	Sheet Metal Capacity Aluminum	Throat Depth	Hammer Mode	Anvil Die Type	Hammer Die Type	Brand	Item No.
Air-Powered Planishing Hammers								
50 to 100 psi, Male Air Inlet, 4 cfm Air Consumption								
16 ga	22 ga	16 ga	19 3/8 in	Rigid	Flat, 6 in, 12 in	Flat	Woodward Fab	30NX65
90 psi, 1/4 in NPT Air Inlet, 8.8 cfm Air Consumption								
16 ga	24 ga	14 ga	24 in	—	—	Radius	Jet	18F219
90 to 120 psi, Male Air Inlet, 12 cfm Air Consumption								
16 ga	—	14 ga	24 in	Non-Rigid	Radius	Flat, Radius	Baileigh Industrial	31XV28
Electric Planishing Hammers								
115V AC								
16 ga	20 ga	12 ga	19 in	Rigid	Radius	Flat	Baileigh Industrial	31XV27
230V AC; Single-Phase								
16 ga	20 ga	12 ga	19 in	Rigid; Non Rigid	Radius	Flat	Baileigh Industrial	31XV19
230V AC; Three-Phase								
11 ga	16 ga	2 ga	37 in	Rigid; Non Rigid	Radius	Flat	Baileigh Industrial	45AW34



Air-Powered 18F219

Electric 31XV19



Electric 31XW09

Manual 30NX63

Pipe and Tube Notchers

Create curved or squared profiles on the ends of pipes, tubes, and bars. Their cutting blades or dies shear through workpieces to make clean cuts and are used to cope pipe and tube ends for joining or saddling and forming drains for galvanizing.

Minimum Compatible Pipe Size	Maximum Compatible Pipe Size	Maximum Notch Diameter	Current	Horsepower	Brand	Item No.
Electric Pipe & Tube Notchers						
115V AC; Single-Phase						
1/2 in	3 in	3 in	20 A	1/2 hp	Baileigh Industrial	31XW09
230V AC; Single-Phase						
1/4 in	2 in	2 in	20 A	—	Baileigh Industrial	31XW06
1/4 in	2 in	2 in	9 A	2 hp	Jet	53ZC91
Manual Pipe & Tube Notchers						
—	2 in	2 in	—	—	Baileigh Industrial	31XW08
1/4 in	3 in	3 in	—	—	Woodward Fab	30NX63
3/4 in	1 1/4 in	1 1/4 in	—	—	Heck Industries	30NX60
1 1/2 in	2 in	2 3/8 in	—	—	Heck Industries	30NX61

Electric 45AW40



Manual 45J336



Angle, Bar & Tube Benders

Machines wrap metal angle, bar, and tube stock onto a central die, bending them to a radius matching the die. They accept compatible dies of different sizes to get larger or smaller bends and are used to form frames, railings, vehicle roll cages, and electrical conduit or hydraulic lines.

Compatible Shape	Maximum Bar Thickness	Maximum Bar Width	Maximum Bend Angle	Brand	Item No.
Electric Bar & Tube Benders					
230V AC; Single-Phase, 20 A					
Solid Rod, Solid Round, Solid Square	1 in	1 in	—	Baileigh Industrial	45AW40
Manual Bar & Tube Benders					
Universal	1/4 in	4 in	120°	Dayton	45J336
Universal	5/8 in	2 in	200°	Dayton	45J342

Bench Grinders and Buffers



For Max. Wheel Dia.	For Max. Wheel Thickness	Arbor Size	Wheels Center-Center	Grinding Wheel Grit	HP	Voltage	Amps	Max. RPM	No Load RPM	Dust Collection	Brand	Item No.
General Purpose Grinders, Single-Phase												
6 in	—	1/2 in	20"	36/60	3/4	120V	4.2	3450	3450	—	DeWalt	4PC39
8 in	—	5/8 in	21 3/4"	36/60	3/4	120V	4.2	3600	3600	—	DeWalt	4PC40
8 in	1 in	5/8 in	11 1/2"	60/120	1/2	120V	3.0	1725	1725	—	Dayton	49H004
Heavy-Duty Grinders, Single-Phase												
6 in	5/8 in	1/2 in	14 1/4"	36	1/4	120/240V	3.0/1.5	3450	3450	—	Dayton	2LKR5
6 in	5/8 in	1/2 in	14 1/4"	36/60	1/2	120/240V	3.5/1.75	3450	3450	—	Dayton	2LKR6
7 in	3/4 in	1/2 in	14 1/4"	36/60	1/2	115V	3.0/1.5	3450	3450	—	JET	18F215
7 in	1 in	5/8 in	15 1/2"	36/60	1/2	120/240V	5.0/2.5	3450	3450	—	Dayton	2LKR8
8 in	—	5/8 in	16 1/2"	36/60	1	115V	13.6/6.8	3450	3450	—	Dayton	38UK60
8 in	1 in	5/8 in	14 1/4"	36/60	1	115V	3.5/1.75	3450	3450	—	JET	18F216
8 in	1 in	5/8 in	15 1/2"	36/60	3/4	120/240V	7.0/3.5	3450	3450	—	Dayton	2LKR9
8 in	1 in	5/8 in	18"	36/60	1	115V	11/5.5	3600	—	No	JET	446M31
8 in	1 in	1 1/4 in	18 3/8"	36/60	1	120V	4.8	3570	3570	Yes	Metabo	38D140
10 in	—	1 in	20"	36/120	1 1/2	115V	15.2/7.6	1725	1725	—	Dayton	38UK62
10 in	1 in	1 in	14 7/8"	24/46	1 1/2	115V	3.5	1725	1725	—	JET	18F217
12 in	1 1/2 in	1 1/4 in	20 3/8"	36/60	1	120V	7.5	1780	1780	Yes	Metabo	38D141
12 in	2 in	1 1/4 in	21 3/4"	36/60	2	240V	10	1800	—	—	Dayton	1FYX2 *
Heavy-Duty Grinders, 3-Phase												
8 in	1 in	5/8 in	15 3/8"	36/60	3/4	220/440V	2.2/1.1	3450	3450	—	Dayton	2LKT1
10 in	1 in	1 in	19 1/2"	36/60	1	220/440V	3.3/1.65	1725	1725	—	Dayton	2LKT3
12 in	—	1 1/4 in	21"	36/120	3	220V	8.7	1720	—	—	Dayton	38UK64 *
Heavy-Duty Grinder/Buffers, Single-Phase												
6 in	3/4 in	1/2 in	15"	36	1/2	120/240V	3.5/1.75	3450	3450	—	Dayton	16W005
8 in	1 in	5/8 in	16 3/4"	36	3/4	120/240V	7.0/3.5	3450	3450	—	Dayton	16W006

Accessories	Description	For Use With	Brand	Item No.
	Grinding Wheel Dresser, 1 1/4" Dia. x 8 1/2" L	Grinding Wheel Up to 1 in Width	Dayton	2X951
	Grinding Wheel Dresser, 2 3/8" Dia. x 14 1/2" L	Grinding Wheel Up to 3 in Width	Dayton	62851
	Eye Shield Kit	Most Bench Grinders	Dayton	5PZP2
	Heavy-Duty Stand w/Quench Pot, 31 3/4" H, 10 L x 11 W" Table Size	Most Bench Top Tools	Dayton	4Z154
	Bench Grinder Stand, 31 1/2" H	5 in to 8 in Bench Grinders	Dayton	49H005

* Includes floor stand.

