

### Small-Medium Heavy Duty Right-Angle Sanders / Grinders



**Part No. DW402**  
DW402G is the same as DW402 but with a three-wire cord/plug.

Do not use accessories rated less than 12,000 rpm.

- 6.0 AMP, 10,000 RPM motor provides high power and speed for all 4-1/2" grinding applications
- 120V, AC/DC capacity works off welding machines and generators for increased productivity and versatility
- Metal gear case dissipates heat for longer bearing, gear and motor life
- Convenient paddle switch with lock-on button for easier gripping
- 3-position removable side handle for greater comfort and control
- Includes depressed center wheel, wrench, backing flange, clamp nut and guard

Part No.	Description
DW400	Angle Grinder 4-1/2" 5.0 AMP
DW402	Angle Grinder 4-1/2" 6.0 AMP
DW402G	Angle Grinder 4-1/2" 6.0 AMP
DW818	Angle Grinder 4-1/2" 7.8 AMP
DW824	Angle Grinder 5" 10.0 AC/8.0 DC AMP
DW831	Angle Grinder 5" 12.0 AMP
DW840	Angle Grinder 7" 15.0 AMP

Specifications	DW400	DW402	DW818	DW824	DW831	DW840
Amps (120V AC/DC)	5.0	6.0	7.8	10.0 AC/8.0 DC	12.0	15.0
Max Power Output	650/0.9	820/1.1	995	1,300	1,837	1,800/2.4
No-Load RPM	10,000	10,000	11,000	11,000	10,000	8,000
Max. Dia. Depressed Center	4-1/2"	4-1/2"	4-1/2"	5"	5"	7"
Max Dia. Backing Pad	4-1/2"	4-1/2"				6-3/4"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11



**Part No. DW494/DW493**

### Heavy-Duty Large Right Angle Sanders / Grinders

- DW474: 15.0 AMP 6,000 RPM motor provides high power and speed for all 7" grinding applications
- DW493: 15.0 AMP 5,000 EPM motor provides high power and speed for all 7"/9" sanding applications
- DW494: 15.0 AMP, 6,000 RPM motor provides high power and speed for all 7" sanding applications
- 120V AC/DC capacity works off welding machines and generators for increased productivity and versatility
- External brush caps for easy servicing

Part No.	Description
DW474	Angle Grinder 7" 15.0 AMP
DW493	Angle Sander 7"/9" 15.0 AMP
DW494	Angle Sander 7" Wildcat 15.0 AMP

Specifications	DW474	DW493	DW494
Amps 120V AC/DC	15.0	15.0	15.0
Max. Power Output	2,250/3.0	2,250/3.3	2,250/3.3
No-Load RPM	6,000	5,000	6,000
Max. Dia. Depressed Center	7"	7"/9"	7"
Max Dia. Backing Pad	6-3/4"	8-7/8"	6-3/4"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11



**Part No. DW887**

### Die Grinders

- DW887: 3.0 AMP, 25,000 motor provides high power and speed for all 1-1/2" grinding applications
- DW888: 5.0 AMP, 19,000 RPM motor provides high power and speed for all 2" grinding applications
- 120V AC/DC capacity works off welding machines and generators for increased productivity and versatility
- Precision 1/4" collet for maximum gripping strength

Part No.	Description
DW887	Die Grinder 1-1/2" 3.0 AMP
DW888	Die Grinder 2" 5.0 AMP

Specifications	DW887	DW888
Amps 120V AC	3.0	5.0
Max. Power Output	350/0.5	485/0.6
No-Load RPM	25,000	19,000
Max. Wheel Diameter	1.5"	2.0"

## Power Tools



Part No. DW756

### Bench Grinders

- DW756 powerful 5/8 HP, DW758 3/4 HP, induction motor for heavy-duty grinding operations
- Rugged cast-iron base and motor housing provide durability and prolong life
- DW756 motor runs at 3,450 RPM, DW758 motor runs at 3,600 RPM for high speed material removal
- Precision-machined aluminum tool rests allow the user to accurately position work
- Includes: 36 and 60 grit wheels, eye shields, spark deflectors, tool rests and adjusting wrench

Part No.	Description
DW756	Bench Grinder 6"
DW758	Bench Grinder 8"

Specifications	DW756	DW758
Amps 120V AC	4.0	4.2
Output Hp	5/8	3/4
Frequency	60 Hz	60 Hz
No-Load RPM	3,450	3,600
Wheel Diameter	6.0"	8.0"
Spindle Diameter	.05 (1/2")	0.625 (5/8")

### Straight Grinders

DW880

- 5.0 AMP, 19,000 RPM motor provides high power and speed for all 2-1/2" grinding applications
- 120V AC/DC capacity works off welding machines and generators for increased productivity and versatility
- Rotating adjustable guards for greater flexibility and visibility
- External brush caps for easy servicing
- Includes two wrenches, arbor nuts and washers



Part No. DW880

Part No.	Description
DW880	Straight Grinder 5.0 AMP
DW882	Straight Grinder 13.0

Specifications	DW880	DW882
Amps 120V AC	5.0	13.0
Max. Power Output	485/0.6	2,250/3.0
No-Load RPM	19,000	5,700
Max. Wheel Dia.	2.5"	6.0"
Max. Wheel Thickness	0.5"	1.0"
Blade Length	3/8"-24	5/8"-11

### Chop Saws

- Powerful 4-HP AC/DC motor provides quick speed and long life
- High overload protection protects tool and provides long life
- Quick-release fence for fast angle adjustment-no wrenches required to adjust
- Angle indicator in vise at 15° increments allows fast, accurate angle adjustment
- Quick-lock/release vise speeds work with fast, easy clamping of material
- Lock down pin locks motor down for easy carrying-no more chains
- Raised table-to-motor bracket for large cutting capacity - cuts full bundle of metal studs 6.4" x 4.4"
- Blade spindle lock for easy blade changing
- Rated for heavy-duty applications
- Ball and roller bearings for smooth operation
- 8' rubber cord with 3-prong plug
- Includes 14" cut-off wheel and wrench



Part No. DW871

Part No.	Description
DW871	Chop Saw 14" 4HP

Specifications	DW871
Amps 120V AC/DC	15.0
Max. Power Output	3,050/4.0
No-Load RPM	3,800
Wheel Arbor	1"
Wheel Diameter	14"
Cutting Capacity Pipe:	5"
Cutting Capacity Bar:	4-1/2"

Do not use wheels rated less than 4100 rpm

Do not use toothed blades



Part No. DW290

### Reversible Impact Wrenches

DW290

- 7.5 AMPS; 0-2,100 RPM; 0-2,700 BPM
- AC/DC forward/reverse rocker switch
- Delivers full power; 240 ft. lbs. of torque in forward and reverse

DW299

- 7.5 AMPS, 0-1,700 RPM; 0-1,600 BPM
- AC/DC switch with rotating brush ring for reverse
- 350 ft. lbs. of torque
- 360° side handle for greater control

Part No.	Description
DW290	Impact Wrench 1/2" w/ Detent Pin
DW299	Impact Wrench 3/4"

Specifications	DW290	DW299
Amps 120V AC/DC	7.5	7.5
Nominal Max. Torque	350 ft./lbs	350 ft./lbs
Square Drive	1/2" Detent Pin	3/4" Detent Pin
Impacts/min	1600	1,600
No-Load RPM	1700	1,700



Part No. DW100

### Heavy-Duty Drills

- Ball and roller bearings for long life and smooth operation
- Computer designed motors have superior overload protection
- Impact-resistant housings are engineered for comfort and reliability (Holgun)
- Precision heat-treated gears for quiet operation and long life
- Reliable dust-sealed reversible switches and (CHECKPOINT™) auto shut-off brush system (Holgun)
- High-quality precision chucks for minimum runout and maximum gripping
- Dependable 8' rubber cords

Part No.	Description
DW100/101	Holgun Drill 3/8 VSR
DW106	Holgun Drill 3/8 VSR w/ Jacobs® keyless chuck
DW131	Drill 1/2 Rev Spade Handle
DW132	Drill 1/2 Rev Spade Handle
DW235G	Holgun Drill 1/2" VSR
DW236	Holgun Drill 1/2" VSR w/ Jacobs® keyless chuck
DW245	Holgun Drill 1/2" VSR w/ Jacobs® keyless chuck

Specifications	DW100	DW106	DW131	DW132	DW235G	DW236	DW245	DW246
Amps 120V AC	5.4	5.4	7.0	7.0	7.8	7.8	7.8	7.8
No-Load RPM	0-2,500	0-2,500	450	1,000	0-850	0-850	0-600	0-600
<b>Wood Applications</b>								
Spade Bit	1"	1"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Self Feed Bit	NR	NR	2-9/16"	1-3/4"	2-1/8"	2-1/8"	2-9/16"	2-9/16"
Hole Saw	1-1/8"	1-1/8"	5"	3"	3-1/2"	3-1/2"	4"	4"
Auger Bit	NR	NR	1-1/2"	1-1/2"	1-1/8"	1-1/8"	1-1/2"	1-1/2"
<b>Steel Applications</b>								
Twist Bit	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
Hole Saw	NR	NR	4"	1-1/2"	1-1/2"	1-1/2"	2-3/4"	2-3/4"

## Power Tools and Accessories



Part No. DW154

### Magnetic Drill Presses

This drilling system includes a special arbor assembly designed to be used with annular cutters, which allows faster drilling speeds than conventional systems.

- For use in construction, steel fabrication, ship building and oil field work
- Part No. 1555 drills 7/16"-2" holes, Part No. 1557 drills 5-64"-1/2" holes, rotating brush ring for reverse, and ball and roller bearings
- Cutters made from M4 tool steel, which is much tougher than carbide cutters
- System has no appreciable runout for accuracy
- Arbor system provides auto lubrication and slug ejection
- System drills overlapping holes easily
- Cutters can be resharpened
- Part No. 1557 has tap and ream abilities

Part No.	Description
DW154	Magnetic Cutter Press 2"
DW156	Magnetic Drill Press 3/4"

Specifications	DW154	DW156	DW157
Amps 120V AC Only	10.0	10.0	7.0
No-Load RPM	375	375	450

Includes 5' safety chain

### Backing Pads



Part No. DW4990



Part No. DW4951

Part No.	Description	RPM
DW4990	Backing Pad 7" Rubber	20,000
DW4955	Backing Pad 6-3/4" Koolflex	6,000
DW4942	Backing Pad 4.5" w/ 5/8 - 11 Nut	16,000
DW4950	Backing Pad 5" Phenolic	6,000
DW4951	Backing Pad 7" Phenolic	6,000
DW4952	Backing Pad 9" Phenolic	6,000

### Safety Guards

Provide safe operating conditions when using depressed center wheels

Part No. DW4707



Part No.	Description
DW4705	Wheel Guard 4 & 4-1/2" w/ shoe
DW4707	Wheel Guard 7"
DW4708	Wheel Guard 9"
DW4709	Wheel Guard 9" Type 28
DW4718	Wheel Guard Kit 7"
DW4720	Wheel Guard Kit 9"



Part No. DW8001

### Grinding and Cut Off Wheels

Resin-bonded, fiberglass-reinforced wheels are designed for general-purpose cutting with good results. Use A-24 and A-24/30 for steel, iron and angle iron, A-36 for stainless and high-alloy steels and A-60 where finish is important.

Part No.	Description	RPM
<b>Metal-General Purpose Aluminum Oxide</b>		
DW4419	T27 4 x 1/4 x 5/8 10/min	13,500
DW4999	T27 7 x 1/4 x 5/8-11 10/min	8,500
DW4514	T27 4.5 x 1/4 x 7/8 25/min	12,000
DW4518	T27 4.5 x 1/8 x 7/8 25/min	12,000
<b>Portable Chop Saws- Aluminum Oxide</b>		
DW8002	T1 14 x 3/32 x 1 Bar Cutter	4,100
DW8001	T1 14 x 3/32 x 1 Gen. Pur.	4,100