



# Industrial Quality Drills From Dynabrade

Air-Powered Models in Efficient, Ergonomic Designs



- Drills Offered in a Variety of Speeds and Configurations
- NEW Pistol Grip Models (Pages 2, 5) and Vacuum Models (Pages 9-10)
- All Tools Designed with The Dynabrade Difference!



# .4 hp Drills

## Air-Powered Drills in NEW Pistol Grip Design

### NEW Ergonomic Design for Enhanced Comfort

- NEW .4 hp (298 W) Pistol Grip Drill offered in ergonomic Dynabrade design, with comfortable textured tactile grip.
- Powerful high-torque air motor is ideal for countless industrial applications.
- Finger platform on both sides of tool allows increased stability and comfort.
- Models offered in speeds from 500 RPM to 20,000 RPM.
- All models available with 1/4" Dynachuck or Jacobs® Chuck; plus two models with 3/8" Jacobs® Chuck.



Model 52833

### Pistol Grip Models, 1/4" Chuck

Speed	Dynachuck	Jacobs® Chuck
500 RPM	52831	52931
1,000 RPM	52832	52932
2,400 RPM	52833	52933
3,600 RPM	52834	52934
5,500 RPM	52835	52935
20,000 RPM	52836	52936

### Pistol Grip Models, 3/8" Chuck

Speed	Dynachuck	Jacobs® Chuck
500 RPM	–	52986
1,000 RPM	–	52987



Model 52834



Powerful high-torque air motor.

Offered with Dynachuck or Jacobs® Chuck.

Model 52836

Convenient finger platform on both sides of tool.

Comfortable textured tactile tool grip.

**TECH TIP**

The use of a filter-regulator-lubricator will increase tool performance, extend tool life and lessen repair costs.



Model Number	Motor hp (W)	Motor RPM	Chuck Size	Sound Level	Air Flow Rate SCFM (LPM)	Air Pressure PSIG (Bars)	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52831/52931	.4 (298)	500	1/4"	76 dB(A)	23 (651)	90 (6.2)	3/8"-24 Male	2.4 (1.1)	6.5 (164)	5 (127)
52832/52932	.4 (298)	1,000	1/4"	77 dB(A)	25 (708)	90 (6.2)	3/8"-24 Male	2.4 (1.1)	6.5 (164)	5 (127)
52833/52933	.4 (298)	2,400	1/4"	76 dB(A)	22 (623)	90 (6.2)	3/8"-24 Male	1.8 (.8)	5.9 (149)	5 (127)
52834/52934	.4 (298)	3,600	1/4"	76 dB(A)	23 (651)	90 (6.2)	3/8"-24 Male	1.8 (.8)	5.9 (149)	5 (127)
52835/52935	.4 (298)	5,500	1/4"	78 dB(A)	25 (708)	90 (6.2)	3/8"-24 Male	1.8 (.8)	5.9 (149)	5 (127)
52836/52936	.4 (298)	20,000	1/4"	78 dB(A)	22 (623)	90 (6.2)	3/8"-24 Male	1.8 (.8)	5.9 (149)	5 (127)
52986	.4 (298)	500	3/8"	76 dB(A)	23 (651)	90 (6.2)	3/8"-24 Male	2.6 (1.2)	6.9 (176)	5 (127)
52987	.4 (298)	1,000	3/8"	77 dB(A)	25 (708)	90 (6.2)	3/8"-24 Male	2.6 (1.2)	6.9 (176)	5 (127)

Tune-Up Kit: No. 96067 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .4 hp Drills

## Angle Head & Right Angle Models

Industrial-Quality Drills in a Variety of Configurations

### Angle Head, 1/4"-28 Spindle Thread

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of only 1" (25 mm).

#### Model 53455 950 RPM

- Standard muffler; optional safety-lock lever available.

#### Model 53430 3,200 RPM

- Extended muffler design; optional safety-lock lever available.



Model 53435



Model 53455

1" (25 mm)  
Angle Height

Accessory Sold Separately



Model 53430

1" (25 mm)  
Angle Height

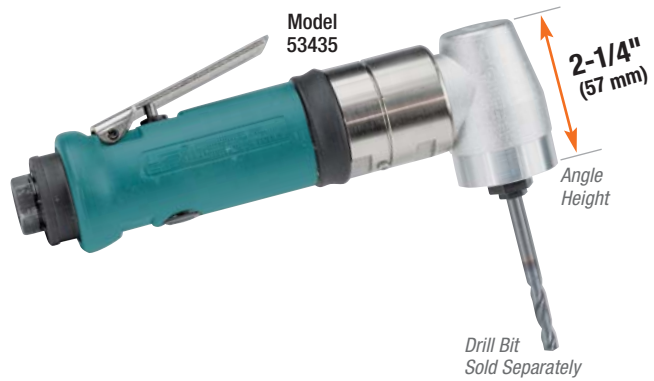
### TECH TIP

Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

### Right Angle, 1/4"-28 Spindle Thread

#### Model 53435 950 RPM

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of 2-1/4" (57 mm).
- Standard muffler; optional safety-lock lever available.



Model 53435

2-1/4" (57 mm)  
Angle Height

Drill Bit Sold Separately

### TECH TIP

Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53430	.4 (298)	3,200	83 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	11-3/8 (289)	1-5/8 (40)
53435	.4 (298)	3,200	80 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	7 (178)	2-1/4 (57)
53455	.4 (298)	950	82 dB(A)	23 (663)	1/4 (6)	1/4" NPT	1/4"-28 Female	2.1 (.9)	11-1/8 (282)	2-3/4 (70)

Tune-Up Kits: 53430 and 53455 - No. 96333; 53435 - No. 96179 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp & .5 hp Drills

Straight Line, 7° Offset & Right Angle Models

Industrial-Quality Drills in a Variety of Configurations

## Straight Line, .4 hp, Rear Exhaust

- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53077** 950 RPM

**Model 53078** 3,200 RPM

**Model 53079** 5,000 RPM



13141  
Handle/Collar Assembly  
Sold Separately



## 7° Offset, .4 hp, Rear Exhaust

- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53072** 950 RPM

**Model 53073** 3,200 RPM

**Model 53074** 5,000 RPM



## Right Angle, .4 hp, Front Exhaust

- Each model includes 1/4" drill chuck and key.

**Model 51846** 12,000 RPM

**Model 51847** 15,000 RPM

**Model 51848** 20,000 RPM

## Right Angle, .4 hp, Rear Exhaust

- Each model includes 1/4" chuck and key.
- Standard muffler design.

**Model 53046** 12,000 RPM

**Model 53047** 15,000 RPM

**Model 53048** 20,000 RPM



## Straight Line, .5 hp, Front Exhaust

**Model 53037** 20,000 RPM

- Includes 1/4" drill chuck and key.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51846	.4 (298)	12,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51847	.4 (298)	15,000	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51848	.4 (298)	20,000	89 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
53037	.5 (373)	20,000	87 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (.7)	7 (178)	1-3/4 (44)
53046	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53047	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53048	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53072	.4 (298)	950	79 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	8 (203)	6-3/4 (171)
53073	.4 (298)	3,200	80 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53074	.4 (298)	5,000	78 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53077	.4 (298)	950	82 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53078	.4 (298)	3,200	81 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53079	.4 (298)	5,000	84 dB(A)	22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)

Tune-Up Kits: 51846-51848, 53046-53048 - No. 96179; 53037 - No. 95600; 53072-53074 - No. 96174; 53077-53079 - No. 96173

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Drills

## Air-Powered Drills in Pistol Grip Design

### Industrial-Quality Drills in a Variety of Configurations

#### Pistol Grip, .7 hp, Rear Exhaust

- Each model includes 3/8" drill chuck and key.
- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip for operator comfort.

**Model 53091** 950 RPM

**Model 53060** 3,400 RPM

**Model 53095** 4,500 RPM

**Model 53096** 20,000 RPM



Model 53096



Model 53096

#### Pistol Grip, .7 hp, Rear Exhaust NEW! Additional Speeds and Chucks!

- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip for operator comfort.

**Model 53092** 500 RPM, 1/2" Keyed Chuck

**Model 53090** 950 RPM, 1/2" Keyed Chuck

**Model 53093** 1,800 RPM, 3/8" Keyless Chuck

**Model 53094** 2,400 RPM, 3/8" Keyless Chuck



Model 53092

**TECH TIP**

Side handle is reversible for left or right hand use, and is also removable.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53060	.7 (522)	3,400	84 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53090	.7 (522)	950	84 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.8 (2.1)	10-1/2 (267)	6-3/8 (163)
53091	.7 (522)	950	82 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.9 (1.8)	10-1/2 (267)	6-3/8 (163)
53092	.7 (522)	500	76 dB(A)	30 (850)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-5/8 (270)	6-3/8 (163)
53093	.7 (522)	1,800	73 dB(A)	28 (793)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.5)	8-7/8 (224)	6-3/8 (163)
53094	.7 (522)	2,400	74 dB(A)	30 (850)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.5)	8-7/8 (224)	6-3/8 (163)
53095	.7 (522)	4,500	85 dB(A)	33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53096	.7 (522)	20,000	88 dB(A)	33 (935)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	7 (180)	6-3/8 (163)

Tune-Up Kits: 53060, 53091, 53095, 53096: No. 96047; 53090, 53092, 53093, 53094: No. 96466 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Drill Speed Recommendation Chart

For Various Materials Using High-Speed Steel (HSS) Drills\*

MATERIAL	SPEED (SFPM)		DRILL SIZES – INCHES (mm)			
	MIN.	MAX.	1/16 (1.5)		1/8 (3)	
			0.063		0.125	
			MIN. RPM	MAX. RPM	MIN. RPM	MAX. RPM
MARBLE	15	25	909	1,515	458	763
SLATE	15	25	909	1,515	458	763
STONE	15	25	909	1,515	458	763
STEEL – ALLOY (300-400 Bhn)	20	30	1,212	1,818	611	916
CAST IRON – HARD (260-320 Bhn)	30	40	1,818	2,425	916	1,222
STEEL – STAINLESS (375-425 Bhn)	30	40	1,818	2,425	916	1,222
MONEL	40	50	2,425	3,031	1,222	1,527
STEEL – AUTOMOTIVE FORGINGS	40	50	2,425	3,031	1,222	1,527
STEEL – TOOL (150-200 Bhn)	50	60	3,031	3,637	1,527	1,833
STEEL – 0.4-0.5%C (125-175 Bhn)	70	80	4,244	4,850	2,139	2,444
CAST IRON – MED HARD (150-190 Bhn)	70	100	4,244	6,063	2,139	3,055
BRONZE – HIGH TENSILE	30	100	1,818	6,063	916	3,055
MALLEABLE IRON	80	90	4,850	5,456	2,444	2,750
MILD MACHINERY – 0.2-0.3%C (120-150 Bhn)	80	110	4,850	6,669	2,444	3,361
BAKELITE AND SIMILAR MATERIAL	100	150	6,063	9,094	3,055	4,583
CAST IRON – SOFT (110-140 Bhn)	100	150	6,063	9,094	3,055	4,583
PLASTIC – SOFT	100	150	6,063	9,094	3,055	4,583
BRASS AND BRONZE	200	300	12,126	18,189	6,111	9,167
ALUMINUM & ALUMINUM ALLOYS (CAST, NON-HEAT TREATED)	200	300	12,126	18,189	6,111	9,167
MAGNESIUM AND ALLOYS	250	400	15,157	24,252	7,639	12,223
FIBERGLASS	300	400	18,189	24,252	9,167	12,223
WOOD	300	400	18,189	24,252	9,167	12,223
<b>RPM RANGES</b>						
<b>LOW</b>	0	301	601	901	1,201	1,801
<b>HIGH</b>	300	600	900	1,200	1,800	2,400

\*Chart is based on High-Speed Steel (HSS) drills and drill bits. For other drill materials and coatings, follow drill bit manufacturer's recommendations.

# Drill Speed Recommendation Chart (Cont'd.)

For Various Materials Using High-Speed Steel (HSS) Drills\*

DRILL SIZES – INCHES (mm)									
3/16 (5)		1/4 (6)		5/16 (8)		3/8 (10)		1/2 (13)	
0.188		0.250		0.313		0.375		0.500	
MIN. RPM	MAX. RPM	MIN. RPM	MAX. RPM	MIN. RPM	MAX. RPM	MIN. RPM	MAX. RPM	MIN. RPM	MAX. RPM
304	507	229	381	183	305	152	254	114	190
304	507	229	381	183	305	152	254	114	190
304	507	229	381	183	305	152	254	114	190
406	609	305	458	244	366	203	305	152	229
609	812	458	611	366	488	305	407	229	305
609	812	458	611	366	488	305	407	229	305
812	1,015	611	763	488	610	407	509	305	381
812	1,015	611	763	488	610	407	509	305	381
1,015	1,219	763	916	610	732	509	611	381	458
1,422	1,625	1,069	1,222	854	976	713	814	534	611
1,422	2,031	1,069	1,527	854	1,220	713	1,018	534	763
609	2,031	458	1,527	366	1,220	305	1,018	229	763
1,625	1,828	1,222	1,375	976	1,098	814	916	611	687
1,625	2,234	1,222	1,680	976	1,342	814	1,120	611	840
2,031	3,047	1,527	2,291	1,220	1,830	1,018	1,527	763	1,145
2,031	3,047	1,527	2,291	1,220	1,830	1,018	1,527	763	1,145
2,031	3,047	1,527	2,291	1,220	1,830	1,018	1,527	763	1,145
4,063	6,095	3,055	4,583	2,440	3,661	2,037	3,055	1,527	2,291
4,063	6,095	3,055	4,583	2,440	3,661	2,037	3,055	1,527	2,291
5,079	8,127	3,819	6,111	3,050	4,881	2,546	4,074	1,909	3,055
6,095	8,127	4,583	6,111	3,661	4,881	3,055	4,074	2,291	3,055
6,095	8,127	4,583	6,111	3,661	4,881	3,055	4,074	2,291	3,055
RPM RANGES									
2,401	3,001	3,601	4,201	5,001	6,001	7,001	8,001	9,001	10,001
3,000	3,600	4,200	5,000	6,000	7,000	8,000	9,000	10,000	25,000

\*Chart is based on High-Speed Steel (HSS) drills and drill bits. For other drill materials and coatings, follow drill bit manufacturer's recommendations.

# .7 hp & 1 hp Drills

## 7° Offset & Right Angle Models

Industrial-Quality Drills in a Variety of Configurations

### 7° Offset, .7 hp, Rear Exhaust

- Each model includes 1/2" drill chuck and key.
- Also includes removable side handle and safety-lock lever.

**Model 53080** 3,400 RPM

**Model 53081** 4,500 RPM



Model 53081

### Hole Saw Model Right Angle, 1 hp, Rear Exhaust

**Model 53143** 850 RPM

- Includes 1/2" drill chuck and key.
- High torque, governor-controlled air motor.
- Ideal for running optional diamond hole saws, to efficiently punch out holes in dashboard templates, and to create other openings.
- Side handle is reversible for left or right hand use.
- Safety-lock lever is included.



Model 53143

Accessory Sold Separately

**TECH TIP**

For best tool performance, use optional 95676 Coupler/Plug Assembly.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53080	.7 (522)	3,400	82 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53081	.7 (522)	4,500	82 dB(A)	46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53143	1 (744)	850	83 dB(A)	35 (991)	3/8 (10)	3/8" NPT	1/4"-20 Male	5.5 (2.5)	13-1/8 (333)	5-1/8 (130)

**Tune-Up Kits:** 53080, 53081 - No. 96234; 53143 - No. 96532 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .4 hp Vacuum Drills

For Connection to Central Vacuum System

## Unique Vacuum Shroud Captures Contaminants

- NEW .4 hp (298 W) Vacuum Drills include collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- Pistol Grip design includes slow-speed startup trigger.
- High torque air motor; comfortable insulated tool grip.
- Conductive hoses and cuffs shield operator from electrostatic discharge (ESD).
- Each model includes 1/4" Dynachuck and key.



Model 52906

Collapsible Vacuum Shroud compresses around drill bit!

## Pistol Grip Models

**Model 52903** 500 RPM

**Model 52904** 1,000 RPM

**Model 52905** 2,400 RPM

**Model 52906** 3,600 RPM

**Model 52907** 5,500 RPM

Includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD).

1-1/4" Dia. Vacuum Port

Model 52906

Each model includes Dynachuck and key.



## Angle Head Model

### Model 53135

- Accepts 1/4"-28 Threaded Drill Bits, sold separately.
- Low-profile head allows access to restricted or hard-to-reach applications.
- Extended "neck" provides additional reach.
- Collapsible shroud surrounds drill bit for efficient capture of particulate.
- For connection to central vacuum system.



Model 53135

6' (2 m) Vacuum Hose with 1" diameter port.

Collapsible Vacuum Shroud compresses around drill bit!

Model Number	Motor hp (W)	Motor RPM	Chuck Size	Sound Level	Maximum Air Flow SCFM (LPM)	Air Pressure PSIG (Bars)	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52903	.4 (298)	500	1/4"	76 dB(A)	23 (651)	90 (6.2)	3/8"-24 Male	3.7 (1.7)	10-1/2 (268)	11-3/4 (300)
52904	.4 (298)	1,000	1/4"	80 dB(A)	25 (708)	90 (6.2)	3/8"-24 Male	3.7 (1.7)	10-1/2 (268)	11-3/4 (300)
52905	.4 (298)	2,400	1/4"	77 dB(A)	22 (623)	90 (6.2)	3/8"-24 Male	3.1 (1.4)	10-1/2 (268)	11-3/4 (300)
52906	.4 (298)	3,600	1/4"	80 dB(A)	23 (651)	90 (6.2)	3/8"-24 Male	3.1 (1.4)	10-1/2 (268)	11-3/4 (300)
52907	.4 (298)	5,500	1/4"	81 dB(A)	25 (708)	90 (6.2)	3/8"-24 Male	3.1 (1.4)	10-1/2 (268)	11-3/4 (300)
53135	.4 (298)	3,200	1/4" NPT	77 dB(A)	21 (595)	90 (6.2)	1/4"-28 Female	2.0 (.9)	11-3/4 (276)	3-1/2 (90)

Tune-Up Kit: No. 96067 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Vacuum Drills

For Connection to Central Vacuum System

## Unique Vacuum Shroud Captures Debris

- NEW .7 hp (522 W) Vacuum Drills include collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- Pistol Grip design includes slow-speed startup trigger.
- High torque air motor; comfortable insulated tool grip.
- Conductive hoses and cuffs shield operator from electrostatic discharge (ESD).
- Each model includes drill chuck and key.

## Pistol Grip Models

### Model 53105

950 RPM, 3/8" Drill Chuck

### Model 53106

950 RPM, 1/2" Drill Chuck

### Model 53103

3,400 RPM, 3/8" Drill Chuck

### Model 53104

4,500 RPM, 3/8" Drill Chuck



Collapsible Vacuum Shroud compresses around drill bit!



**TECH TIP** .7 hp Vacuum Drill can be modified for left or right-hand use.

Model Number	Motor hp (W)	Motor RPM	Air Inlet Thread	Sound Level	Maximum Air Flow SCFM (LPM)	Spindle Thread	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53103	.7 (522)	3,400	1/4" NPT	83 dB(A)	40 (1130)	1/2"-20 Male	3/8" (10 mm)	4 (1.8)	10-3/8 (264)	5-7/8 (149)
53104	.7 (522)	4,500	1/4" NPT	82 dB(A)	40 (1130)	1/2"-20 Male	3/8" (10 mm)	4 (1.8)	10-3/8 (264)	5-7/8 (149)
53105	.7 (522)	950	1/4" NPT	82 dB(A)	40 (1130)	1/2"-20 Male	3/8" (10 mm)	4.4 (2.0)	12-1/4 (310)	5-7/8 (149)
53106	.7 (522)	950	1/4" NPT	84 dB(A)	40 (1130)	1/2"-20 Male	3/8" (10 mm)	4.4 (2.0)	12-1/4 (310)	5-7/8 (149)

Tune-Up Kit: No. 96047 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Portable Vacuum Systems

*Ideal for Use with Dynabrade Vacuum Tools*

*For Use on Non-Ferrous Materials Only*

## Electric Portable Vacuum System

### Models 61300-61311

**Connect and Operate Two Tools Simultaneously**

- Choose from 9.9 (36 liters) or 17 gallon (64 liters) models. Dry vacuum only.
- Two-tool setup: two pneumatic outlets and two vacuum hose ports.
- Heavy duty stainless steel drum. Drum can be removed for special applications or locations. HEPA filtration (0.3 micron) with felt insert and paper bag.
- Variable vacuum control; Electronic thermal protection device prevents heat overload of motor.
- Disposable paper bag fits inside steel drum for convenient collection/disposal of debris. One disposable paper bag included with vacuum purchase. (Reorder part number 64682 for 9.9 gal. [36 L] vacuum; part number 80076 for 17 gal. [64 L] vacuum.)
- Max flow internal pneumatic workings. Two lightweight coaxial hoses, 1-1/4" (32 mm) dia. x 20' (6 m) long. Auto on/off switch, 26' (8 m) electrical cord. Features Dynabrade's Composite-Style Couplers and Vacuum Hose Swivel Adapter.



Model Number	Capacity Gallon (Liters)	Voltage / Frequency	Watts	Plug (Region)	Air Pressure PSIG (Bar)	Water Static Lift Inch/cm/mbar	Sound Level	Shipping Weight lbs. (kg)	Height Inch (mm)	Width Inch (mm)
61300	9.9 (36)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61301	17 (64)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61302	9.9 (36)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61303	17 (64)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61304	9.9 (36)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61305	17 (64)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61306	9.9 (36)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61307	17 (64)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61308	9.9 (36)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61309	17 (64)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61310	9.9 (36)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61311	17 (64)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)

# Industrial Portable Vacuum

*Industrial-Quality Vacuum Ideal for Dry or Wet Use*

### Model 61500

- Portable, powerful Industrial Vacuum designed specifically for use with pneumatic tools.
- Includes HEPA Filter Assembly, certified 99.97% efficient at 0.3 microns.
- Includes conductive Y-hose adapter, dual hoses and dual air lines, allowing use of two tools simultaneously.
- Three-position switch for manual operation, or automatic operation with start-up of tool.
- 10-second "power down" delay allows debris to be cleared from hose after tool deactivation.
- Large 10-gallon paper filter collection bag.
- Sturdy 20-gallon stainless steel tank.
- Motor wattage of 1,400 watts. Input power of 12 amps, 115 V, 50/60 Hz AC.



**Vacuum Designed Specifically for use with Pneumatic Tools!**





# DynaJet In-Line Blow Guns

## Clean Off Work Surfaces Without Disconnecting

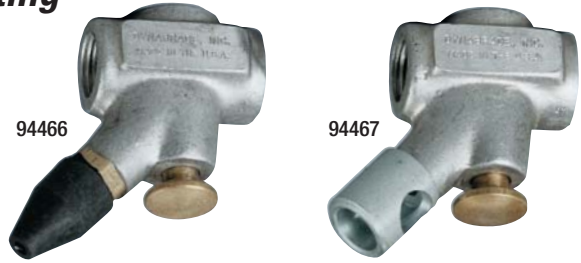
- Only connect once... permanently mounts between coupler and air hose to purge air line of water and contaminants before starting up air tools.
- Durable aluminum construction, weighs only 2 oz. (0.06 kg).

### Part No. 94466 Standard Design

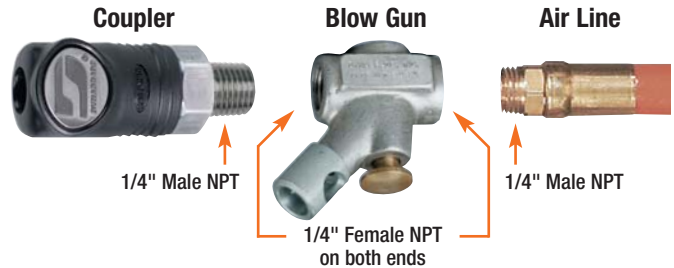
- Provides no restriction of air line pressure.

### Part No. 94467 Safety Tip Design

- Reduces line pressure down to 30 PSIG (2 Bar).
- Meets O.S.H.A. requirements of special relief hole in nozzle which limits pressure to 30 PSIG (2 Bar) when dead ended and used on an air line of 150 PSIG (10.3 Bar) or less.



### Proper Installation for DynaJet Blow Gun Connection



Part Number	Thread Size	Weight kg (lb.)	Recommended Air Flow Range SCFM (LPM)
94466	1/4" Female NPT	0.06 kg	up to 35 SCFM (991 LPM)
94467	1/4" Female NPT	0.06 kg	up to 991 LPM

10.3 Bar (150 PSIG) maximum on all models

# Dynaswivel® Air Line Connector

## Never Fight an Air Hose Again!

- The Dynaswivel® is a patented "universal-joint" that connects portable air tools to an air line.
- Swivels 360° AT TWO PIVOT POINTS, allowing the air hose to drop directly to the floor while providing superb tool handling.
- Improves tool maneuverability and air flow, minimizes operator fatigue and extends hose life.
- Many other configurations available.

**94300**  
Composite,  
1/4" NPT



**95461**  
Aluminum,  
3/8" NPT



Visit our Website for more Tools and Related Accessories  
[www.dynabrade.com](http://www.dynabrade.com)

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