

# DOTCO® SAWS

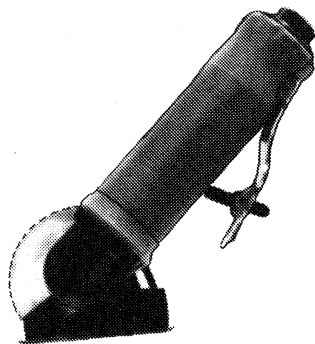
Model Number w/Lock-Off Lever	Speed RPM	Capacity Saw Blade	Weight		Length	
			lbs.	kgs	in.	mm
<b>Front Exhaust</b>						
12S1207-02	20,000	2"	1.3	.59	7.1	180
12S1206-02	12,000	2"	1.3	.59	7.1	180
<b>Vacuum System (Shop Vac)</b>						
12L1274-03	20,000	2"	2.3	1.04	7.1	180
<b>Rear Exhaust</b>						
12S1283-02	20,000	2"	1.3	.59	7.1	180
12S1282-02	12,000	2"	1.3	.59	7.1	180
12S1289-02	3,600	2"	1.6	.73	8.9	226
12S1288-02	2,400	2"	1.6	.73	8.9	226
12S1287-02	1,500	2"	1.6	.73	8.9	226

**STANDARD EQUIPMENT:**

Wrenches, Grease Gun, and Gear Lube

**OPTIONAL EQUIPMENT:**

Extra Cost: Air Supply Hoses (Front exhaust models), Overhose assemblies (rear exhaust models), filter-regulator-lubricator 45-0240B, saw blades (see accessories page)



## Ergonomic Series 12-12

Nominal .3 HP – Front & Rear Exhaust  
Capacity: 2" Saw Blades

Air Inlet: Front Exhaust: 1/4" N.P.T.F. – Use 1/4" (6.4 mm) I.D. Hose  
Rear Exhaust: 1/8" N.P.T.F. – Use 1/4" (6.4 mm) I.D. Hose  
Arbor Size: 1/4"  
Specifications @ 90 psi (620 kPa) maximum air pressure.

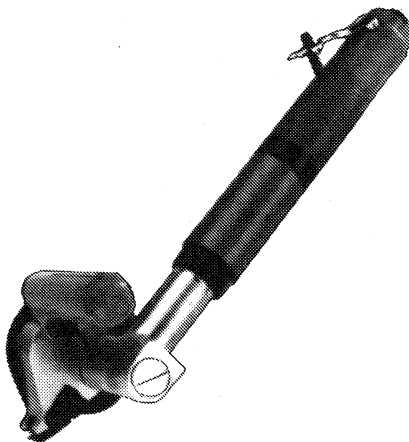
Model Number w/Lock-Off Lever	Speed RPM	Capacity Saw Blade	Weight		Length	
			lbs.	kgs	in.	mm
12S2794-01	4,700	2-1/2"	4.6	2.09	13.2	335
12S2793-01	3,200	2-1/2"	4.6	2.09	13.2	335
12S2792-01	940	2-1/2"	5.6	2.54	15.0	381
12S2791-01	640	2-1/2"	5.6	2.54	15.0	381
12S2790-01	430	2-1/2"	5.6	2.54	15.0	381
12S2794-02	4,700	4"	5.2	2.36	14.5	368
12S2793-02	3,200	4"	5.2	2.36	1.45	368
12S2792-02	940	4"	6.2	3.03	16.2	411
12S2791-02	640	4"	6.2	3.03	16.2	411
12S2790-02	430	4"	6.2	3.03	16.2	411

**STANDARD EQUIPMENT:**

Wrenches and speed regulator

**OPTIONAL EQUIPMENT:**

Extra Cost: Overhose assemblies, filter-regulator-lubricator 45-0240B, saw blades (see accessories page). Order adapters 14-2596 and 14-2597 to adapt to 3/4" arbor hole saw blades.



## Ergonomic Series 12-27

Nominal .9 HP – Rear Exhaust  
Capacity: 2-1/2" or 4" Saw Blades

Air Inlet: 1/4" N.P.T.F. – Use 5/16" (7.9 mm) I.D. Hose  
Arbor Size: 7/16"  
Specifications @ 90 psi (620 kPa) maximum air pressure.

Model Number w/Lock-Off Lever	Speed RPM	Capacity Saw Blade	Weight		Length	
			lbs.	kgs	in.	mm
<b>Front Exhaust</b>						
12S2749-01	11,000	4"	4.8	2.18	11.4	290
12S2748-01	9,000	4"	4.8	2.18	11.4	290
12S2747-01	6,000	4"	4.8	2.18	11.4	290
<b>Vacuum Saws – Porta-Bag Models</b>						
12S2775-01	8,500	4"	7.2	3.27	14.1	358
12S2774-01	7,000	4'	7.2	3.27	14.1	358
12S2773-01	5,000	4'	7.2	3.27	14.1	358
<b>Vacuum Saws – Floor Bag Models</b>						
12S2775-02	8,500	4"	6.5*	2.95*	14.1	358
12S2774-02	7,000	4'	6.5*	2.95*	14.1	358
12S2773-02	5,000	4'	6.5*	2.95*	14.1	358
<b>Vacuum System Adapter Models</b>						
12S2775-03	8,500	4"	6.5*	2.95*	14.1	358
12S2774-03	7,000	4'	6.5*	2.95*	14.1	358
12S2773-03	5,000	4'	6.5*	2.95*	14.1	358

\* Vacuum saw only – without bags, hoses, or adapters

**VACUUM SAW** – Internal Exhaust for Powered Vacuum Pick-Up

**STANDARD EQUIPMENT:**

3/4" arbor adapters, – spacer (14-2575) and bushing (14-2573), screw (14-2571), wrenches, grease gun, gear lube, speed regulator, and adjustable depth control.

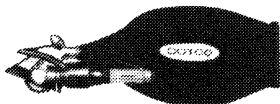
**OPTIONAL EQUIPMENT:**

No Extra Cost: The following arbor adapters may be substituted on request: 1/2" arbor hole – 2 spacers (14-2575); 5/8" arbor hole – bushing (14-2574); 7/8" arbor hole – bushing (14-2576); 1" arbor hole – bushing (14-2572)

Extra Cost: Air Supply Hoses, filter-regulator-lubricator 45-0340B, and saw blades (see accessories page)

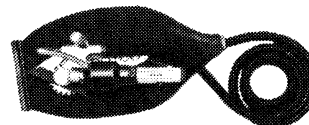
**FLOOR BAG:**

**Option 2** – Vacuum bag attached to saw through light and highly flexible exhaust line. Use where saw mounted bag is impractical. No outside vacuum source is necessary.



**PORTA-BAG:**

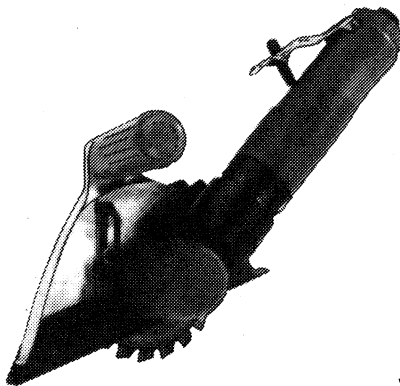
**Option 1** – Lightweight vacuum bag attached directly to saw guard exhaust port. Completely portable. No additional vacuum lines or outside vacuum source necessary.



## Ergonomic Series 12-27

Nominal .9 HP – Front Exhaust & Vacuum Saws  
Capacity: 4" Saw Blades

Air Inlet: 1/4" N.P.T.F. – Use 5/16" (7.9 mm) I.D. Hose  
Arbor Size: 3/4" standard, others available  
Specifications @ 90 psi (620 kPa) maximum air pressure.



**CONVERSION KITS:**

For Existing Dotco Saws: To convert existing Dotco Front Exhaust series 12-27 saws to Venturi Vacuum operation, order any of the conversion kits listed below, using the section titled "Vacuum Saw Models" as a guideline to selection.

To Convert Front Exhaust To This Configuration	Order Part No.
Option 1 – Porta-Bag	2704
Option 2 – Floor Bag	2705
Option 3 – Vacuum System Adapter	2729

NOTE: When converting to vacuum, free speed will be reduced by 20%.

**VACUUM SYSTEM ADAPTER:**

**Option 3** – Saw has special adapter for use with 1-1/2" I.D. hose from existing in-plant system or large industrial vacuum cleaners. Adapter can be turned to smaller diameter.

