Dynafile® III

Air-Powered Abrasive Belt Tool

ABRASIVE CAPACITY
ABRASIVE BELTS
1/4", 1/2", 3/4", 1" wide x 18" long (6 mm, 13 mm, 19 mm, 25 mm x 457 mm)

Excellent for Grinding Welds, Blending and Deburring

Model 15300 *For 18" Long Belts*

- Dynafile® III Abrasive Belt Tool offers all the versatility of our world-famous Dynafile® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Tool includes high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Includes 15350 Contact Arm for 1" wide x 18" long belts (see page 20).
- Tool grinding head pivots 360°.
- Soft grip handle assembly allows operator to apply additional force to contact wheel. Handle also offers enhanced control and maneuverability.
- Optional safety-lock throttle lever is available.

Model 15300

Below: Strap sanding with optional 15375 Arm

Several Dynafile® III Contact Arms serve a dual purpose. These Arms are REVERSIBLE to allow for platen sanding OR strap polishing. (See page 20.)

Dynafile® II Contact Arms may also be used with Dynafile® III. (See page 14.)

Utilized for blending scratch patterns and grinding right angle welds.

15350 Contact Arm with serrated wheel allows aggressive removal.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15300	.7 (522)	20,000	87 dB(A)	1/4 - 1 (6 - 25) W x 18 (457) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)
Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

15302 Versatility Kit

- Includes 15300 Dynafile® III with 15321, 15350 and 15357 Contact Arms (see page 20), plus assortment of abrasive belts, spare 15336 Drive Wheel, wrenches and hex keys, all in durable carrying case.

Dynaswivel® air line connector is ideal for use with most air tools. The Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 163.)

Model 15302

Dynafile® III

Air-Powered Abrasive Belt Tool

ABRASIVE CAPACITY
ABRASIVE BELTS
1/4", 1/2", 3/4", 1" wide x 18" long (6 mm, 13 mm, 19 mm, 25 mm x 457 mm)

Lightweight Models With Popular Contact Arms

- Dynafile® III Abrasive Belt Tool offers all the versatility of our world-famous Dynafile® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Responding to the needs of the marketplace, Dynabrade now offers additional Dynafile® III models. These tools are equipped with our most popular Contact Arms, ideal for a variety of applications.
- Models do not include side handle, reducing tool weight and allowing greater maneuverability. (53163 side handle is still available as an option.)
- Models include high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Tool grinding head pivots 180°.

Model 15400

Model 15400 *For 18" Long Belts*

- Includes 11206 Contact Arm for belts 5/8" or 3/4" wide x 18" long (see page 20).

Model 15401 *For 20-1/2" Long Belts*

- Includes 11287 Contact Arm for belts 5/8" or 3/4" wide x 20-1/2" long (see page 20).

15400 Dynafile® III allows finishing and deburring in restricted areas.

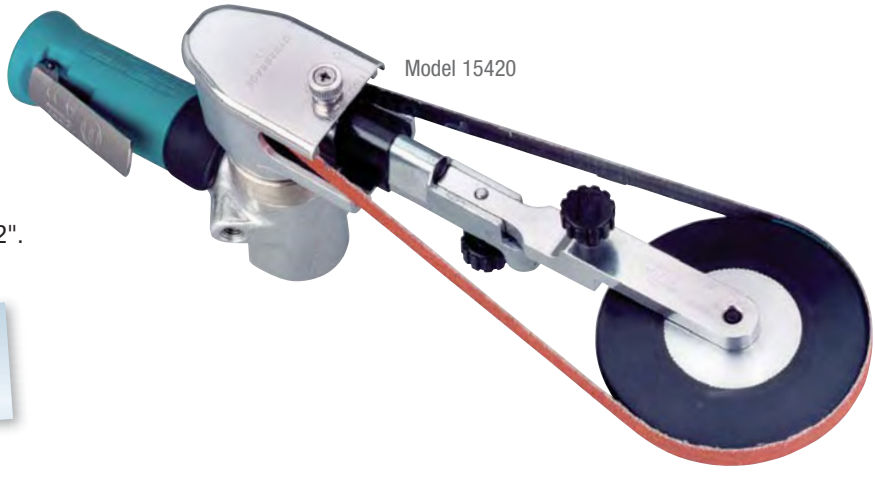
15420 tool (below) includes unique 11702 Contact Arm with hand guide.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15400	.7 (522)	20,000	87 dB(A)	5/8 (16) or 3/4 (19) W x 18 (457) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
15401	.7 (522)	20,000	87 dB(A)	5/8 (16) or 3/4 (19) W x 20-1/2 (521) L	32 (906)	4,550 (1,382)	2.5 (1.1)	15-1/2 (394)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)
Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

Model 15420 *For 24" Long Belts*

- Includes 11702 Contact Arm with unique 4" diameter wheel (see page 20), for grinding or blending right angle welds and fillit welds. Contact Arm includes hand guide for additional control. Saves time and reduces costs!
- Grinds corner welds with no undercutting.
- Tool accepts belts 24" long, in widths of 1/4"or 1/2".


Model 15420

Arrows located on Dynafile® belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
15420	.7 (522)	20,000	87 dB(A)	1/4 (6) or 1/2 (13) W x 24 (610) L	32 (906)	4,550 (1,382)	2.5 (1.1)	14 (356)	4-7/8 (124)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)
Tune-Up Kit: No. 96233 (page 192) • Recommended Air Line Accessory: 95676 Coupler/Plug Assembly (page 161)

Dynafile® III Contact Arms

4" to 6-3/4" Workable Reach

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11200	• Work on broad areas • Leave in-line scratch • Blend stainless	1/2" x 18"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11203	• Standard on Models 40335 and 40590 • Grind over contact wheel or platen • Order 11312 for heavy-duty, or 11325 for steel platen version	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11204	• Unique offset design • Strap polishing is easy with this arm	1/8", 1/4" or 1/2" x 18"	11080 1" dia. x 3/8" wide, radiused rubber	None
11206	• Standard on Models 40320 and 40330 • Order 11326 for heavy-duty steel construction version	5/8" or 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11286	• 11024 Steel Platen available • 6-3/4" workable reach	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11287	• Standard on Model 40326 • Grind on wheel or platen • 5-1/4" reach	5/8" or 3/4" x 20-1/2"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11320 Offset Arm	• For flat grinding using platen at or near corners and edges of large radius round • Contact wheel is offset to prevent gouging bus bars	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
11702	• Perfectly designed to reach up to 2" in a channel • Great for use with scalloped edge abrasives, blending weld seams	1/2" or 1" x 30"	11638 70 durometer 4" dia. x 1/2" wide, radiused rubber	None

Dynafile® III Contact Arms

4" to 6-3/4" Workable Reach

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
15321	• For flat grinding using platen pad	1" x 18"	15320 3/4" dia. x 7/8" wide, rubber	15323 1" wide
15326	• Allows for longer reach • Grind using platen pad	1" x 24"	15320 3/4" dia. x 7/8" wide, rubber	15323 1" wide
15350	• Reversible arm - arm can be flipped to allow for platen sanding or strap polishing • Standard with tool	1" x 18"	15349 90 durometer 2" dia. x 1" wide, rubber	15323 1" wide
15351	• Reversible arm - arm can be flipped to allow for platen sanding or strap polishing	1" x 18"	15348 70 durometer 2" dia. x 1" wide, rubber	15323 1" wide
15356	• Reversible arm - arm can be flipped to allow for platen sanding or strap polishing	1" x 18"	15346 40 durometer 2" dia. x 5/8" wide, rubber	15323 1" wide
15357	• Reversible arm - arm can be flipped to allow for platen sanding or strap polishing • “V” shape wheel	1" x 18"	15347 2" dia. x 1" wide, rubber	15323 1" wide
15368	• Allows for longer reach • Grind using wheel surface	1" x 30"	15359 70 durometer 1" dia. x 1" wide, serrated rubber	None
15375	• Great for strap polishing	1" x 24"	15348 70 durometer 2" dia. x 1" wide, rubber	None