Continued Leadership In Portable Abrasive Power Tool Technology
"THE ORIGINAL" DYNAFILE®
The Best Tracking Abrasive Belt Tool in the World!
Grind • Deburr • Blend • Polish

MODEL 14000
• New belt housing has larger opening for belt tracking and operation.
  No more grinding away the housing!
• New composite belt guard for easy quick-changing of abrasive belts.
• Adjustable speed to 5,800 surface feet per minute (SFM) (1,762 SMPM).
• Includes 11218 Contact Arm (contact arm substitutions can be made).
• Replaces tedious hand filing and sanding.
• Motor adjusts easily for the most comfortable throttle lever position.
• Lightweight, thermal-insulated composite motor housing reduces vibration and cold air transmission to operator.
• Superior belt tracking and patented design permits use of 1/8" (3 mm), 1/4" (6 mm) or 1/2" (13 mm) wide x 24" (610 mm) long abrasive belts; fast abrasive belt change!
• Grind off contact wheel or platen pad. Finish and polish using slack of belt.
• Hard and soft Dynapad® PSA platen pads mount on contact arms for heavy grinding or contour polishing.
• Work on metal, plastic, fiberglass, composites, rubber, glass and stone.
• Work in areas as small as 3/8" (10 mm) diameter.
• The Dynafeil® accepts over 30 interchangeable contact arms! (See pages 3-5.)

14010 VERSATILITY KIT
• 14000 Dynafie® with five contact arms and abrasive belts in a durable case.
• These contact arms included in Kit: 11213, 11216, 11218, 11219 and 11231.
• This kit has a designated U.S. Government National Stock Number: 5130011263260.

Additional Specifications:
Model | Motor HP (W) | Motor RPM | Sound Level | Abrasive Belt Size | Maximum Air Flow CFM/SCFM (LPM) | Max. SFPM (SMPM) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm)
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
14000 | .5 (373) | 20,000 | 84 dB(A) | 1/8-1/2 (3-13) W x 24 (610) L | 42/9 (821) | 5800 (1762) | 3.0 (1.4) | 15.0 (381) | 4.0 (102)

Recommended Air Line Accessory: For Best Performance use 95676 Coupler/Plug Assembly

Scotch-Brite is a registered trademark of 3M Company.
DYNAFILE® STANDARD CONTACT ARMS

Standard Contact Arms Allow for a 4" (102 mm) Workable Reach

11212

- 45 PSIG (3.1 Bars) maximum.
- File round openings as small as 7/16" (11 mm).

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11066 Contact Wheel: 5/16" (8 mm) dia. x 1/8" (3 mm) wide, steel.
11034 Platen: 1/4" (6 mm) wide.

11213

- 45 PSIG (3.1 Bars) maximum.
- See 11239 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11066 Contact Wheel: 5/16" (8 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

11214

- 45 PSIG (3.1 Bars) maximum.
- Work on contact wheel or Dynapad®.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11060 Contact Wheel: 7/16" (11 mm) dia. x 3/8" (10 mm) wide, steel.
11025 Platen: 1/2" (13 mm) wide.

11215

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11072 Contact Wheel: 7/16" (11 mm) dia. x 1/8" (3 mm) wide, brass.
11034 Platen: 1/4" (6 mm) wide.

11216

- Enter 5/16" (8 mm) x 3/4" (19 mm) openings.

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11074 Contact Wheel: 5/8" (16 mm) dia. x 1/8" (3 mm) wide, rubber.
11032 Platen: 1/4" (6 mm) wide.

11217

- Enter channels as narrow as 9/16" (15 mm).

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11076 Contact Wheel: 7/16" (11 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

11218

- Standard arm on Model 14000.
- See 11228 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11025 Platen: 1/2" (13 mm) wide.

11219

- No platen due to offset design.
- Grind radiuses, strap polish.
- Offset for slack polishing.

Belt Size: 1/4" (6 mm), 5/16" (8 mm) or 1/2" (13 mm) wide x 24" (610 mm) long.
11076 Contact Wheel: 1" (25 mm) dia. x 3/8" (10 mm) wide, radiused rubber.
No Platen.

11228

- Heavy-duty steel.
- Optional 11028 Steel Platen available for grinding.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11025 Platen: 1/2" (13 mm) wide.

11231

- See 11243 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11084 Contact Wheel: 3/4" (19 mm) dia. x 1/2" (13 mm) wide, rubber.
11026 Platen: 1/2" (13 mm) wide.

11232

“V” Shape Wheel

- For 1/8" (3 mm) wide belts.
- No platen due to offset design.
- Grind corners, strap polish.

Belt Size: 1/8" (3 mm) or 1/4" (6 mm) wide x 24" (610 mm) long.
11086 Contact Wheel: 1" (25 mm) dia. x 3/8" (10 mm) wide, tapered urethane.
No Platen.

To maximize the life of smaller bearings, lower the operating air pressure to 45 PSI (3.1 Bars) and run the motor at a lower RPM.
DYNAFILE® STANDARD CONTACT ARMS (CONT’D)

11239

- Heavy-duty steel.
- Grind in narrow areas.
- 45 PSIG (3.1 Bars) maximum.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11068 Contact Wheel: 5/16" (8 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

11262 “Offset Arm”

- For flat grinding using platen at or near corners and edges of large radius round.
- Contact wheel is offset to prevent gouging.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11026 Platen: 1/2" (13 mm) wide.

11243

- Heavy-duty.
- Grind over contact wheel or Dynapad®.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11084 Contact Wheel: 3/4" (19 mm) dia. x 1/2" (13 mm) wide, rubber.
11135 Platen: 1/2" (13 mm) wide.

DYNAFILE® SPECIALIZED CONTACT ARMS

Designed to Solve Tough Production Problems!

11237 and 11238 Turbine Blade Arms

- Grind, blend and polish turbine blades.
- Reach areas as small as 5/16" (8 mm) wide.
- 1-1/2" (38 mm) strap polish area.
- 45 PSIG (3.1 Bars) maximum.

11237 ARM
Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11066 Contact Wheel: 5/16" (8 mm) dia. x 1/8" (3 mm) wide, steel.

11238 ARM
Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
Contact Wheel: 1/4" (6 mm) dia. x 3/8" (10 mm) wide, steel.
(Consists of three 11051 Bearings).

11234 Double-Burrer Arm

- Deburs both edges of workpiece simultaneously.
- Contact wheels adjust for material 1/8" (3 mm) to 5/8" (16 mm) thick.

Belt Size: 1/2" (13 mm) wide x 34" (864 mm) long.
11080 Contact Wheels: 1" (25 mm) diameter x 3/8" (10 mm) wide, rubber.
DYNAFILE® SPECIALIZED CONTACT ARMS
Designed to Solve Tough Production Problems!

11255 Cross Bow Arm
- I.D. polish, deburr or ream with one 180°
  wrist turn.
- Deburr leading radius of 1” (25 mm)
  to 4” (102 mm) round openings.
- Great for pipe fitters.
  Belt Size: 1/2" (13 mm) wide x
  34" (864 mm) long.

11258 Stroke Sander Arm
- 45 PSIG (3.1 Bars) maximum.
- Blend stainless steel.
  Belt Size:
  1/2” (13 mm) wide x 24” (610 mm) long.
11078 Contact Wheel:
  5/8” (16 mm) diameter x
  3/8” (10 mm) wide, rubber.
Platen:
  1/2” (13 mm) wide x 7/8” (22 mm) long.

11297 Guide-Cut Arm
- Guide wheels prevent undercutting.
- Removes raised material within .020” (.5 mm) or less.
- Use 60 to 80 grit abrasive belts with this arm.
  Belt Size:
  1/2” (13 mm) wide x 24” (610 mm) long, 60 to 80 grit.
11090 Contact Wheel:
  5/8” (16 mm) diameter x 3/8” (10 mm) wide rubber.

PLATEN PADS
Provides Abrasive Belt Support for all Dynafile® Abrasive Belt Machines

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Size</th>
<th>Material</th>
<th>Pkg Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>11024</td>
<td>1/2” (13 mm) W x 3” (76 mm) L</td>
<td>Steel</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>(bolts on) (11286 Arm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11025</td>
<td>1/2” (13 mm) W x 7” (178 mm) L x 1/8” (3 mm) Thick</td>
<td>Soft/Sponge</td>
<td>5</td>
</tr>
<tr>
<td>11026</td>
<td>1/2” (13 mm) W x 7” L x 1/8” (3 mm) Thick</td>
<td>Hard/Cork</td>
<td>5</td>
</tr>
<tr>
<td>11027</td>
<td>1/2” (13 mm) W x 7” L x 1/32” (.8 mm) Thick</td>
<td>Thin</td>
<td>5</td>
</tr>
<tr>
<td>11028</td>
<td>1/2” (13 mm) W x 3” (76 mm) L (bolts on)</td>
<td>Steel</td>
<td>1</td>
</tr>
<tr>
<td>11032</td>
<td>1/4” (6 mm) W x 7” L x 1/8” (3 mm) Thick</td>
<td>Soft/Sponge</td>
<td>5</td>
</tr>
<tr>
<td>11034</td>
<td>1/4” (6 mm) W x 7” L x 1/32” (.8 mm) Thick</td>
<td>Thin</td>
<td>5</td>
</tr>
</tbody>
</table>

NOTE: Platen Pads are PSA mounted and easily trimmed to size.
EXCEPTIONS: 11024 and 11028 Steel Platens bolt on.

SOFT
For deburring and polishing contoured pieces.
- Top facing.
- Sponge base.
- Pressure sensitive adhesive.

THIN
For use with contact arms having small dia. contact wheels
such as 11212 Dynafile Arm.
- Top facing.
- Pressure sensitive adhesive.

HARD
For heavy deburring and polishing.
- Top facing.
- Cork base.
- Pressure sensitive adhesive.

STEEL
For flat grinding and heavy stock removal.
- Bolt to contact arm.
CHANGING DYNAFILE® ABRASIVE BELTS

With your thumb, pull and slide guard open in a clockwise direction.

Form a loop in belt keeping the belt splice between fingers as shown in photo above. Slip lower loop of belt under the drive wheel.

Depress idler arm lever and pull belt toward the contact wheel.

Slip belt over contact wheel. Release idler arm lever.

Completely close the guard. Operate on the contact wheel or on the return side of the belt.

Fast Abrasive Belt Change!

NEW DYNACUT BELTS
A Superior Product! Remove Triple the Metal... at Least Three Times Faster!

These abrasive belts cut faster and last longer than most coated abrasive products when grinding steel or stainless steel with Dynabrade small belt tools. The belts are very sharp and are excellent for use on most metals including aluminum and titanium when lubricated properly (use Dynuba 100 spray lubricant; part number 60000).

Dynacut Coated Abrasive Belts
24" (610 mm) Long

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>40 Grit</th>
<th>60 Grit</th>
<th>80 Grit</th>
<th>120 Grit</th>
<th>180 Grit</th>
<th>220 Grit</th>
<th>320 Grit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot; (3 mm)</td>
<td>–</td>
<td>–</td>
<td>90456</td>
<td>90457</td>
<td>90410</td>
<td>90411</td>
<td>90412</td>
</tr>
<tr>
<td>1/4&quot; (3 mm)</td>
<td>92155</td>
<td>92156</td>
<td>92157</td>
<td>92158</td>
<td>90423</td>
<td>90424</td>
<td>90425</td>
</tr>
<tr>
<td>1/2&quot; (10 mm)</td>
<td>92160</td>
<td>92161</td>
<td>92162</td>
<td>92163</td>
<td>90449</td>
<td>90451</td>
<td>90463</td>
</tr>
<tr>
<td>1&quot; (25 mm)</td>
<td>92165</td>
<td>92166</td>
<td>92167</td>
<td>92168</td>
<td>90486</td>
<td>90487</td>
<td>90488</td>
</tr>
</tbody>
</table>

Cloth Polishing Belts
24" (610 mm) Long

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; (13 mm)</td>
<td>90010</td>
</tr>
</tbody>
</table>

3M Scotch-Brite® Non-Woven Nylon Belts
Abrasive Impregnated
24" (610 mm) Long

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Type T Polishing</th>
<th>Super Fine (320-600)</th>
<th>Very Fine (220-320)</th>
<th>Medium (150-180)</th>
<th>Coarse (80-150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; (6 mm)</td>
<td>–</td>
<td>90397</td>
<td>90403</td>
<td>90433</td>
<td>90460</td>
</tr>
<tr>
<td>1/2&quot; (13 mm)</td>
<td>90054</td>
<td>90398</td>
<td>90400</td>
<td>90434</td>
<td>90461</td>
</tr>
<tr>
<td>1&quot; (25 mm)</td>
<td>–</td>
<td>90399</td>
<td>90402</td>
<td>90416</td>
<td>90462</td>
</tr>
</tbody>
</table>

DYNUBA®
Cleaning and Polishing Products for Abrasive and Polishing Belts

Dynuba® 171
For brilliant cut and color on stainless and aluminum.

MODEL 60035 – 3 lb. (1.4 kg) Tube

- Polishing compound for cloth belts and rag wheels.
- Apply to moving cloth belts or rag wheel.
- Easily cleaned.
**Dynaswivel® Air Line Connector**

Never Fight an Air Hose Again!

For use with most air tools... grinders, sanders, glue guns, staple guns, drills, buffers, etc.

**MODEL 94300**

Composite Dynaswivel®

- The Dynaswivel is a patented “universal-joint” that connects portable air tools to an air line. (Patent No. D-295,552; D-295,553; D-317,818.)
- **SWIVELS 360° AT TWO PIVOT POINTS** allowing the air hose to drop directly to the floor while providing superb tool handling.
- The Dynaswivel improves tool maneuverability, minimizes operator fatigue and extends hose life.
- New lightweight, non-marring composite construction; industrial quality. Improved air flow.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Thread Size</th>
<th>Weight</th>
<th>Air Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>94300</td>
<td>1/4” NPT (6 mm)</td>
<td>2.15 oz (.06)</td>
<td>up to 33 SCFM (935)</td>
</tr>
</tbody>
</table>

**IMPORTANT:** 150 PSIG (10.3 Bars) maximum on all models.

**NOTE:** Do not exceed recommended torque value of 20' lbs. (28-30 newton meters).

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**Dynajet® In-Line Blow Gun**

Clean Off Work Surfaces Without Disconnecting!

**MODEL 94467**

Safety Tip Dynajet® In-line Blow Gun

- Small, lightweight ergonomic design. Durable, aluminum construction, weighs only 2 oz (.06 kg).
- Purges air lines of water and/or contaminants before starting up air tools. Clean off workpieces and/or work stations after grinding and sanding.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Thread Size</th>
<th>Weight</th>
<th>Recommended Air Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>94467</td>
<td>1/4” Female NPT</td>
<td>2 (.06)</td>
<td>up to 35 SCFM</td>
</tr>
</tbody>
</table>

150 PSIG (10.3 Bars) maximum on all models.

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**Composite-Style Assemblies**

Provides Maximum Air Flow to Tools

**Features**

- Available in 1/4" female and male NPT styles.
- Assembly includes one Composite-Style Coupler and one plug.
- Maximum working pressure: 150 PSIG (10 Bar).
- Temperature Range: -4°F to 212°F (-20°C to 100°C).

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Coupler Thread Size</th>
<th>Plug Thread Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>94990</td>
<td>1/4” Female NPT</td>
<td>1/4” Male NPT</td>
</tr>
<tr>
<td>94991</td>
<td>1/4” Female NPT</td>
<td>1/4” Female NPT</td>
</tr>
<tr>
<td>94992</td>
<td>1/4” Male NPT</td>
<td>1/4” Male NPT</td>
</tr>
<tr>
<td>94993</td>
<td>1/4” Male NPT</td>
<td>1/4” Female NPT</td>
</tr>
</tbody>
</table>

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**Motor Tune-Up Kit/Tool Compatibility**

Includes Assorted Parts to Maintain your Motor in Tip-Top Shape

**MODEL 95600**

- Includes both high wear and medium wear motor parts.
Filter-Regulator-Lubricator
Cost Effective Solutions For Air Supply Systems

- Provides accurate air pressure regulation, two stage filtration of water/contaminants and lubrication of pneumatic components.
- Complete FRL Models include two 11412 Modular Connectors.
- Filter contains a 20 micron primary filter element.
- Regulator features safety-lock knob for maintaining accurate air pressure regulation.
- Lubricator features adjustable oil drop to meter the amount of oil into the air system.

**MODEL 11405**
40 SCFM (1,133 LPM) @ 100 PSIG (6.9 Bars)
- 3/8" NPT female ports.

**MODEL 11411**
Up to 55 SCFM (1,558 LPM) @ 100 PSIG (6.9 Bars)
- 1/2" NPT female ports.

**IMPORTANT**
- Filter-Regulator-Lubricators (FRL) are necessary for greater performance and increased life of air tools. We recommend one drop of Dynabrade Air Lube per minute for each 10 SCFM (283 LPM) of air flow (example: drop rate at 4 drops per minute if tool is rated at 40 SCFM - 1,133 LPM). Always mount FRL units as close to the tool as possible. Always mount lubricator higher than the tool or at least the same height. Use one lubricator per tool.
- Dynabrade tools must be used with FRL units to maintain all warranties. For installation and maintenance instructions refer to Dynabrade’s Filter-Regulator-Lubricator Manual (PD00.72).

**Dynamount Bench Mount**
Mounts Portable Air Tools Securely

**MODEL 80020**
Universal Bench Mount
- Accepts air tools with motor diameters up to 1-3/4" (44 mm) diameter, such as Dynafile®.
- Frees operator’s hands...allows total control of the workpiece. Tool clamp swivels 180° for set-up versatility.
- Heavy-duty, rugged construction. Easily mounts to workbench. Stands 9-3/4" (248 mm) tall in the upright position. Mounted tool can be rotated within clamp for desired positioning.

**MODEL 80015**
Foot Pedal and Hose Assembly
- Connects to bench-mounted air tool; provides on/off foot control of air tool operation. Includes 11291 Foot Pedal and 11292 8’ Hose Assembly (3/8” [10 mm] I.D. x 11/16” [17 mm] O.D.) with two 1/4” NPT male fittings.

For Other Dynabrade Tools and Related Accessories, Visit www.dynabrade.com