

# Dynabrade Product Spotlight

## Dynabrade Trim Routers

**.4 hp, .7 hp and 1 hp Models Available**  
**Complete Models and Replacement Motors**



*NEW Trim Routers offer Dynabrade power and performance, with ergonomic features to maximize comfort and efficiency! Available as complete models and replacement motors, these tools are essential to industries such as aerospace, composites, plastics, marine, fiberglass, woodworking and more!*

### .4 hp (298 W) Trim Routers

- Ideal for countless trim routing applications, using templates and template guides on surfaces such as carbon fiber, composites, laminates and more!
- .4 hp air motor is **governor-controlled** to maintain consistent speed under load.
- "Soft touch" composite tool housing is ergonomically designed for operator comfort.
- Each model includes 1/4" collet, for accepting optional 1/4" router bits.
- Safety-lock throttle lever prevents accidental tool startup, for enhanced workplace safety.

#### Model 51854 – Complete Trim Router

**30,000 RPM, Rear Exhaust**

- Tool includes router nose assembly and 51861 template guide (with 1-1/2" dia. base). Nose assembly and template guide are nickel-plated for added durability.
- Allows quick adjustment of trim housing depth. Two wrenches included.



51861 Template Guide

1-1/2"

1/2"

1/2"-20 Thread

#### 51814 – Trim Router Replacement Motor

**30,000 RPM, Rear Exhaust**

- Easy motor replacement for most popular .4 hp Trim Router tools!
- Motor includes adapter (1-1/8"-18 male thread) for use with existing inventories of router nose assemblies.



Model 51814

1-1/8"-18  
Male Thread

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Collet	Air Inlet Thread	Hose I.D. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51854	.4 (298)	30,000	77 dB(A)	23 (651)	1/4"	1/4" NPT	1/4 (6)	1.3 (.6)	7.4 (194)	1.7 (44)
51814	.4 (298)	30,000	77 dB(A)	23 (651)	1/4"	1/4" NPT	1/4 (6)	.75 (.34)	6.4 (163)	1.7 (44)

**Tune-Up Kit: No. 96541** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**See Inside for .7 hp and NEW 1 hp Models!**



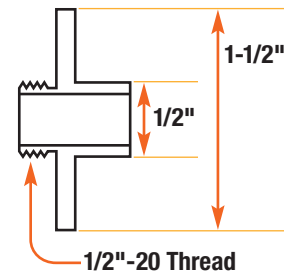
# Dynabrade Product Spotlight

## .7 hp (522 W) Trim Routers

- Ideal for countless trim routing applications, using templates and template guides on surfaces such as carbon fiber, composites, laminates and more!
- Each model includes 1/4" collet, for accepting optional 1/4" router bits.
- Safety-lock throttle lever prevents accidental tool startup, for enhanced workplace safety.



51861 Template Guide



### Model 51857 – Complete Trim Router

**20,000 RPM, Rear Exhaust**

- Tool includes router nose assembly and 51861 template guide (with 1-1/2" dia. base). Nose assembly and template guide are nickel-plated for added durability.
- Allows quick adjustment of trim housing depth. Two wrenches included.



Model 51857

### 51817 – Trim Router Replacement Motor

**20,000 RPM, Rear Exhaust**

- Easy motor replacement for most popular .7 hp Trim Router tools!
- Motor includes adapter (1-3/8"-18 male thread) for use with existing inventories of router nose assemblies.



Model 51817

1-3/8"-18 Male Thread

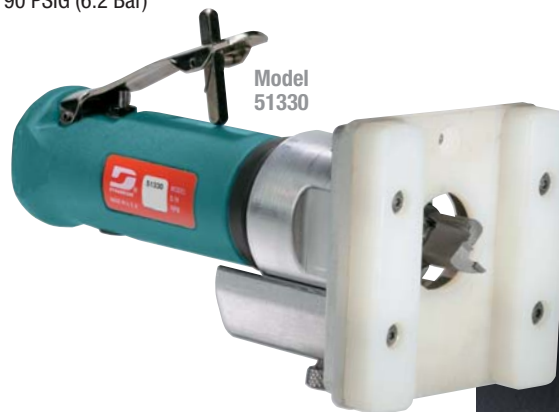
Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Collet	Air Inlet Thread	Hose I.D. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51857	.7 (522)	20,000	78 dB(A)	38 (1,076)	1/4"	1/4" NPT	3/8 (10)	2.2 (1)	8.4 (212)	2 (51)
51817	.7 (522)	20,000	78 dB(A)	38 (1,076)	1/4"	1/4" NPT	3/8 (10)	1.7 (.77)	7.2 (182)	2 (51)

**Tune-Up Kit: No. 96529** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 51330 – Complete Trim Router

**20,000 RPM, Front Exhaust**

- Ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces or plastics. Great for laminate trimming, surface planing, beveling and cornering.
- Tool accepts optional high-speed steel router bits with 1/4" diameter shank capacity. Also accepts optional 1/8" collet insert, for mounting 1/8" diameter router bits.
- Lightweight, non-marring composite fixed base allows for 90° cuts. Base offers easy height adjustment.
- Safety-lock throttle lever is included.
- Front exhaust directs chips away from cutter.
- Spindle lock allows one-wrench cutter changing.
- Includes guide rails, ideal for use on glue seams.

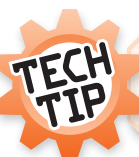


Model 51330

Router Bit Not Included



Model 51330



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

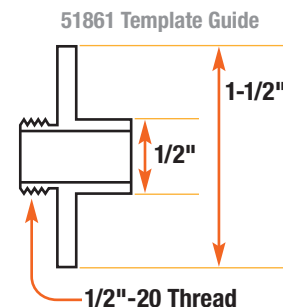
Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Base Size Inch (mm)	Height Inch (mm)
51330	.7 (522)	20,000	82 dB(A)	34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.5 (1.1)	3-1/4 (83) x 3-1/2 (89)	8-1/4 (210)

**Tune-Up Kit: No. 96529** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Collet Depth 1-5/8" (41 mm) • Max. Cutter Dia. 1-1/8" (29 mm)

# Dynabrade Product Spotlight

## 1 hp (744 W) Trim Routers

- Ideal for countless routing applications, on surfaces such as hardwoods and softwoods, cabinets, casework, doors, panels, countertops, laminates, displays and more!
- 1 hp air motor is **governor-controlled** to maintain consistent speed under load.
- Lightweight thermal-insulated tool housing is ergonomically designed for operator comfort.
- Each model includes 1/4" collet, for accepting optional 1/4" router bits.
- Safety-lock throttle lever prevents accidental tool startup, for enhanced workplace safety.



### Model 51860 – Complete Trim Router 20,000 RPM, Rear Exhaust

- Tool includes router nose assembly and 51861 template guide (with 1/2" dia. base). Nose assembly and template guide are nickel-plated for added durability.
- Allows quick adjustment of trim housing depth. Two wrenches included.



### 51818 – Trim Router Replacement Motor 20,000 RPM, Rear Exhaust

- Easy motor replacement for most popular 1 hp Trim Router tools!
- Motor includes adapter (1-3/8"-18 male thread), for use with existing inventories of template guides.



### Model 51865 – Complete Trim Router 20,000 RPM, Front Exhaust

- Tool includes router nose assembly and 51861 template guide (with 1/2" dia. base). Nose assembly and template guide are nickel-plated for added durability.
- Allows quick adjustment of trim housing depth. Two wrenches included.



### 51819 – Trim Router Replacement Motor 20,000 RPM, Front Exhaust

- Easy motor replacement for most popular 1 hp Trim Router tools!
- Motor includes adapter (1-3/8"-18 male thread), for use with existing inventories of template guides.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Collet	Air Inlet Thread	Hose I.D. Inch (mm)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51860	1 (749)	20,000	80 dB(A)	44 (1,256)	1/4"	3/8" NPT	3/8 (10)	2.7 (1.2)	10.9 (277)	1.9 (48)
51818	1 (749)	20,000	80 dB(A)	44 (1,256)	1/4"	3/8" NPT	3/8 (10)	1.9 (.9)	6.4 (163)	1.9 (48)
51865	1 (749)	20,000	84 dB(A)	44 (1,256)	1/4"	3/8" NPT	3/8 (10)	2.6 (1.2)	9.7 (246)	1.9 (48)
51819	1 (749)	20,000	84 dB(A)	44 (1,256)	1/4"	3/8" NPT	3/8 (10)	1.8 (.9)	7.2 (182)	1.9 (48)

Tune-Up Kit: No. 96532 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynabrade Product Spotlight

## .7 hp (522 W) Vacuum Routers

**For Connection to Central Vacuum System**  
**Unique Vacuum Shroud Captures Contaminants**

- Vacuum Router is ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces and plastics. Great for laminate trimming, surface planing, beveling and cornering.
- Includes 1" vacuum port, for easy connection to external central vacuum system. Efficiently captures dust and debris as tool is run.
- Tool accepts optional high-speed router bits with 1/4" diameter shank capacity. Non-marring composite base.

### 3-1/2" (89 mm) Base Model

#### Model 51332

**.7 hp (522 W), 20,000 RPM**

Includes 94300 Composite Dynaswivel® Air Line Connector (both models)

Safety-lock lever is included (both models)

Includes 08054 Insert, for enhanced source capture (both models)



Adjustable roller guide ensures consistent cut path on edge work



### 4" (102 mm) Base Model

#### Model 51333

**.7 hp (522 W), 20,000 RPM**

Extended rear exhaust muffler for reduced sound levels (both models)

Two handles for added support and ease of use

4" (102 mm) dia. Composite Base offers enhanced stability



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Collet Size	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51332	.7 (522)	20,000	79 dB(A)	37 (1,048)	1/4"	1/4" NPT	2.6 (1.2)	11 (282)	3.5 (89)
51333	.7 (522)	20,000	79 dB(A)	37 (1,048)	1/4"	1/4" NPT	3.3 (1.5)	11 (282)	4 (102)

**Tune-Up Kit: No. 96259** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**For More Tools and Related Accessories, Visit: [Dynabrade.com](http://Dynabrade.com)**



DYNABRADE.COM

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