

Dynabrade Raptor Vac® Portable Vacuum Systems

Plus Additional Source Capture Solutions

- Aggressively Capture Workplace Dust and Debris
- Various Configurations to Meet Safety Requirements
- Electric and Pneumatic Models
- Certified NFPA/CSA Listed Vacuum Systems Available



Watch
Raptor Vac®
Video!



Introducing Dynabrade RAPTOR VAC® Portable Vacuum Systems, designed to aggressively capture dust and debris for a cleaner, safer workplace! Available in Electric and Pneumatic models, these Vacuums offer a variety of ergonomic features, with “The Dynabrade Difference” built right in!

M-Class Vacuum System



ELECTRIC Portable Vacuum System

For Collecting Dust & Debris such as Wood, Plastics, Fiberglass & Body Filler.
Non-Conductive Polycarbonate Canister, for Dry Vacuuming Only.

Designed for general source capture and dry cleanup.

Model 61400 M-Class – 120 V, 60 Hz, 20 Amp Plug (North America)

Model 61420 M-Class – 120 V, 60 Hz, 15 Amp Plug (North America)

Model 61408 M-Class – 230 V, 50 Hz, 15 Amp Plug (Europe)

- Designed for general source capture and **dry** cleanup.
- 7.8' (238 cm) water static lift; 120 CFM (3,400 L/Min) vacuum flow.
- Vacuum starts automatically with startup of tool.
- Bypass Motor System uses environmental air to cool the motor and extend vacuum life.
- Industrial polycarbonate canister, **25 gallon (94 liter) capacity**. This size allows filter to remain at substantial distance from collected debris, reducing clogging and extending motor life.
- Includes **HEPA H13 Filter** with 99.95 % efficiency on 0.3 micron.
- Automatic cleaning of filter. By connecting vacuum unit to external air supply, a blast of air is released to filter every 40 seconds of operation to cyclically clean it.
- Handy accessory outlet on motor head allows for additional versatility in workplace. (Model 61420 does not include accessory outlet.)
- Convenient orange warning light indicates that filter needs replacement.
- Red warning light indicates protection device has been activated to prevent heat overload to motor.

Connect two tools simultaneously!



Connects to optional 61483 Cart (page 4)!

See optional 96558 Cleaning Kit (page 15)!

Certifications:



M-Class

EUROPEAN COUNTRIES:

CE EAC M-Class

SYSTEM INCLUDES:

- Two 20' (6 m) Non-Conductive Coaxial Hoses with Integrated Air Lines
- “Y” Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- Two Disposable Collection Bags

| Model Number | Capacity Gallon (Liter) | Voltage / Frequency | Watts | Amp (Plug for Region) | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch / cm / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|-------------------------|----------------------|-------|-----------------------|------------------------------|------------------------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61400 | 25 (94) | 120 V / 60 Hz | 1250 | 20 (USA / CA) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 77 (35) | 40 (102) | 25 (64) | 20 (51) |
| 61420* | 25 (94) | 120 V / 60 Hz | 1250 | 15 (USA / CA) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 77 (35) | 40 (102) | 25 (64) | 20 (51) |
| 61402 | 25 (94) | 220-240 V / 50-60 Hz | 1250 | 13 (UK) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 77 (35) | 40 (102) | 25 (64) | 20 (51) |
| 61408 | 25 (94) | 220-240 V / 50-60 Hz | 1250 | 15 (CEE7) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 77 (35) | 40 (102) | 25 (64) | 20 (51) |
| 61412 | 25 (94) | 220-240 V / 50-60 Hz | 1250 | 10 (Switz.) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 77 (35) | 40 (102) | 25 (64) | 20 (51) |

*Model 61420 DOES NOT include accessory outlet.

M-Class Vacuum System



ELECTRIC Portable Vacuum System

*For Collecting Dust & Debris such as Wood, Plastics, Fiberglass & Body Filler.
Conductive Stainless Steel Canister, for Dry Vacuuming Only.*

*Designed for general
source capture and
dry cleanup.*

Model 61401 *M-Class – 120 V, 60 Hz, 20 Amp Plug (North America)*

Model 61421 *M-Class – 120 V, 60 Hz, 15 Amp Plug (North America)*

Model 61409 *M-Class – 230 V, 50 Hz, 15 Amp Plug (Europe)*

Model 61415 *M-Class Certified Only – 230 V, 50/60 Hz, 15 Amp Plug (International)*

- Designed for general source capture and **dry** cleanup.
- 7.8' (238 cm) water static lift; 120 CFM (3,400 L/Min) vacuum flow.
- Vacuum starts automatically with startup of tool.
- Bypass Motor System uses environmental air to cool the motor and extend vacuum life.
- Heavy-duty stainless steel recovery tank, with **20 gallon (78 liter) capacity** for clean filter assurance. This size allows filter to remain at substantial distance from collected debris, reducing clogging and extending motor life.
- Includes **HEPA H13 Filter** with 99.95 % efficiency on 0.3 micron.
- Automatic cleaning of filter. By connecting vacuum unit to external air supply, a blast of air is released to filter every 40 seconds of operation, to cyclically clean it.
- Handy accessory outlet on motor head allows for additional versatility in workplace. (Models 61415 and 61421 do not include accessory outlet.)
- Convenient orange warning light indicates that filter needs replacement.
- Red warning light indicates protection device has been activated to prevent heat overload to motor.

*See optional
96563 Vacuum Tray
(page 17)!*

*Connect two tools
simultaneously!*



Connects to optional 61483 Cart (page 4)!

See optional 96558 Cleaning Kit (page 15)!

Certifications:



M-Class

EUROPEAN COUNTRIES:



M-Class

SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- Two Composite Couplers
- Vacuum Hose Swivel Cuff
- Two Disposable Collection Bags
- "Y" Connector

| Model Number | Capacity Gallon (Liter) | Voltage / Frequency | Watts | Amp (Plug for Region) | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch / cm / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|-------------------------|----------------------|-------|-----------------------|------------------------------|------------------------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61401 | 20 (78) | 120 V / 60 Hz | 1250 | 20 (USA / CA) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |
| 61421* | 20 (78) | 120 V / 60 Hz | 1250 | 15 (USA / CA) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |
| 61403 | 20 (78) | 220-240 V / 50-60 Hz | 1250 | 13 (UK) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |
| 61409 | 20 (78) | 220-240 V / 50-60 Hz | 1250 | 15 (CEE7) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |
| 61413 | 20 (78) | 220-240 V / 50-60 Hz | 1250 | 10 (Switz.) | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |
| 61415* | 20 (78) | 220-240 V / 50-60 Hz | 1250 | No Plug | 90 (6.2) | 94 / 238 / 234 | 73 dB(A) | 85 (39) | 48 (122) | 27 (69) | 24 (61) |

*Models 61415 and 61421 DO NOT include accessory outlet.

Dynabrade Portable Vacuum Cart



Vacuum /Accessory Cart

Model 61483

*Accepts optional M-Class
Portable Vacuums (pages 2-3)*

- Vacuum unit mounts and locks to cart for stability, and may be quickly removed for everyday maintenance.
- Tools, vacuum hoses, air lines and electric cord mount directly to cart, for convenient accessibility. Tools and accessories sold separately.
- Includes four shelves for handy storage of tools, accessories, abrasives and more. Shelves are protected by lockable door for added security.
- Top of cart may be utilized as additional shelf for tools, accessories, etc.
- Cart comes equipped with easy-glide steering casters to effortlessly transport vacuum unit, even on irregular surfaces.
- Durable powder-coated finish.
- Cart also accepts optional Division 2 Vacuums (pages 6-7).
- Shipping weight of Cart alone is 191 pounds (87 kg).



61483 Cart shown with optional M-Class Vacuum (see page 2), plus optional tools and hoses attached.

61483 Cart shown with optional M-Class Vacuum (see page 3), plus optional tools and hoses attached.



61483 Cart shown with optional M-Class Vacuum (see page 2), plus optional tools and hoses attached.



*Includes four shelves for
convenient storage of tools,
accessories and abrasives!*

Lockable door for added security!

Industrial Vacuum System



PNEUMATIC Portable Vacuum

*For Collecting Dust & Debris such as Wood, Plastics, Fiberglass & Body Filler.
Conductive Stainless Steel Canister, for Dry Vacuuming Only.*

*Designed for general
source capture and
dry cleanup.*

Model 64625

- Powerful industrial vacuum for commercial use, particularly where use of electric equipment is hazardous or where electric supply is not available.
- Connect and operate two tools simultaneously.
- **10 gallon (38 liter) capacity**; developed to be safe and portable.
- Top of the vacuum head is designed to work as a shelf to hold air tools, abrasives, etc.
- 100 CFM (2,830 L/Min) vacuum flow.
- The filter element is water resistant and washable.
- Also accepts optional 64630 HEPA Filter.
- USA Government National Stock Number 7910015614879.

*Connect two tools
simultaneously!*



Model 64635

- Same as above, and also includes two 64639 Conductive Coaxial Hose Assemblies.



*Both models include five dust collection bags.
Bags also available in a 12-pack (64627).*

| Model Number | Capacity Gallon (Liter) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM (L/Min) | Static Lift Inch of water / cm of water / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) |
|--------------|-------------------------|-------------------------------|-----------------------------|---|-------------|----------------------------|------------------|-----------------|
| 64625, 64635 | 10 (38) | 80 (5.5) | 35 (991) | 57 / 145 / 142 | 73 dB(A) | 64625: 50 (23) | 44 (1,118) | 19 (483) |
| | | 90 (6.2) | 37 (1,048) | 60 / 152 / 149 | | | | |
| | | 95 (6.6) | 41 (1,161) | 67 / 170 / 167 | | | | |
| | | 100 (6.9) | 44 (1,246) | 70 / 178 / 174 | | 64635: 53 (24) | | |
| | | 105 (7.2) | 45 (1,274) | 73 / 185 / 182 | | | | |
| | | 110 (7.6) | 47 (1,331) | 76 / 193 / 189 | | | | |

Dynabrade.com

Now Available in NINE Languages!

- | | |
|---------------------------------|------------------------------------|
| ➤ English | ➤ Italian (Italiano) |
| ➤ German (Deutsch) | ➤ French (Français) |
| ➤ Turkish (Türkçe) | ➤ Simplified Chinese (简体中文) |
| ➤ Spanish (Español) | ➤ Russian (русский) |
| ➤ Portuguese (Português) | |



Division 2 Vacuum System



ELECTRIC Portable Vacuum

**For Collecting Non-Metallic Dust & Debris such as Wood & Plastics.*

Model 61430 Division 2 - 120 V, 60 Hz (North America)

Model 61431 ATEX Cat. 3 for Zone 22 - 230 V, 50 Hz (Europe)

- Designed for general source capture and cleanup.
- Powerful suction is ideal for **dry-only** industrial applications.
- Bypass Motor System uses clean air to cool the motor and extend vacuum life.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron.
- Two additional HEPA Filters included within powerhead, making powerhead eligible for IP6X.
- Top-quality stainless steel body and **10 gallon (38 liter)** recovery tank.
- Unit is static-dissipating (kit included) and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart.
- Also connects to optional 61483 Cart (see page 5).
- Dust Ignition Protected.

For use where hazardous dust is not normally suspended in an ignitable concentration, but may accidentally exist.

*See optional 96607
Cleaning Kit (page 15)!*

*Connect two tools
simultaneously!*

Certifications:



Designed for use in:
Class II, Division 2, Groups F & G



EUROPEAN COUNTRIES:
ATEX Third Party Certified
CE EX II 1/3 D
Ex tc IIIC T200° C Dc IP6X c T3

***Zone 22 Vacuum Systems may be used in European countries for metallic collection, including aluminum, magnesium and other commercial alloys.**

Vacuum for use in:

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts



SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- "Y" Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- Disposable Collection Bag
- Conductive Poly Liner

| Model Number | Regional Description | Capacity Gallon (Liter) | Voltage / Frequency | Watts | Amp (Plug for Region) | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|-------------------------|-------------------------|----------------------|-------|-----------------------|------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61430 | Division 2 | 10 (38) | 120 V / 60 Hz | 1200 | 20 (USA / CA) | 90 (6.2) | 107 / 272 / 267 | 110 (3,115) | 68 dB(A) | 122 (56) | 39 (99) | 20 (51) | 27 (69) |
| 61431 | ATEX Cat. 3 for Zone 22 | 10 (38) | 220-240 V / 50-60 Hz | 1200 | 13 (UK) | 90 (6.2) | 107 / 272 / 267 | 110 (3,115) | 68 dB(A) | 122 (56) | 39 (99) | 20 (51) | 27 (69) |

Division 2 Vacuum System



PNEUMATIC Portable Vacuum

**For Collecting Non-Metallic Dust & Debris such as Wood & Plastics.*

Model 61440 *Division 2 (North America)*

Model 61441 *ATEX Cat. 3 for Zones 2 & 22 (Europe)*

- Designed for general source capture and cleanup.
- Powerful suction is ideal for **dry-only** industrial applications.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron.
- Two additional HEPA Filters included within powerhead, making powerhead eligible for IP6X.
- Top-quality stainless steel body and **10 gallon (38 liter)** recovery tank.
- Unit is static-dissipating (kit included) and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart.
- Also connects to optional 61483 Cart (see page 5).

*See optional 96607
Cleaning Kit (page 15)!*

*Connect two tools
simultaneously!*

Certifications:

Designed for use in:

Class I, Division 2, Groups A, B, C and D T6

Class II, Division 2, Groups F, G

Hazardous Locations as defined in the

National Electric Code (NFPA 70).



EUROPEAN COUNTRIES:

ATEX

CE EX II 3 GD c IIC T6 (85° C)

**Zone 22 Vacuum Systems may be used in European countries for metallic collection, including aluminum, magnesium and other commercial alloys.*

Vacuum for use in:

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts



SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- "Y" Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- Disposable Collection Bag
- Conductive Poly Liner

| Model Number | Regional Description | Capacity Gallon (Liter) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM / (L/Min) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-------------------------|-------------------------------|-------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61440 | Division 2 | 10 (38) | 90 (6.2) | 45 (1,274)* | 170 / 432 / 423 | 120 (3,398) | 80 dB(A) | 102 (46) | 39 (99) | 20 (51) | 27 (69) |
| 61441 | ATEX Cat. 3 for Zones 2 & 22 | 10 (38) | 90 (6.2) | 45 (1,274)* | 170 / 432 / 423 | 120 (3,398) | 80 dB(A) | 102 (46) | 39 (99) | 20 (51) | 27 (69) |

***NOTE:** Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

Division 1 Vacuum System



ELECTRIC Portable Vacuum

For Collecting Metallic Dust & Debris such as Aluminum and Commercial Alloys.

Collects Maximum of 5 lbs. (2.27 kg) of Dust.

GUARANTEED for safe recovery of combustible/conductive dusts.

Model 61450 Division 1 - 120 V, 50/60 Hz (North America)

Model 61451 ATEX Cat. 2 for Zones 1 & 21, 230 V, 50/60 Hz (Europe)

- Designed for **dry-only** source capture, where fine dust must be recovered.
- Legally certified as **explosion-proof** and **dust ignition-proof**.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron. Filter is located downstream of the motor. Manual Filter Shaker (MFS) system.
- Top-quality stainless steel body and **6.25 gallon (24 liter)** recovery tank. Maximum 5 pounds (2.27 kg) of metal dust recovery.
- Easy “one click” detaching and connecting of recovery tank!
- Unit is static-dissipating and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart and tool basket.

*Includes 96608
Conductive Cleaning Kit
(page 15)!*

*Connect two tools
simultaneously!*

Certifications:



Designed for use in:
Class I, Division 1, Group D T3C
Class II, Division 1, Groups E, F and G
Hazardous Locations as defined in
the National Electric Code (NFPA 70)



EUROPEAN COUNTRIES:
ATEX Third Party Certified
CE EX II 2 GD Ex d IIA T3 Gb
Ex t IIIC T 200° C Db IP 6X

Vacuum for use in:

Group D atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

Group E atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts

SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- “Y” Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- Conductive Poly Liner
- 3/4" x 25' (19 mm x 7.6 m) Conductive Air Line Supply

| Model Number | Regional Description | Capacity Gallon (Liter) | Dust Recovery Pound (kg) | Voltage / Frequency | Watts | Amp (Plug for Region) | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/Min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-------------------------|--------------------------|----------------------|-------|-----------------------|------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61450 | Division 1 | 6.25 (24) | 5 (2.27) | 120 V / 50/60 Hz | 1,000 | 20 (USA / CA) | 90 (6.2) | 69 / 175 / 172 | 132 (3,738) | 85 dB(A) | 179 (81) | 43 (109) | 26 (66) | 26 (66) |
| 61451 | ATEX Cat. 2 for Zones 1 & 21 | 6.25 (24) | 5 (2.27) | 220-240 V / 50-60 Hz | 1,000 | 13 (UK) | 90 (6.2) | 69 / 175 / 172 | 132 (3,738) | 85 dB(A) | 179 (81) | 43 (109) | 26 (66) | 26 (66) |

Division 1 Vacuum System



PNEUMATIC Portable Vacuum

For Collecting Metallic Dust & Debris such as Aluminum and Commercial Alloys.

Collects Maximum of 5 lbs. (2.27 kg) of Dust.

GUARANTEED for safe recovery of combustible/conductive dusts.

Model 61465 *Division 1 (North America)*

Model 61466 *ATEX Cat. 2 for Zones 1 & 21 (Europe)*

- Designed for **dry-only** source capture, where fine dust must be recovered.
- Legally certified as **explosion-proof** and **dust ignition-proof**.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron. Filter is located downstream of the motor. Manual Filter Shaker (MFS) system.
- Top-quality stainless steel body and **6.25 gallon (24 liter)** recovery tank. Maximum 5 pounds (2.27 kg) of metal dust recovery.
- Easy "one click" detaching and connecting of recovery tank!
- Unit is static-dissipating (kit included) and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart and tool basket.

*Includes 96608
Conductive Cleaning Kit
(page 15)!*

*Connect two tools
simultaneously!*



Certifications:

Designed for use in:

Class I, Division 1, Groups A, B, C, D, T6

Class II, Division 1, Groups E, F, G

Hazardous Locations as defined in the National Electric Code (NFPA 70)



EUROPEAN COUNTRIES:

**ATEX Third Party Certified
CE EX II 2 GD c IIC T6 (85° C)**

Vacuum for use in:

Group A atmospheres, containing acetylene

Group B atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

Group C atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

Group D atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

Group E atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts

SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- "Y" Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- Conductive Poly Liner
- 3/4" x 25' (19 mm x 7.6 m) Conductive Air Line Supply

| Model Number | Regional Description | Capacity Gallon (Liter) | Max. Dust Recovery Pound (kg) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM / (L/Min) | Air Flow CFM (L/Min) | Water Static Lift Inch / cm / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------|------------------------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61465 | Division 1 | 6.25 (24) | 5 (2.27) | 90 (6.2) | 45 (1,274)* | 110 (3,115) | 180 / 457 / 448 | 80 dB(A) | 168 (76) | 48 (122) | 22 (56) | 20 (51) |
| 61466 | ATEX Cat. 2 for Zones 1 & 21 | 6.25 (24) | 5 (2.27) | 90 (6.2) | 45 (1,274)* | 110 (3,115) | 180 / 457 / 448 | 80 dB(A) | 168 (76) | 48 (122) | 22 (56) | 20 (51) |

***NOTE:** Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

Division 1 with Immersion Separator



ELECTRIC Portable Vacuum with Division 1 Immersion Separator

For Collecting Metallic Dust & Debris such as Aluminum, Magnesium, Titanium, Commercial Alloys. Collects Maximum of 22 lbs. (10 kg) of Dust.

Model 61461 Division 1 - 120 V, 50/60 Hz (North America)

Model 61462 ATEX Cat. 2 for Zones 1 & 21
230 V, 50/60 Hz (Europe)

- Legally certified as **explosion-proof** and **dust ignition-proof**.
- Utilized for the recovery of metallic, conductive and explosive dusts, into a liquid immersion bath such as water, paraffin oil or mineral oil. **Renders hazardous dusts inert.**
- Recovery capacity of 22 lbs (10 kg) of dust into 7.9 gallons (30 liters) of neutralizing liquid.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron. Filter is located downstream of the motor.
- Stainless steel recovery tank (SAE 304). Easy "one click" detaching and connecting of tank!
- Unit is static-dissipating (kit included) and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart and tool basket.
- Dynabrade recommends the use of Mineral Oil with viscosity of 10.5 cSt.

*Includes 96608
Conductive Cleaning
Kit (page 15)!*



Certifications:



Designed for use in:
Class I, Division 1, Group D T3C
Class II, Division 1, Groups E, F and G
Hazardous Locations as defined in
the National Electric Code (NFPA 70)

*Connect two tools
simultaneously!*



EUROPEAN COUNTRIES:
ATEX Third Party Certified
CE EX II 2 GD Ex d IIA T3 Gb
Ex t IIIC T 200° C Db IP 6X

Vacuum for use in:

Group D atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

Group E atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts

SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- "Y" Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- 3/4" x 25' (19 mm x 7.6 m) Conductive Air Line Supply

| Model Number | Regional Description | Max. Recovery Capacity Pound (kg) | Neutralizing Liquid Gallon (Liter) | Voltage Frequency | Watts | Amp (Plug for Region) | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/Min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-----------------------------------|------------------------------------|----------------------|-------|-----------------------|------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61461 | Division 1 | 22 (10) | 7.9 (30) | 120 V / 50/60 Hz | 1000 | 20 (USA / CA) | 90 (6.2) | 89 /175 / 172 | 132 (3,738) | 85 dB(A) | 427 (194) | 72 (183) | 60 (152) | 36 (91) |
| 61462 | ATEX Cat. 2 for Zones 1 & 21 | 22 (10) | 7.9 (30) | 220-240 V / 50-60 Hz | 1000 | 13 (UK) | 90 (6.2) | 89 /175 / 172 | 132 (3,738) | 85 dB(A) | 427 (194) | 72 (183) | 60 (152) | 36 (91) |

Division 1 with Immersion Separator



PNEUMATIC Portable Vacuum

with Division 1 Immersion Separator

For Collecting Metallic Dust & Debris such as Aluminum, Magnesium, Titanium, Commercial Alloys.

Collects Maximum of 22 lbs. (10 kg) of Dust.

GUARANTEED for safe recovery of combustible/ conductive dusts. Renders hazardous dusts inert using mineral oil as neutralizing liquid.

Model 61463 Division 1 (North America)

Model 61464 ATEX Cat. 2 for Zones 1 & 21 (Europe)

- Legally certified as **explosion-proof** and **dust ignition-proof**.
- Utilized for the recovery of metallic, conductive and explosive dusts, into a liquid immersion bath such as water, paraffin oil or mineral oil. **Renders hazardous dust inert.**
- Recovery capacity of 1.3 gallons (5 liters) of dust into 7.9 gallons (30 liters) of neutralizing liquid.
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron. Filter is located downstream of the motor.
- Stainless steel recovery tank (SAE 304). Easy “one click” detaching and connecting of tank!
- Unit is static-dissipating (kit included) and conductive.
- Aerosol leak tested for quality assurance.
- Equipped with easy-glide cart and tool basket.
- Dynabrade recommends the use of Mineral Oil with viscosity of 10.5 cSt.

*See optional 96608
Conductive Cleaning
Kit (page 15)!*

*Connect two tools
simultaneously!*



Certifications:

Designed for use in:

Class I, Division 1, Groups A, B, C, D, T6

Class II, Division 1, Groups E, F, G

Hazardous Locations as defined in the National Electric Code (NFPA 70)



EUROPEAN COUNTRIES:
ATEX Third Party Certified
CE EX II 2 GD c IIC T6 (85° C)

Vacuum for use in:

Group A atmospheres, containing acetylene

Group B atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

Group C atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

Group D atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

Group E atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

Group F atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

Group G atmospheres, containing wood and plastic dusts

SYSTEM INCLUDES:

- Two 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines
- “Y” Connector
- Two Composite Couplers
- Two Vacuum Hose Swivel Adapters
- 3/4" x 25' (19 mm x 7.6 m) Conductive Air Line Supply

| Model Number | Regional Description | Recovery Capacity Pound (kg) | Neutralizing Liquid Gallon (Liter) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM / (L/Min) | Air Flow CFM (L/Min) | Water Static Lift Inch / cm / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|------------------------------|------------------------------------|-------------------------------|-------------------------------|----------------------|------------------------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61463 | Division 1 | 22 (10) | 7.9 (30) | 90 (6.2) | 45 (1,274)* | 110 (3,115) | 180 / 457 / 448 | 80 dB(A) | 277 (126) | 72 (183) | 34 (86) | 36 (91) |
| 61464 | ATEX Cat. 2 for Zones 1 & 21 | 22 (10) | 7.9 (30) | 90 (6.2) | 45 (1,274)* | 110 (3,115) | 180 / 457 / 448 | 80 dB(A) | 277 (126) | 72 (183) | 34 (86) | 36 (91) |

***NOTE:** Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

Wall-Mount Vacuums



PNEUMATIC Vacuum - Wall-Mount Style

For Use on Metallic Surfaces such as Aluminum & Commercial Alloys.

Model 61470 *Division 1 (North America)*

Model 61471 *ATEX Cat. 2 for Zones 1 & 21 (Europe)*

- Designed for dry source capture, to be used for general maintenance in potentially hazardous locations.
- Lightweight, **handheld design** provides great mobility!
- All stainless steel construction (SAE 304).
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron.
- Air jet is adjustable from 80" to 90" of static waterlift.
- Aerosol leak tested for quality assurance.
- Unit is static-dissipating (kit included) and conductive.
- Recovery capacity of 1.5 gallons (6 liters) in optional Disposable Filter Bag.

Includes Brackets for Mounting to Wall or to Vacuum Cart (below)!

Easily Removed for Handheld Use!

See optional 62831 & 61832 Conductive Cleaning Kits (page 15)!



Certifications:

Designed for use in:

Class I, Division 1, Groups A, B, C, D, T6; Class II, Division 1, Groups E, F, G Hazardous Locations as defined in the National Electric Code (NFPA 70)



EUROPEAN COUNTRIES:
ATEX Third Party Certified
CE EX II 2 GD c IIC T6 (85° C)

SYSTEM INCLUDES:

- 20' (6 m) Conductive Air Hose with Integrated Air Lines
- 1/2" by 2' (25 mm x 0.6 m) Conductive Air Line Supply
- Composite Coupler
- Vacuum Hose Swivel Adapter
- Three Collection Bags

| Model Number | Regional Description | Capacity Gallon (Liter) | Max. Capacity Pound (kg) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM / (L/Min) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/Min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-------------------------|--------------------------|-------------------------------|-------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61470 | Division 1 | 1.5 (6) | 5 (2.3) | 90 (6.2) | 35 (991)* | 80 / 203 / 199 | 50 (1,416) | 68 dB(A) | 28 (13) | 16 (41) | 18 (46) | 30 (76) |
| 61471 | ATEX Cat. 2 for Zones 1 & 21 | 1.5 (6) | 5 (2.3) | 90 (6.2) | 35 (991)* | 80 / 203 / 199 | 50 (1,416) | 68 dB(A) | 28 (13) | 16 (41) | 18 (46) | 30 (76) |

***NOTE:** Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

Vacuum/Accessory Cart

Model 61483

Accepts one or two optional Wall-Mount Portable Vacuums (above)

- Vacuum unit mounts and locks to cart for stability, and may be quickly removed for everyday maintenance.
- Tools, vacuum hoses, air lines and electric cord mount directly to cart, for convenient accessibility. Tools and accessories sold separately.
- Includes four shelves for handy storage of tools, accessories, abrasives and more. Shelves are protected by lockable door for added security.
- Top of cart may be utilized as additional shelf for tools, accessories, etc.
- Cart comes equipped with easy-glide steering casters to effortlessly transport vacuum unit, even on irregular surfaces.
- Durable powder-coated finish.
- Shipping weight of Cart alone is 191 pounds (87 kg).

61483 Cart shown with optional Wall-Mount Vacuum mounted (see above), plus optional tool and hose attached. Second Wall-Mount Vacuum may also be mounted.



Backpack Vacuums



PNEUMATIC Vacuum - Backpack Style

For Use on Metallic Surfaces such as Aluminum & Commercial Alloys.

Model 61472 *Division 1 (North America)*

Model 61473 *ATEX Cat. 2 for Zones 1 & 21 (Europe)*

- Designed for dry source capture, to be used for general maintenance in potentially hazardous locations.
- Lightweight design is ideal in tight areas where larger vacuum unit cannot be used.
- All stainless steel construction (SAE 304).
- Includes **HEPA H14 Filter** with 99.995% efficiency on 0.3 micron.
- Air jet is adjustable from 80" to 90" of static waterlift.
- Aerosol leak tested for quality assurance.
- Unit is static-dissipating (kit included) and conductive.
- Recovery capacity of 1.5 gallons (6 liters) in optional Disposable Filter Bag.

Includes Backpack Harness for Great Mobility!



*See optional 62831 & 62832
Conductive Cleaning Kits (page 15)!*

Certifications:

Designed for use in:

Class I, Division 1, Groups A, B, C, D, T6

Class II, Division 1, Groups E, F, G

Hazardous Locations as defined in the National Electric Code (NFPA 70)



EUROPEAN COUNTRIES:

ATEX Third Party Certified
CE EX II 2 GD c IIC T6 (85° C)


SYSTEM INCLUDES:

- 8' (2.5 m) Conductive Air Hose with Integrated Air Lines
- 1/2" by 25' (25 mm x 7.6 m) Conductive Air Line Supply
- Composite Coupler
- Vacuum Hose Swivel Adapter
- Three Collection Bags

| Model Number | Regional Description | Capacity Gallon (Liter) | Max. Capacity Pound (kg) | Air Inlet Pressure PSIG (Bar) | Air Consumption CFM / (L/Min) | Water Static Lift Inch / cm / mbar | Air Flow CFM (L/Min) | Sound Level | Shipping Weight Pound (kg) | Height Inch (cm) | Width Inch (cm) | Length Inch (cm) |
|--------------|------------------------------|-------------------------|--------------------------|-------------------------------|-------------------------------|------------------------------------|----------------------|-------------|----------------------------|------------------|-----------------|------------------|
| 61472 | Division 1 | 1.5 (6) | 5 (2.3) | 90 (6.2) | 35 (991)* | 80 / 203 / 199 | 50 (1,416) | 68 dB(A) | 32 (14) | 16 (41) | 18 (46) | 30 (76) |
| 61473 | ATEX Cat. 2 for Zones 1 & 21 | 1.5 (6) | 5 (2.3) | 90 (6.2) | 35 (991)* | 80 / 203 / 199 | 50 (1,416) | 68 dB(A) | 32 (14) | 16 (41) | 18 (46) | 30 (76) |

*NOTE: Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

Dynabrade Raptor Vac® Portable Vacuums

|  | Page Number | M-Class Polycarbonate 25 Gallon (94 Liter) | M-Class Stainless Steel 20 Gallon (78 Liter) | Industrial 10 Gallon (38 Liter) | Division 2 120 V (60 Hz) | ATEX Cat. 3 for Zone 22 230 V (50 Hz) | Division 1 120 V (50/60 Hz) | ATEX Cat. 2 for Zones 1 & 21 230 V (50/60 Hz) | ATEX Cat. 2 for Zones 1 & 21 *Wall-Mount, Backpack | With Immersion Separator | |
|--|-------------|--|---|---------------------------------------|--------------------------------|---|-----------------------------------|---|---|-----------------------------------|--|
| | | | | | | | | | | Division 1 120 V (50/60 Hz) | ATEX Cat. 2 for Zones 1 & 21 230 V (50/60 Hz) |
| | | 2 | 3 | 5 | 6 - 7 | 6 - 7 | 8 - 9 | 8 - 9 | 12 - 13 | 10 - 11 | 10 - 11 |
| Electric | | 61400, 61402, 61408, 61412, 61420 | 61401, 61403, 61409, 61413, 61415, 61421 | | 61430 | 61431 | 61450 | 61451 | | 61461 | 61462 |
| Pneumatic | | | | 64625, 64635 | 61440 | 61441 | 61465 | 61466 | *61471, 61473 | 61463 | 61464 |
| What Materials can be Collected? | | | | | | | | | | | |
| Non-metals, non-combustible such as woods, plastics | | | | | | | | | | | |
| Non-metals, woods, plastics, combustible carbonaceous dusts such as coal, carbon black, charcoal and coke dust. DRY ONLY. | | | | | | | | | | | |
| Metallic collection, including aluminum, magnesium and other commercial alloys | | | | | | | | | | | |
| How Much METALLIC Dust can be Collected? | | | | | | | | | | | |
| Maximum 5 pounds (2.3 kg) of Metallic Dust | | | | | | | | | | | |
| More than 5 pounds (2.3 kg) of Metallic Dust, up to maximum 22 pounds (10 kg) of Metallic Dust | | | | | | | | | | | |
| What Certification Documents are Included?* | | | | | | | | | | | |
| C UL US Listed, M-Class, CE, EAC | | | | | | | | | | | |
| NFPA / CSA Certified | | | | | | | | | | | |
| ATEX Certified | | | | | | | | | | | |
| Does Raptor Vac® Connect to 61483 Cart? | | | | | | | | | | | |
| Yes | | | | | | | | | | | |

****Certification documents support the regional standards that define the proper method of collecting hazardous dusts. UL testing, ATEX and CE labs have conducted complete testing on each Dynabrade Raptor Vac® model, to prove regional conformity. For example, if an operator is collecting 10 pounds (4.5 kg) of dust in a day, he should be using Dynabrade Raptor Vac® model 61461 (electric) or 61463 (pneumatic).**

CFM Air Flow vs. Static Water Lift:
FLOW refers to the finer particles that Dynabrade Abrasive Power Tools create when used. The greater the flow, the more efficiency there is in collecting and carrying small particles to the vacuum.
LIFT refers to the weight of the particle being lifted, and is useful when referencing larger or heavy material (concrete debris for example).

Raptor Vac® Vacuum Cleaning Kits

M-Class Vacuums: Optional Cleaning Kit

For M-Class Portable Vacuums (pages 2-3)

Part No. 96558

- Vacuum Hose, 6' (1.8 m) length
- Curved handle with two extensions
- Round brush
- Crevice tool
- Coarse nozzle attachment



Division 2 Vacuums: Optional Conductive Cleaning Kit

For Division 2 Portable Vacuums (pages 6-7)

Part No. 96607

- Vacuum Hose, 10 ft. (3 m) length
- Curved handle with extension
- Round brush
- Crevice tool
- Small & large coarse nozzle



Division 1 Vacuums: Conductive Cleaning Kit

*Included with Division 1 Portable Vacuums (pages 8-10)
Optional for Models 61463, 61464 (page 11)*

Part No. 96608

- Vacuum Hose, 10 ft. (3 m) length
- Curved handle with extension
- Round brush
- Crevice tool & curved crevice tool
- Large coarse nozzle



Wall-Mount & Backpack Vacuums: Optional Conductive Cleaning Kit

For Wall-Mount & Backpack Vacuums (pages 12-13)

Part No. 62831 20 ft. (6 m) Vacuum Hose

Part No. 62832 8 ft. (2.5 m) Vacuum Hose

- 1-1/4" to 1-1/2" Hose cuff expander
- 1-1/2" Hose cuff coupler
- Stainless steel male connect
- Round brush
- Crevice tool
- Small flat tool
- Extension wand (set of 2)
- Large floor tool



Vacuum Hose Assemblies

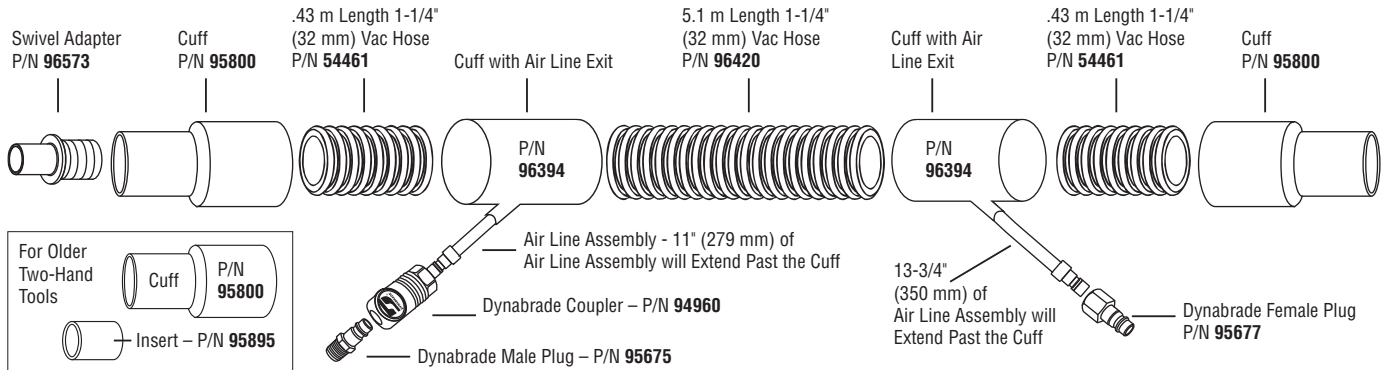


Coaxial Vacuum Hose Assembly

Included with Raptor Vac® Models 61400, 61402, 61408, 61412, 61420

Part No. 94941

1-1/4" Diameter x 20' Long (32 mm x 6 m)



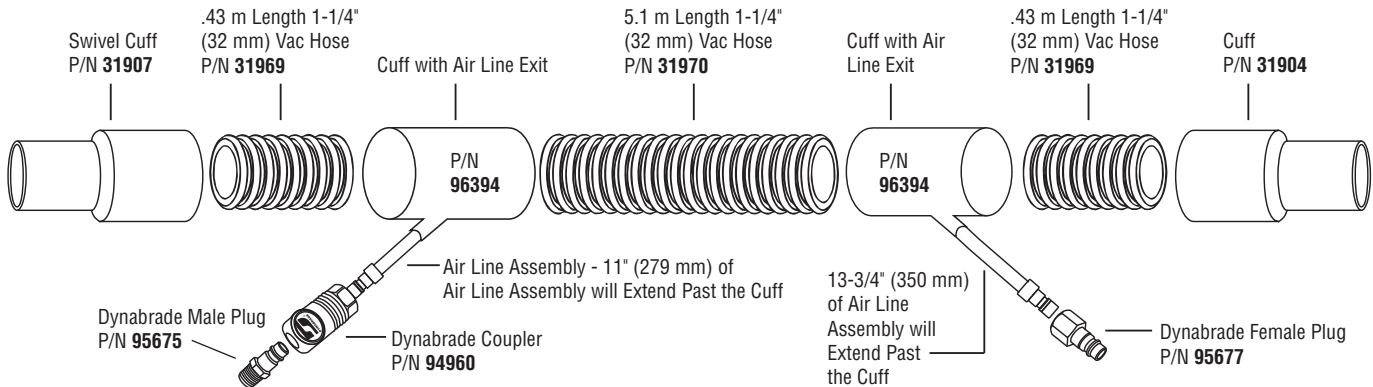
Conductive Vacuum Hose Assembly

Included with Raptor Vac® Models 61401, 61403, 61409, 61413, 61415, 61421, 61430, 61431, 61440, 61441, 61450, 61451, 61461, 61462, 61457, 61459, 61463, 61464, 61470, 61471, 61472*, 61473*

Part No. 31962

1-1/4" Diameter x 20' Long (32 mm x 6 m)

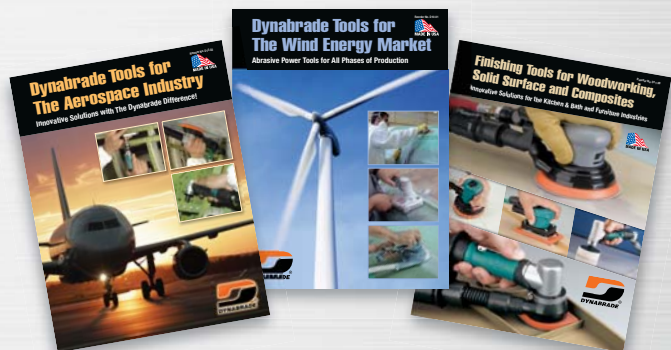
*61472 and 61473 Raptor Vac® models include 31955 Hose Assembly, 1-1/4" Diameter x 8' Long (32 mm x 2.4 m)



Dynabrade Industry Segment and Product Group Catalogs

Each catalog features **Dynabrade** tool information and applications specific to **key markets!**

- **Aerospace Industry** (D15.02)
- **Wood, Solid Surface & Composites** (D11.08)
- **Tools for Wind Energy Market** (D10.01)
- **Vacuum Tools & Accessories** (D09.18)
- **"D3" Random Orbital Sanders** (D09.08R)



See complete Literature Library at
Dynabrade.com!

M-Class Vacuum Accessories

Optional Accessories Sold Separately



Disposable Dust Collection Bags

For All Models on Pages 2-3

Part No. 96623



HEPA Filter/Main

For All Models on Pages 2-3

Part No. 80459



Conductive "Y" Connector Inlet

For All Models on Pages 2-3

Part No. 31968



Vacuum Inlet

For All Models on Pages 2-3

Part No. 31964



Vacuum Tray/ Optional Vacuum Hose Hanger

*Attaches to Models 61401, 61403,
61409, 61413, 61415, 61421 only (page 3)*

Part No. 96563



Tray shown with
96581 Hose Hanger,
sold separately.

**HIGHEST
QUALITY!**

**FASTEST
SHIPPING!**



**FREE ON-SITE
DEMOS!**

**BEST
SERVICE!**

Discover The Dynabrade Difference!

Dynabrade.com

Division 2 and Division 1 Vacuum Accessories

Optional Accessories Sold Separately

Division 2 Vacuum Accessories

Division 2

ATEX Cat. 3 for Zone 22

Electric: 61430, 61431 (pg. 6)

| Part No. | Description | Qty. |
|----------|--------------------------------|--------|
| 62410 | Cooling HEPA Filter/Intake | 1 |
| 62640 | Working Air HEPA Filter/Intake | 1 |
| 62483 | HEPA Filter/Exhaust | 1 |
| 62647 | Collection Bag | 3-Pack |
| 62638 | Conductive Poly Liner | 5-Pack |

| Part No. | Description | Qty. |
|----------|-------------------------|------|
| 62719 | Pre-Filter | 1 |
| 62449 | Grounded Air Line | 1 |
| 96607 | Conductive Cleaning Kit | 1 |
| 62414 | Micro Safety Filter | 1 |

Division 2

ATEX Cat. 3 for Zones 2 & 22

Pneumatic: 61440, 61441 (pg. 7)

| Part No. | Description | Qty. |
|----------|--------------------------------|--------|
| 62640 | Working Air HEPA Filter/Intake | 1 |
| 62677 | Pre-Filter | 1 |
| 62647 | Collection Bag | 3-Pack |
| 62638 | Conductive Poly Liner | 5-Pack |
| 62449 | Grounded Air Line | 1 |
| 96607 | Conductive Cleaning Kit | 1 |
| 62414 | Micro Safety Filter | 1 |



Division 1 Vacuum Accessories

Division 1

ATEX Cat. 2 for Zones 1 & 21

Electric: 61450, 61451 (pg. 8)

| Part No. | Description | Qty. |
|----------|-------------------------|--------|
| 62585 | HEPA Filter/Exhaust | 1 |
| 62668 | Pre-Filter | 1 |
| 62635 | Conductive Poly Liner | 5-Pack |
| 62449 | Grounded Air Line | 1 |
| 96608 | Conductive Cleaning Kit | 1 |

Division 1

ATEX Cat. 2 for Zones 1 & 21

Pneumatic: 61465, 61466 (pg. 9)

| Part No. | Description | Qty. |
|----------|-------------------------|--------|
| 62585 | HEPA Filter/Exhaust | 1 |
| 62668 | Pre-Filter | 1 |
| 62635 | Conductive Poly Liner | 5-Pack |
| 62449 | Grounded Air Line | 1 |
| 96608 | Conductive Cleaning Kit | 1 |

Division 1

ATEX Cat. 2 for Zones 1 & 21

With Immersion Separator

Electric: 61461, 61462 (pg. 10)

| Part No. | Description | Qty. |
|----------|-------------------------|------|
| 62585 | HEPA Filter/Exhaust | 1 |
| 62668 | Pre-Filter | 1 |
| 62449 | Grounded Air Line | 1 |
| 96608 | Conductive Cleaning Kit | 1 |

Division 1

ATEX Cat. 2 for Zones 1 & 21

With Immersion Separator

Pneumatic: 61463, 61464 (pg. 11)

| Part No. | Description | Qty. |
|----------|-------------------------|------|
| 62585 | HEPA Filter/Exhaust | 1 |
| 62449 | Grounded Air Line | 1 |
| 96608 | Conductive Cleaning Kit | 1 |

Division 1

ATEX Cat. 2 for Zones 1 & 21

Pneumatic Wall-Mount: 61470, 61471 (pg. 12)

Pneumatic Backpack: 61472, 61473 (pg. 12)

| Part No. | Description | Qty. | Part No. | Description | Qty. |
|----------|---------------------|--------|----------|---------------------|------|
| 62415 | HEPA Filter/Exhaust | 1 | 62778 | Pre-Filter Assembly | 1 |
| 62787 | Collection Bag | 3-Pack | 62587 | Grounded Air Line | 1 |



Raptor Vac® Dust Extraction Arms

For ATEX Approved Extraction of Combustible Dust 



Raptor Vac® Dust Extraction Arms are used with Division 1 Vacuums (pages 8-11), and are specially designed for workplaces generating large amounts of dust/fumes. These easy-to-use Arms afford the operator the ultimate in mobility and flexibility, along with high-suction capability in even the toughest areas!

8" Round Hood

Part No. 62840

*For use with models
61450, 61451, 61465, 61466*

Part No. 62843

*For use with models
61461, 61462, 61463, 61464*



15" Round Hood

Part No. 62841

*For use with models
61450, 61451, 61465, 61466*

Part No. 62844

*For use with models
61461, 61462, 61463, 61464*



13" x 19" Hood

Part No. 62842

*For use with models
61450, 61451, 61465, 61466*

Part No. 62845

*For use with models
61461, 61462, 61463, 61464*

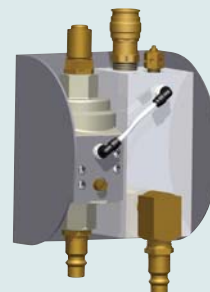


Discover The Dynabrade Difference!

If you have questions about features and/or accessories not shown in this brochure, please contact your nearest Dynabrade distributor. We will work with you to solve all your application challenges, and fulfill all your dust collection needs!

Choose Dynabrade's Raptor Vac® systems for assurance that your source capture is at peak efficiency, following NFPA and ATEX requirements, and certified through independent testing.

Breathe easy and work safe with Dynabrade!



Ask about optional
"Automatic On/Off"
accessory, for use with
Division 1 Pneumatic
Vacuum Systems
(pages 9, 11, 12, 13).
Portable Vacuum
starts automatically
with startup of tool!

Downdraft Sanding Tables

Eliminate Airborne Dust and Contaminants While Sanding

Products on this page
not available in Europe.

(See page 21 for
European models.)

For Use with Non-Metallic Surfaces Only

Standard Duty Tables

Model 64201 Working Area of 33" W x 41" L

Model 64699 Working Area of 33" W x 60" L

Model 64700 Working Area of 36" W x 72" L

- Ideal for use with vacuum or non-vacuum tools.
- Dual filtration – accepts MERV 8 pleated paper filters, 20" W x 25" L. (Models 64201 and 64699 include two filters; model 64700 includes three.)
- Each model also includes one pre-filter blanket.
- Rhino Linings® coated tabletop surface is durable and anti-slip.
- 5" diameter casters allow easy maneuverability of table.
- Two handy storage compartments for tools and accessories.
- Two convenient dust-tight electric outlets.



Heavy Duty Table

Model 64657 Working Area of 48" W x 96" L

- Includes eight 20" x 25" paper filters (64658) and four 16" x 25" paper filters (64659).
- Dual filtration – pre-filter blanket and MERV 8 paper filters.
- Up to 70% more filter area than competitive brands.
- High quality reverse incline blowers. Heavy duty TEFC twin electric motors.
- Base unit is all-metal construction with CNC milled 3/4" MDF tabletop.
- Anti-static, anti-slip mat (64970) is included, and available separately. Optional 5" diameter casters also available.



| Model Number | Motor hp | Volts/Hz | Phase | Air Flow | Current Amps | Working Area Width Inch (mm) | Working Area Length Inch (mm) | Height Inch (mm) | Shipping Weight Pound (kg) |
|--------------|------------|----------|-------|-----------|--------------|------------------------------|-------------------------------|------------------|----------------------------|
| 64201 | 1 | 115/60 | 1 | 3,000 CFM | 13 | 33 (838) | 41 (1,041) | 36 (914) | 275 (125) |
| 64699 | 1 | 115/60 | 1 | 3,000 CFM | 13 | 33 (838) | 60 (1,524) | 36 (914) | 285 (129) |
| 64700 | 1 | 115/60 | 1 | 3,000 CFM | 13 | 36 (914) | 72 (1,829) | 36 (914) | 365 (166) |
| 64657 | 1.5 (Dual) | 115/60 | 1 | 7,000 CFM | 15 | 48 (1,219) | 96 (2,438) | 37 (940) | 970 (440) |
| 64205 | 1 | 230/60 | 1 | 3,000 CFM | 7 | 33 (838) | 41 (1,041) | 36 (914) | 275 (125) |
| 64206 | 1 | 230/60 | 1 | 3,000 CFM | 7 | 33 (838) | 60 (1,524) | 36 (914) | 285 (129) |
| 64207 | 1 | 230/60 | 1 | 3,000 CFM | 7 | 36 (914) | 72 (1,829) | 36 (914) | 365 (166) |
| 64208 | 1 | 230/60 | 3 | 3,000 CFM | 4 | 33 (838) | 41 (1,041) | 36 (914) | 275 (125) |
| 64209 | 1 | 230/60 | 3 | 3,000 CFM | 4 | 33 (838) | 60 (1,524) | 36 (914) | 275 (125) |
| 64210 | 1 | 230/60 | 3 | 3,000 CFM | 4 | 36 (914) | 72 (1,829) | 36 (914) | 365 (166) |
| 63208 | 1 | 460/60 | 3 | 3,000 CFM | 2 | 33 (838) | 41 (1,041) | 36 (914) | 275 (125) |
| 63209 | 1 | 460/60 | 3 | 3,000 CFM | 2 | 33 (838) | 60 (1,524) | 36 (914) | 285 (129) |
| 63210 | 1 | 460/60 | 3 | 3,000 CFM | 2 | 36 (914) | 72 (1,829) | 36 (914) | 365 (166) |
| 64493 | 1 | 220/50 | 1 | 3,000 CFM | 13 | 33 (838) | 41 (1,041) | 36 (914) | 275 (125) |
| 64490 | 1 | 220/50 | 1 | 3,000 CFM | 13 | 33 (838) | 60 (1,524) | 36 (914) | 285 (129) |
| 64492 | 1 | 220/50 | 1 | 3,000 CFM | 13 | 36 (914) | 72 (1,829) | 36 (914) | 365 (166) |

Additional Specifications: Sound Level 72 dB(A); 64657 – 75 dB(A)

European Downdraft Sanding Tables

Available in EUROPEAN COUNTRIES ONLY

*For Use with Non-Metallic Surfaces Only.
Eliminates Airborne Dust and Contaminants While Sanding.*

Standard Duty Tables

Model 64202

Working Area of 84 cm x 104 cm (33" x 41")

Model 64203

Working Area of 84 cm x 152 cm (33" x 60")

Model 64204

Working Area of 91 cm x 183 cm (36" x 72")

- Eliminates airborne dust and contaminants while sanding.
- Easy to clean and a very mobile solution for all work areas.
- Ideal for using non-vacuum, central vacuum, or self-generated portable vacuum tools.
- Rhino Linings® coated tabletop surface is durable and anti-slip.
- Dual filtration system – accepts 1-micron pleated paper filters.



Downdraft Table Accessory Pack

Model 22070

- Option sold separately or already mounted on the Downdraft Table.
- The air manifold requires only one incoming airline and has 6 outgoing air plugs from the manifold, allowing up to 6 tools to be connected. No need to disconnect one tool in order to use a second tool, saving operation time.
- The Filter-Regulator-Lubricator (FRL) ensures that uncontaminated air is supplied to motors of pneumatic tools. Lubrication through the air supply reduces friction and wears in components of air motors.
- Includes On/Off air valve, 10681 Filter-Regulator-Lubricator, Air Manifold fitted with four 64689 1/4" air couplers, two 98270 3/8" air couplers, two 22057 vacuum ports, and all fittings and screws required for assembly.



Downdraft Tables Mounted with Accessory Pack

Model 64192 Working Area of 84 cm x 104 cm (33" x 41")

- Downdraft Table 64202 mounted with accessory pack Model 22070.

Model 64193 Working Area of 84 cm x 152 cm (33" x 60")

- Downdraft Table 64203 mounted with accessory pack Model 22070.

Model 64194 Working Area of 91 cm x 183 cm (36" x 72")

- Downdraft Table 64204 mounted with accessory pack Model 22070.

Accessory Pack
Model 22070
Mounted to 64194
Downdraft Table



| Model Number | Motor W | Volts/Hz | Phase | Vacuum Suction | Sound Level | Working Area Width | Working Area Length | Height | Standard Duty Shipping Weight* |
|--------------|----------------|----------|-------|----------------|-------------|--------------------|---------------------|-------------|--------------------------------|
| 64202/64192 | 550 W (.75 hp) | 230/50 | 1 | 1900 CFM | 72 dB(A) | 84 cm (33") | 104 cm (41") | 91 cm (36") | 120 kg (264.5 lb.) |
| 64203/64193 | 550 W (.75 hp) | 230/50 | 1 | 1900 CFM | 72 dB(A) | 84 cm (33") | 152 cm (60") | 91 cm (36") | 130 kg (286.6 lb.) |
| 64204/64194 | 550 W (.75 hp) | 230/50 | 1 | 1900 CFM | 72 dB(A) | 91 cm (36") | 183 cm (72") | 91 cm (36") | 150 kg (330.7 lb.) |

*Shipping weight of Tables with Accessory Pack: 64192 – 125.2 kg (276 lb.); 64193 – 135.2 kg (298 lb.); 64194 – 155.2 kg (342 lb.)

Metal Capture Downdraft Table

Capture Combustible Metal Grinding Particles in Water

Products on this page
not available in Europe.

Ideal for Capturing Aluminum or Titanium Dust.
Utilized in Aircraft & Military Operations, Refineries, Foundries and More.

Meets These NFPA Requirements:

- Interlock Pneumatic Valve with Blower and Time-Delay. Tools operate only when Downdraft Table is running!
- Class II, Group E Explosion-Proof Motor
- Aluminum Top for Non-Spark Work Surface
- Non-Spark Aluminum Blower on Collector's Clean-Air Side
- Automatic Water Level Control
- Vented Sump (Main Tank)
- Low Voltage Control
- Lockable Fused Power Disconnect

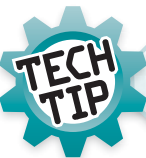


WATCH
Table
at Work!

Features & Benefits:

Models 64400 – 64405

- Working area of 36" wide x 60" long accommodates large work pieces.
- Includes casters for easy maneuvering; casters also lock securely into place.
- Choice of models that direct exhaust down, up, or to the side.
- Overload protection / fused disconnect for safety.
- Sturdy 12-gauge construction.
- Includes shields for both sides and back of table.
- Work piece capacity / load rating of 2,000 pounds.
- 42 gallon capacity; 1,800 CFM at 4" static pressure.
- Easy system maintenance. No paper filters to replace!



Remove the back and side shields to allow use with oversized workpieces.



| Model Number | Motor hp | Volts | Phase | Frequency | CFM | Exhaust Direction | Current Amps | Working Area Width Inch (mm) | Working Area Length Inch (mm) | Height Inch (mm) | Shipping Weight Pound (kg) |
|--------------|----------|-------|-------|-----------|-------|-------------------|--------------|------------------------------|-------------------------------|------------------|----------------------------|
| 64400 | 3 | 230 | 3 | 60 Hz | 1,800 | Down | 6 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |
| 64402 | 3 | 230 | 3 | 60 Hz | 1,800 | Up | 6 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |
| 64404 | 3 | 230 | 3 | 60 Hz | 1,800 | Side | 6 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |
| 64401 | 3 | 460 | 3 | 60 Hz | 1,800 | Down | 3.3 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |
| 64403 | 3 | 460 | 3 | 60 Hz | 1,800 | Up | 3.3 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |
| 64405 | 3 | 460 | 3 | 60 Hz | 1,800 | Side | 3.3 | 36 (914) | 60 (1,524) | 33 (838) | 700 (318) |

Additional Specifications: Sound Level 85 dB(A)

Metal Capture Downdraft Station

Entraps Combustible Filings & Dust in Air/Water Mixing Zone

*Products on this page
not available in Europe.*

Ideal for Capturing Aluminum or Titanium Dust.

Utilized for Aircraft Maintenance, Medical Implants, Foundries and More.

Meets These NFPA Requirements:

- Interlock Pneumatic Valve with Blower and Time-Delay. Tools operate only when Downdraft Table is running!
- Class II, Group E Explosion-Proof Motor
- Aluminum Top for Non-Spark Work Surface
- Non-Spark Aluminum Blower on Collector's Clean-Air Side
- Automatic Water Level Control
- Vented Sump (Main Tank)
- Low Voltage Control
- Lockable Fused Power Disconnect



**WATCH
Station
at Work!**

Features & Benefits:

Models 64300, 64304, 64350, 64354

- Greatly decreases potential flammability of work area, when removing material from volatile substances.
- Models 64300/64304 include working area 18" wide x 36" long.
- Models 64350/64354 include larger working area of 26" wide x 36" long.
- Unique "tabletop" design is available only from Dynabrade!
- Sturdy stainless steel construction, with powder coat finish.
- 25 gallon capacity; 1,000 CFM.
- Overload protection / fused disconnect for safety.
- Requires no tools to access internal compartment.
- Optional side shields are available.
- Easy system maintenance. No paper filters to replace!

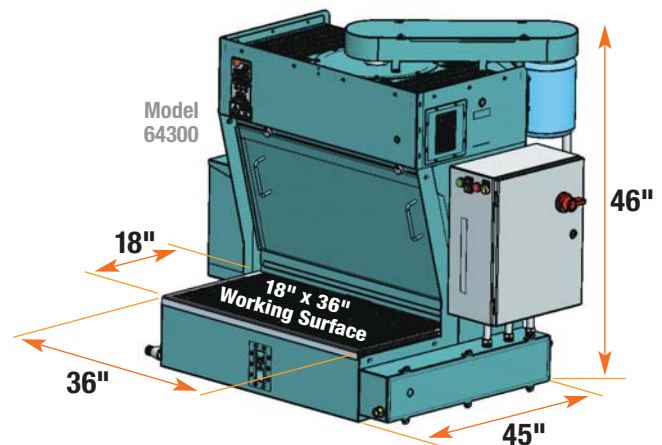
Optional Accessories:

64331 Side Shield Kit

- Increases dust capture when disc grinding.

64330 Front & Side Shield Kit

- Includes clear panel to enclose work zone.



| Model Number | Motor hp | Volts | Phase | Frequency | CFM | Current Amps | Sound Level | Working Area (W x L) Inch (mm) | Shipping Weight Pound (kg) |
|--------------|----------|-------|-------|-----------|-------|--------------|-------------|--------------------------------|----------------------------|
| 64300 | 1 | 230 | 3 | 60 Hz | 1,000 | 3 | 85 dB(A) | 18 x 36 (457 x 914) | 461 (209) |
| 64350 | 1 | 230 | 3 | 60 Hz | 1,000 | 3 | 85 dB(A) | 26 x 36 (660 x 914) | 518 (235) |
| 64304 | 1 | 460 | 3 | 60 Hz | 1,000 | 1.5 | 85 dB(A) | 18 x 36 (457 x 914) | 461 (209) |
| 64354 | 1 | 460 | 3 | 60 Hz | 1,000 | 1.5 | 85 dB(A) | 26 x 36 (660 x 914) | 518 (235) |

Warning Tag

96615 Aluminum Warning Tag

- To be installed on vacuum tools used on aluminum workpieces
- Signals that tool is NOT to be transferred to other work areas
- Easily installs by inserting air inlet through warning tag hole
- Helps enhance workplace safety!



Dust Collection Bags

Including Discontinued Dynabrade Portable Vacuum Systems



| Part No. | Description | For Use With |
|----------|-----------------------|--|
| 50690 | 1-2 Micron (100/case) | 95575 Bag 'n Box System and 54288 Bag 'n Box System |
| 50693 | 1-2 Micron (24/pkg.) | 95575 Bag 'n Box System and 54288 Bag 'n Box System |
| 64682 | 5 Micron (10/pkg.) | Discontinued Models 61300, 61302, 61304, 61306 and 61308 |
| 80076 | 5 Micron (10/pkg.) | Discontinued Models 61301, 61303, 61305, 61307 and 61309 |
| 62004 | 5 Micron (12/pkg.) | Discontinued Model 61500 |

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- **LIFETIME WARRANTY** on **Industrial Air Tools** made in **USA**!
- **SAME-DAY** or **NEXT-DAY** Shipping on most **USA** Orders!
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- **SYSTEMS** Approach for **Complete Solutions**!
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 - **Complete Service & Repair Program**



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