

UNIFIRE

MANUFACTURERS OF HIGH PERFORMANCE EQUIPMENT

* Light option available on model DS-3P4-L



FEATURES

- Stainless Steel Wrap-Around Frame
- Patented Friction-Lock Tilt Lever
- Reliable Honda Engines
- Direct Drive Blade
- Shatter-Proof Unitron Blade
- Stand-Alone Operation
- Open Shroud Design
- Compartment Size
- Able to be tilted from -10° to +20° and any position in between.



Unifire, DS-Series fans feature stainless-steel full-wrap frames that protect the fan from virtually any angle. The fans are stand-alone operational, allowing one more rescue personnel to assist with the rescue needs than simply watching the fan. With the open-shroud and specially angled fan blades, Unifire fans are able to be placed closer to the opening than closed-shroud fans greatly decreasing cross-wind variables, that diminish the usefulness of a PPV fan. The open-shroud design allows for up to 20% more air flow than a closed shroud fan.

DS-SERIES PPV FAN SPECIFICATIONS

| Model No. | CFM / Output | Power | Dimensions* | Prop Size | Dry Weight |
|-----------------------|--------------|--------|-------------------|---------------|------------|
| DS-3 | 8,000 | 4 HP | 21.5" X 20" X 17" | 18" / 2-Blade | 53 lbs. |
| DS-3P4 | 14,885 | 5.5 HP | 23" X 23" X 17" | 18" / 4-Blade | 66 lbs. |
| DS-3P4-L ¹ | 14,885 | 5.5 HP | 23" X 23" X 17" | 18" / 4-Blade | 70 lbs. |
| DS-9P4 | 17,500 | 9 HP | 26" X 23" X 21" | 20" / 4-Blade | 100 lbs. |
| DS-13 | 22,000 | 13 HP | 30" X 28" X 24" | 24" / 4-Blade | 129 lbs. |

¹ Fan is equipped with a smoke cutting light that is battery powered and recharged from the motor.

* All dimensions are stated as H X W X D.

DS-SERIES ACCESSORIES

| Model No. | Description |
|-----------|---|
| K-H2O | Water-Mist Kit for DS-Series PPV |
| H2O-RING | Universal Water-Mist Ring Kit |
| RFS | Rubber Feet for PPV Fan Below 9 HP |
| RFH | Rubber Feet for PPV Fan 9 HP or Above |
| EXH-2 | Exhaust Extension Tube for All Gas PPV Fans Up to 6.5 HP |
| EXH-3 | Clean Air Muffler Conversion, Drops CO by Up To 90% (Available for 5.5 and 6.5 HP models) |
| WHL-GRAY | Front gray wheels that can be mounted to the DS Frames |
| HNDL | 35" Extendable Handle Assembly |
| UF20-15 | 20" X 15' Reinforced Vinyl Polyester Ducting |
| UF20-25 | 20" X 25' Reinforced Vinyl Polyester Ducting |
| UF22-15 | 22" X 15' Reinforced Vinyl Polyester Ducting |
| UF22-25 | 22" X 25' Reinforced Vinyl Polyester Ducting |

PATENTED WATER MIST SYSTEMS FOR FIRE FIGHTING AND REHAB

The system breaks down a droplet of water into 200 microns. The broken down water droplets provide a heavier concentration of airflow, allowing a quicker pressurization and faster removal of heat, smoke and toxic gases. This system also minimizes the use of water, rapidly reduces fuel temperature and inhibits flame expansion.



HOW HEAT CAN EFFECT YOUR WORKERS

| Effective Temperature | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-----------------------|-----|-----|-----|------|------|------|------|
| Loss in work output | 3% | 8% | 18% | 29% | 45% | 62% | 79% |
| Loss in Accuracy | - | 5% | 40% | 300% | 700% | - | - |

DST-Series PPV Fans



* Light option available on model DST-3P4-L

FEATURES

- Stainless Steel Wrap-Around Frame
- Patented Friction-Lock Tilt Lever
- Reliable Honda Engines
- Direct Drive Blade
- Shatter-Proof Unitron Blade
- Stand-Alone Operation
- Open Shroud Design
- Compartment Size
- Solid Rubber Tires
- Extendable Handle
- Able to be tilted from -10° to +20° and any position in between.

Unifire, DST-Series fans feature stainless-steel full-wrap frames, large wheels and tires that react to vibration like a pneumatic tire but are solid rubber. The fans are stand-alone operational, allowing one more rescue personnel to assist with the rescue needs than simply watching the fan. The open shroud allows the fan to be placed closer to the entrance, greatly diminishing the effects of crosswinds. The open-shroud design allows for up to 20% more air flow than a closed shroud fan.

DST-SERIES PPV FAN SPECIFICATIONS

| Model No. | CFM / Output | Power | Dimensions* | Prop Size | Dry Weight |
|--------------------------|--------------|--------|-------------------|---------------|------------|
| DSTS-3P4-5 | 14,800 | 5 HP | 22" X 21" X 17" | 18" / 4-Blade | 73 lbs. |
| DST-3P4 | 14,885 | 5.5 HP | 23" X 23" X 21.5" | 18" / 4-Blade | 81 lbs. |
| DST-3P4-L ¹ | 14,885 | 5.5 HP | 23" X 23" X 21.5" | 18" / 4-Blade | 85 lbs. |
| DDST-3P4 ² | 14,885 | 5.5 HP | 23" X 23" X 21.5" | 18" / 4-Blade | 82 lbs. |
| DST-3P4-6.5 | 17,000 | 6.5 HP | 23" X 23" X 21.5" | 18" / 4-Blade | 91 lbs. |
| DST-9P4 | 17,500 | 9 HP | 26" X 23" X 21" | 20" / 4-Blade | 100 lbs. |
| DST-13 | 22,000 | 13 HP | 30" X 28" X 24" | 24" / 4-Blade | 129 lbs. |
| FFH-DST-3P4 ³ | 15,500 | 4.7 HP | 25" X 23" X 21.5" | 18" / 4-Blade | 110 lbs. |

¹ Fan is equipped with a smoke cutting light that is battery powered and recharged from the motor.

² Fan is equipped with a Dallas Step, this step assists the user in tilting and moving the fan.

³ Fan is equipped with a diesel powered Tecumseh engine.

* All dimensions are stated as H X W X D.T

DS-SERIES ACCESSORIES

| Model No. | Description |
|-----------|---|
| K-H20-DST | Water-Mist Kit for DS-Series PPV |
| H20-RING | Universal Water-Mist Ring Kit |
| RFS | Rubber Feet for PPV Fan Below 9 HP |
| RFH | Rubber Feet for PPV Fan 9 HP or Above |
| EXH-2 | Exhaust Extension Tube for All Gas PPV Fans Up to 6.5 HP |
| EXH-3 | Clean Air Muffler Conversion, Drops CO by Up To 90% (Available for 5.5 and 6.5 HP models) |
| UF20-15 | 20" X 15' Reinforced Vinyl Polyester Ducting |
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PATENTED WATER MIST SYSTEMS FOR FIRE FIGHTING AND REHAB

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FEATURES

- Various Frame Styles and Sizes Available
- Patented Friction-Lock Tilt Lever
- Reliable Electric Engines
- Direct Drive Blade
- Shatter-Proof Unitron Blade
- Stand-Alone Operation
- Open Shroud Design
- No CO Output



The Unifire Electric PPV Fans feature high performance electric motors that deliver high RPM directly to the fan prop and allow the electric PPV fans to create as much air movement as gas powered fans. Unifire electric PPV fans are able to be equipped with the DS, DST, or DU-All frame styles. The DU-ALL frame style allows the fan to be positioned in any 360 degree position, allowing the fan to blow either straight down into a manhole, straight

ELECTRIC SERIES PPV FAN SPECIFICATIONS

| Model No. | CFM / Output | Power | Dimensions* | Prop Size | Dry Weight* |
|---------------------|--------------|--------|-----------------|---------------|-------------|
| E18SP ¹ | 12,000 | 2 HP | 21" X 21" X 18" | 18" / 2-Blade | 85 lbs. |
| E18P4 ¹ | 22,000 | 5 HP | 23" X 23" X 19" | 18" / 4-Blade | 88 lbs. |
| EB18SP ² | 12,000 | 1 ¼ HP | 21" X 21" X 19" | 18" / 2-Blade | 90 lbs. |
| EX18SP ³ | 12,000 | 2 HP | 23" X 23" X 19" | 18" / 2-Blade | 110 lbs. |

¹ Standard On/Off Controls.

² Variable Speed Controls.

³ Explosion Proof, with Standard On/Off Controls.

* All dimensions are stated as H X W X D. All dimensions and weights taken with DS Series frame.

** All electric fans are available in DS, DST, or DU-ALL style frames.

ELECTRIC SERIES ACCESSORIES

| Model No. | Description |
|-----------|--|
| K-H20 | Water-Mist Kit for DS-Series PPV |
| H20-RING | Universal Water-Mist Ring Kit |
| RFS | Rubber Feet for PPV Fan Below 9 HP |
| RFH | Rubber Feet for PPV Fan 9 HP or Above |
| WHL-GRAY | Front gray wheels that can be mounted to the DS Frames |
| HNDL | 35" Extendable Handle Assembly |
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FEATURES

- 16-gauge cold rolls steel housing
- 4-blade impeller
- Interchangeable intake and output flange
- Integrated Carry Handles
- Stackable with other units

SMOKE EJECTOR MODELS AND SPECIFICATIONS

| Model No. | HP | Max RPM | Fan Diameter | Cord | Plug | Free Air Output | Dimensions | Weight |
|-------------------------|-----|---------|--------------|---|--|-----------------|------------------------------|---------|
| UF-9515 ¹ | 1/2 | 3450 | 16" | 6.5', 12/3 AWG, 7.2 A/115V | NEMA 5-15 (Grounded Three-Prong) | 3400 CFM | 14" x 18" x 18" L x W x H | 47 lbs. |
| UF-9515-E ^{1#} | 1/2 | 1425 | 16" | 6.5', 12/3 AWG, 7.2A / 115V | NEMA 5-15 (Grounded Three-Prong) | 3400 CFM | 14" x 18" x 18" L x W x H | 47 lbs. |
| UF-9516 ² | 2 | 3450 | 16" | 12', 12/3 AWG 22.8A / 115V 11.4A / 220V | NEMA 5-30P or NEMA 6-30P (Twist lock Type) | 5500 CFM | 14" x 18" x 18" L x W x H | 74 lbs. |

¹ Models are 115V only.

² Models are available in 115V or 220V. Please specify 115V or 220V models when ordering. 115V model requires dedicated 30 amp outlet.

Explosion Proof

CONFINED SPACE BLOWER DUCTING AND ACCESSORIES

| Item No. | Description |
|--------------|---|
| UF-9600-15 | 16" Diameter Ducting, 15 Feet Length |
| UF-9600-25 | 16" Diameter Ducting, 25 Feet Length |
| UF-9600-15EX | 16" Diameter Ducting, 25 Feet Length, Statically Conductive |
| UF-9600-25EX | 16" Diameter Ducting, 25 Feet Length, Statically Conductive |
| UF-9600-36 | 16" Diameter Duct Storage Rack |
| UF-9600-50 | Adapter / Reducer, 16" to 8" Diameter |
| UF-9540 | Ground Fault Interrupter |
| UF-9600-01 | 16" Duct to Duct Ring Conductor |

STANDARD CONFINED SPACE BLOWER DUCTING

Standard ducting for these blowers are made of a single-ply, lightweight, reinforced vinyl/polyester, with a 180° F temperature resistant PVC coating. The ducting features a non-collapsible retractable design with class 1 hard drawn spring steel wire helix. The ducting is yellow with black wear-strips and integrated nylon attachment strap.

HAZARDOUS LOCATION RATINGS FOR UF-9515-E MODEL BLOWERS

| | |
|------------------|------------------|
| Class: I | Class: II |
| Divisions: 1 & 2 | Divisions: 1 & 2 |
| Groups: D | Groups: F & G |

Hazardous location ducting included with UF-9515-E and is made of black single-ply, lightweight vinyl/polyester, coated with neoprene 250° F, temperature resistant. The ducting is a non-collapsible retractable design with Class 1 hard drawn spring steel wire helix.

FEATURES

- Low Vibe System
- Air Injection Centrifugal Air Cleaning System
- Smart Start Decompression
- Stainless Steel Muffler Guard
- 2-Stage Air Filtration System
- Pure Foam Air Filter
- Replaceable Sprocket-Nosed Guide Bar
- Inertia Activated Chain Brake
- Insulated Full Wrap Handle
- Combined Choke & Throttle-Lock
- Side, Chain Tensioning System
- Automatic Adjustable Oiler



**Shown with optional depth gauge*

Univent saws are built from the ground up to withstand the most extreme conditions. They feature an air injected engine, pure-foam air cleaner, high-performance carburetor, stainless-steel muffler-guard plate, solid bar with replaceable tip, and Carbide Chain of America chains. The chains and bar have been specially designed for a more secure connection to significantly diminish side-to-side chain motion and standard anti-kickback features to create a much safer cutting tool.

SAW MODELS

| Model No. | Description |
|---------------------|--|
| PS-16-SB | 16" Pro-Saw with Sabretooth Carbide-Tipped Chain |
| PS-16COBRA55 | 16" Pro-Saw with Cobra Carbide-Tipped Chain |
| PS-16DG-SB | 16" Pro-Saw with Sabretooth Carbide-Tipped Chain and Spring-Loaded Depth Gauge |
| PS-16DGCOBRA | 16" Pro-Saw with Cobra Carbide-Tipped Chain and Spring-Loaded Depth Gauge |
| PS-20-SB | 20" Pro-Saw with Sabretooth Carbide-Tipped Chain |
| PS-20COBRA55 | 20" Pro-Saw with Cobra Carbide-Tipped Chain |
| PS-20DG-SB | 20" Pro-Saw with Sabretooth Carbide-Tipped Chain and Spring-Loaded Depth Gauge |
| PS-20DGCOBRA | 20" Pro-Saw with Cobra Carbide-Tipped Chain and Spring-Loaded Depth Gauge |

SPECIFICATIONS

| | |
|-------------------------------|--|
| Cylinder Displacement: | 4.48 Cubic Inch / 73.5 CC |
| Horsepower: | 6.5 |
| Noise Level: | 104 dB(A) |
| Fuel Tank Volume: | 1.48 US Pint |
| Oil Tank Volume: | 0.78 US Pint |
| No-Load RPM: | 13,500 |
| Weight: | 13.4 lbs.* <small>*Weight measured without bar or chain</small> |
| Chain Pitch: | .404" |
| Chain Gauge: | .063" |

Carbide Tipped Chainsaw Chain



Available Exclusively through Unifire Authorized Dealers



The Sabretooth Carbide Tipped Chain is designed to cut through virtually any material fire fighters run into on scene, tin roofing, wood, nails, roll up doors, etc. The patented design allows the chain to cut through much harder material than other carbide tipped chains, faster and for longer periods.

***Recommended for standard fire department ventilation and cutting light industrial/residential building materials. Can also be used for wildland applications.**

Guaranteed to stay sharper longer than any other carbide chain, PERIOD.

Carbide Chain of America chains are manufactured to be the most robust, longest lasting chains you will ever use. From the chassis to the teeth, every detail has been designed to provide you with the best product available.

FEATURES

- Anti-Kickback Safety-Link
- Heavy-Duty .404 .063 Chassis
- Specially designed carbide, stays sharper longer
- Self-Cleaning Double Raker and Edge Protection Sytem
- High-Heat Silver Solder
- Extreme Impact Carbide Blend
- Impact Resistant Chassis



The Cobra Carbide Tipped Chain is designed to cut through harder materials than the Sabretooth. With a tooth on each link, the chain cuts in a filing motion instead of a ripping and tearing motion. This filing motion allows the Cobra Chain to cut through industrial grade roll-up doors and commercial/industrial building materials.

***Recommended for cutting harder materials such as metal buildings, roll-up doors, nails, etc.**

FEATURES

- Tooth on Every Link
- Heavy-Duty .404 .063 Chassis
- Specially designed carbide, stays sharper longer
- High-Heat Silver Solder
- Extreme Impact Carbide Blend
- Impact Resistant Chassis

CARBIDE TIPPED CHAINS AND BARS

| Model No. | Description |
|-----------|---|
| 55SB | 16" Sabretooth Carbide Tipped Chain .404 pitch, .063 gauge |
| 66SB | 20" Sabretooth Carbide Tipped Chain .404 pitch, .063 gauge |
| 55COBRA | 16" Cobra Carbide Tipped Chain .404 pitch, .063 gauge |
| 66COBRA | 20" Cobra Carbide Tipped Chain .404 pitch, .063 gauge |
| SNGB-16 | 16" Sprocket Nose |
| SNGB-20 | 20" Sprocket Nose |
| DG-16 | Spring Loaded Depth Gauge, For 16" Chainsaw Bar |
| DG-20 | Spring Loaded Depth Gauge, For 20" Chainsaw Bar |

SAW ACCESSORIES

| Model No. | Description |
|-----------|--|
| LGHT | Chainsaw Flashlight |
| BRKT | Chainsaw Flashlight, Bracket |
| Strap | Carry Strap |
| TK | Tool Kit |
| HYTAC | 1 Gallon Container of Bar Oil |
| 2-6PAC | 2 Cycle Oil, 2.6 oz. Bottle. |
| AF | Replacement Air Filter |
| VSC | Diamond Plated Ventilation Saw Case |
| VSC-KIT* | Ventilation Saw Kit <i>*Includes: 6 Pack of 2-Cycle Oil, 1 Gallon of Bar Oil, Bar Scabbard, Eye & Hearing Protection, Tool Kit, and Diamond Plated Case</i> |

FAVORITE SAWS AMONG PROFESSIONAL ARBORISTS.

Univent wildland saws feature a compact and light design for easy maneuverability through rough terrain. Though they are small in size, they produce plenty of power for clearing lumber, underbrush, and debris. Univent Wildland saws are the perfect tool for the wildland fire fighter.

PS-WF3012



PS-WF3914



SPECIFICATIONS

Item No.: PS-WF3012
Displacement: 30.1 cc (1.84 cu. in.)
Power: 1.6 HP
Bar Length: 12"
Chain Size: 3/8" Pitch X .050" Gauge
Oil Pump: Automatic
Fuel Tank Capacity: 4.3 Fl. Oz.
Bar Oil Tank Capacity: 7.7 Fl. Oz.
Weight¹: 7.5 lbs.
Fuel & Oil Mix: 50:1

SPECIFICATIONS

Item No.: PS-WF3914
Displacement: 39 cc
Power: 2.3 HP
Bar Length: 14"
Chain Size: 3/8" Pitch X .050" Gauge
Oil Pump: Adjustable Flow
Fuel Tank Capacity: 0.72 US Pint
Bar Oil Tank Capacity: 0.32 US Pint
Weight¹: 7.7 lbs.
Fuel and Oil Mix: 50:1

Features

- Lightweight and easy to use
- High performance engine protected by two-stage sponge and nylon air filter
- High chain speed
- Easy access filter cover, no tools required
- Excellent power to weight ratio
- Inertia activated brake
- Top Handle Saw for More Control

Features

- Easily to maneuver
- Less filter cleanings with air injection
- Low vibration system
- Maximum Durability for tough applications
- Padded Handles
- Top Handle Saw for More Control

Wildland Chainsaws

The perfect power to weight ratio for ground and general debris clearing. Light and maneuverable yet rugged and designed with optimal safety features. These proven saws are widely used in forestry and wildland applications. For years these saws were hand selected out of many saws for their durability, reliability, ease of use and power to weight ratio.

PS-WF6024



SPECIFICATIONS

| | |
|-------------------------------|--------------------------|
| Item No.: | PS-WF6024 |
| Displacement: | 60.3 cc |
| Power: | 3.7 HP |
| Bar Length: | 24" |
| Chain Size: | 3/8" Pitch X .050" Gauge |
| Oil Pump: | Adjustable Flow |
| Fuel Tank Capacity: | 0.9 US Pint |
| Bar Oil Tank Capacity: | 0.7 US Pint |
| Weight¹: | 12.8 lbs. |
| Fuel & Oil Mix: | 50:1 |

Features

- Quick and easy chain adjustment
- Maximum durability for tough applications
- Ergonomic grip with angled front handle
- Eco-pump, no chain oil lubrication during idle
- Air injected

PS-WF8024



SPECIFICATIONS

| | |
|-------------------------------|--------------------------|
| Item No.: | PS-WF8024 |
| Displacement: | 80.7 cc (4.9 cu. in.) |
| Power: | 6.0 HP |
| Bar Length: | 24" |
| Chain Size: | 3/8" Pitch X .050" Gauge |
| Oil Pump: | Automatic/Adjustable |
| Fuel Tank Capacity: | 14.9 Fl. Oz. |
| Bar Oil Tank Capacity: | 29.8 Fl. Oz. |
| Weight¹: | 15.6 lbs. |
| Fuel & Oil Mix: | 50:1 |

Features

- Extreme linear torque at all engine speeds for high performance in all conditions
- Three-piece crankshaft, forged connecting rod, and piston with two rings for long life and more compressions
- Cylinder with decompression valve to ensure smooth and easy starting
- Easy access filter cover, no tools required
- Vibration reducing system with two springs and four rubber mounts for increased operator comfort

Designed for Professional Use

The fastest way to clear brush in a wildland fire situation. These ergonomical brush cutters are powerful and able to cut up to a 6" diameter tree and get in the hard to reach places.

FEATURES

- Adjustable Handle Bar
- Easy Blade Switch
- X-Torq Engine
- Balance XT
- Optimized Blade Angle
- Thumb-Operated Throttle
- Ergonomic Design



The Unifire **UF-WF38533** and **UF-WF27430** are a user-friendly forestry clearing saw with high performance and unique ergonomic solutions. Shaft length and 24 degree cutterhead simplifies directional felling. The powerful X-Torq® engine allows for rapid acceleration, reduced emissions and low fuel consumption. The handlebar is angled 7 degrees for better posture during cutting. The thumb throttle control is designed for comfortable use over a long period of time. LowVib® improves ergonomics thanks to vibration dampening of the engine, drive shaft and cutting equipment. Easy-to-start with Smart Start decompression valve. Delivered with Trio-Balance harness and 22- tooth wood cutting blade.

WILDLAND GROUND CLEARING SAW SPECIFICATIONS

| Model No. | Cylinder Displacement | Power | Maximum Speed | Drive Gear Angle | Weight* |
|-------------------|-----------------------|--------|---------------|------------------|------------|
| UF-WF27430 | 43 CC | 2.7HP | 9600 RPM | 24° | 17.56 lbs. |
| UF-WF38533 | 53.3 CC | 3.8 HP | 9000 RPM | 24° | 19.6 lbs. |

*Weight taken without cutting equipment

More Features of Unifire Ground Clearing Saws

- Low Vibration System to minimize user fatigue.
- Superior exhaust emissions with our electronic engine technology. This system creates more power while significantly reducing emissions.
- Air Purge button for removing air from the fuel lines.
- Ergonomic handlebar angles to aid in comfort and to provide a superior grip to the user.
- Adjustable handlebar and handle to aid in the ergonomic design of the tool, the user is able to angle the tool to their desired position.
- Thumb-Operated Throttle
- With a high offset post the worker is given freedom of movement with working in slopes.



Comes standard with dual-balance stabilizing harness for easy mobility.

Portable Capstan Winch



FEATURES

- Portable
- Powerful, up to 4400 lb of pulling power
- Lightweight
- Up to 4 times faster than electric winches
- Anchors to anything
- Continuous usage
- Unlimited rope length
- Honda Reliability

SPECIFICATIONS

| | |
|--------------------------|--|
| Pulling Capacity: | Single Line: 2200 lbs. Double Line: 4400 lbs. |
| Gear Box: | Aluminum Alloy Gear Ratio: 110:1 |
| Weight: | 35 lbs. |
| Engine: | 4-Stroke Honda™ GXH-50 CC |
| Dimensions: | 13" X 14" X 15" W X H X D |
| Warranty: | 5 Year Honda Warranty on Engine |
| Rope: | Min. 3/8" (10mm) Max. 5/8" (16mm) <i>Low Stretch Double-Braided Polyester</i> |
| Performance: | Standard Drum: 40 ft. per min. 2200 lbs. max Optional Drum: 60 ft. per min. 1400 lbs. max |

WINCH MODEL NUMBERS AND ACCESSORIES

| Model No. | Description |
|--------------------|--|
| UFPCW-5000 | Gas Powered Portable Capstan Winch with safety hooks and anchor sling *COMPLETE KITS AVAILABLE* |
| Accessories | |
| UFPCA-1100 | Optional Capstan Drum, Increase drum diameter from 2-1/4" to 3-3/8" |
| UFPCA-1252 | Medium Rope Bag, Holds 164 Ft. of 1/2" Rope with Shoulder Strap |
| UFPCA-1255 | Medium Rope Bag, Holds 164 Ft. of 1/2" Rope |
| UFPCA-1256 | Large Rope Bag, Holds 328 Ft. of 1/2" Rope |
| UFPCA-1257* | X-Large Rope Bag, Holds 492 Ft. of 1/2" Rope |
| UFPCA-1258 | Polyester Sling, 2" X 10' |
| UFPCA-1259* | Polyester Sling, 2" X 8' |
| UFPCA-1260 | Polyester Sling, 2" X 10' |
| UFPCA-1261 | Hitch Plate Winch Anchor, Fits Towing balls up to 2" In Diameter |
| UFPCA-1262* | Receiver Hitch Winch Anchor, Fits 2" Square Tubing |
| UFPCA-1263 | Tree/Pole Mount with Rubber Pads, Anchor Strap, 3" X 9.8', Works with PCA-1262 |
| UFPCA-1271 | Self Blocking Aluminum Pulley With Swing Sides 1 Sheave, 2-3/8" Diameter |
| UFPCA-1272 | Self blocking Aluminum Pulley Wiith Swing Sides 2 Sheave, 3" Diameter |
| UFPCA-1274* | Swing-Side Snatch block, 4" Diameter Aluminum Sheaves with Stainless Steel Sides |
| UFPCA-1273* | Double Singe Side Snatch block, 2 X 4" Diameter Aluminum Sheaves with Stainless Steel Sides |
| UFPCA-1280 | Grab Hook, 5/16" |
| UFPCA-1282 | Grab Hook, 5/16" with Latch and 3 Chain Lengths |



Custom Kits Available

*Recommended accessories

FEATURES

- Low Vibe System
- Air Injected Air Cleaning System
- Smart Start Decompression
- Billet Aluminum D-Ring Handle
- Molybdenum Impregnated Cylinders and Rings
- Tool Kit Included



The PRO-SAW/CUT-OFF Saw can cut virtually any material - brick, concrete, wood, steel, etc. The perfect fire service saw. Ergonomically designed to work in confined spaces. Light weight and powerful for safe and easy operation. Built tough to meet your extreme demands.

CIRCULAR-RESCUE SAW MODELS AND SPECIFICATIONS

| Model No. | Blade Diameter | Cutting Depth | Power | Displacement | Dry Weight |
|------------|----------------|---------------|--------|--------------|------------|
| PS-COS12 | 12" | 4" | 5.6 HP | 74 CC | 21.4 lbs. |
| PS-COS14 | 14" | 5" | 5.6 HP | 74 CC | 22.5 lbs. |
| PS-COS1464 | 14" | 5" | 6.4 HP | 94 CC | 22.7 lbs. |
| PS-COS1664 | 16" | 6" | 6.4 HP | 94 CC | 24.7 lbs. |
| PS-COS1479 | 14" | 5" | 7.9 HP | 119 CC | 30.2 lbs. |
| PS-COS1679 | 16" | 6" | 7.9 HP | 119 CC | 32.2 lbs. |

CIRCULAR SAW ACCESSORIES

| Item No. | Description |
|--------------|--|
| STRAP | Carry Strap |
| PWP473 | Battery Powered Portable Water Pump |
| TK | Tool Kit |
| 2-6PAC | 2 Cycle Oil, 2.6 oz. Bottle. |
| VSC-COS | Diamond Plated Circular Saw Case |
| VSC-COS-KIT* | Ventilation Saw Kit *Includes: 6 Pack of 2-Cycle Oil, Eye & Hearing Protection, Tool Kit, and Diamond Plated Case |



Optional, Battery Powered Portable Water Pump
Item No. PWP473

Circular Rescue Saw Blades



The Original U.S.A.R. Concrete/Metal Cutting Blade



This is the diamond blade that rescue teams have been waiting for. It cuts through steel, concrete, and iron with incredible speed. Steel core design with special heat-reducing holes with no reduction of cutting depth.
Cuts wet or dry.



P/N
USAR-12
USAR-14

Description
12" U.S.A.R. Diamond Blade
14" U.S.A.R. Diamond Blade

Premium Diamond Blade



These premium blades are made of some of the hardest diamonds available. High quality diamonds equate to an extremely long-lasting blade life.

P/N
GA-300-12
GA-300-14
GA-300-16

Description
12" Premium Diamond Blade
14" Premium Diamond Blade
16" Premium Diamond Blade

Don't be fooled by imitators. This is the original USAR Blade.

Diamond Multipurpose Rescue Blade



This blade features diamond segments with special grooves that allow the blade to cut through softer materials (wood) more efficiently while keeping strength for cutting through harder materials (concrete, metal, reinforced concrete). Vacuum bonded diamonds on side of blade help reduce binding.

P/N
VBDB-12
VBDB-14

Description
12" Vacuum Bonded Diamond Blade
14" Vacuum Bonded Diamond Blade

Uni-Cut Blade



The Uni-Cut blade is specially designed, segmented carbide matrix blade that is primarily used for ventilation, forcible entry, rescue, and demolition crews. The unique design does not need sharpening - simply reverse the rotation of the blade and continue cutting.

P/N
UC-12
UC-14
UC-16

Description
12" Uni-Cut Carbide Blade
14" Uni-Cut Carbide Blade
16" Uni-Cut Carbide Blade

The Rescue Blade

Our Most Popular Roof Blade!



A carbide chip blade designed for use in a multitude of different applications including roofing, drywall, plastics, sheet metal, tires, rail ties, and much more. Excellent choice for fire and rescue work.

P/N
12RB12
12RB24
14RB

Description
12" Rescue Blade (12 Tooth)
12" Rescue Blade (24 Tooth)
14" Rescue Blade (24 Tooth)

The Multi-Purpose Blade



"The blade that does it all!"
Metal - medium steel, iron, tin, copper, brass, aluminum, angle iron, pipe, tubing, etc.
Wood - solid, veneer, plywood, nail embedded wood, etc.
Plastics - tubes, laminates, pipe, bullet-proof glass, lexan, etc.

P/N
MPB-12
MPB-14

Description
12" Multi-Purpose Blade
14" Multi-Purpose Blade

The Metal Cutting Blade



The strongest abrasive blades available. Like the masonry blade, the metal cutting blades are made of the highest quality abrasive grain, fiberglass, resins, etc and are produced for the best mix of cutting speed and wear resistance. Good for metal, aluminum, ductile, iron/steel, etc.

P/N
12MCB
14MCB
16MCB

Description
12" Metal Blade
14" Metal Blade
16" Metal Blade

The Masonry Blade



The strongest abrasive blades available. Made of the highest quality abrasive grain, fiberglass, resins, etc. Our blades are produced for the best mix of cutting speed and wear resistance. Good for concrete, asphalt, brick, stone, etc.

P/N
12MB
14MB
16MB

Description
12" Masonry Blade
14" Masonry Blade
16" Masonry Blade



FEATURES

- Cuts steel as easily as cutting plywood
- Cuts most building materials effortlessly
- Specially designed cover collects chips & sparks
- Five times faster and cleaner than other saws
- Spindle lock for fast, easy blade changes
- Retractable blade guard for extra safety
- Removable cutting guide w/blade guiding arrows
- 2" depth of cut with adjustable angles up to 45°
- Overload switch



Recommended for forcible entry, structural collapse, and confined space.

A MUST-HAVE TOOL FOR EVERY FIRE ENGINE!

The T-Rex Metal Cutting Saw is the next generation of forcible entry, extrication, and collapse rescue saws. With the added features of a chip-collecting compartment, the T-Rex saw is safer than many other saws and as easy to use as the circular saw in your shop. The T-Rex is the most incredible metal cutting tool of the decade.

SPECIFICATIONS

- Item No.:** T-REX7
- Wattage:** 1200
- Voltage:** 115
- Dimensions:** 16" X 11" X 9.5"
- Blade Diameter:** 7"
- Arbor Size:** 20 mm
- Weight:** 13 lbs.
- Accessories Included:** Case and Tool Kit

Mild Steel Blade Life

| Material | Size | Number of Cuts |
|-------------|-----------------|----------------|
| Angle Steel | 2" X 2" X 1/4" | 300 Cuts* |
| Square Tube | 2" X 2" X 3/16" | 300 Cuts* |
| Round Pipe | 2" X 1/4" | 150 Cuts* |
| Plate Steel | 1/4" | 200 Feet* |

*Approximate Number of Cuts

7" T-REX SAW BLADES



Mild Steel Blade
P/N: UF-BL07

Cuts most mild steel as easily as cutting plywood.



Aluminum Blade
P/N: UF-BLALM7

Used for a wide variety of aluminum cutting. Provides superior life and is resistant to loading.



Stainless Steel Blade
P/N: UF-BLSS7

Used for cutting stainless steel, boron, titanium, impact bars and panels.

9" T-Rex Metal Cutting Saw



Recommended for auto extrication.

| P/N | Watts | Volts | Dimensions | Blade Arbor | Weight |
|--------|-------|-------|-------------------|-------------|---------|
| T-REX9 | 1750 | 120 | 13.4"X13.4"X18.4" | 9" 20 mm | 21 lbs. |

A MUST FOR EVERY FIRE ENGINE!

This advancement in engineering features a 3.25" metal cutting depth and a bevel angle up to 45°. This amazing innovation leaves cuts cool to the touch while collecting all burrs and shards in the side of the case. This advanced tool comes also with one mild steel saw blade, one carrying/storage case, all tools needed for blade replacement and maintenance. Comes with built in LED light.

9" T-REX SAW BLADES



Mild Steel Blade

P/N: UF-BL09

Cuts most mild steel as easily as cutting plywood.



Aluminum Blade

P/N: UF-BLALM9

Used for a wide variety of aluminum cutting. Provides superior life and is resistant to loading.



Stainless Steel Blade

P/N: UF-BLSS9

Used for cutting stainless steel, boron, titanium, impact bars and panels.

FEATURES

- Cuts steel as easily as cutting plywood
- Cuts most building materials effortlessly
- Specially designed cover collects chips & sparks
- Five times faster and cleaner than other saws
- Spindle lock for fast, easy blade changes
- Retractable blade guard for extra safety
- Laser cutting guide
- 3.25" depth of cut with adjustable angles up to 45°
- Overload switch

FEATURES

- Safe to operate, no rotational kickback
- Wet-cut only
- Cuts reinforced concrete, masonry, block and stone
- Cuts through wall from one side
- Makes square cuts with no overcuts
- Can plunge cut as small as 4½" X 4½"



Specifically designed for cutting concrete, these saws are ideal for the collapse rescue industry. Featuring a robust engine, wet kit, and diamond chain, you will find that cutting through thick concrete and masonry is quick and easy. Unlike circular saws, the size of the bar dictates the depth you are able to cut. No more having to overlap corners in your cut.

DIAMOND TIPPED CHAIN SAW MODELS AND SPECIFICATIONS

| Model No. | Blade Diameter | Power | Displacement | Dry Weight ¹ |
|--------------|----------------|--------|--------------|-------------------------|
| UF-ICS12-680 | 12" | 5.7 HP | 80 CC | 21 lbs. |
| UF-ICS14-680 | 14" | 5.7 HP | 80 CC | 21 lbs. |
| UF-ICS14-633 | 14" | 6.5 HP | 101 CC | 28 lbs. |
| UF-ICS16-633 | 16" | 6.4 HP | 101 CC | 28 lbs. |

¹ Dry weight is taken with bar and chain.



Coring Drills and Collapse Rescue



UF-50 GAS POWERED CORING DRILL

This high-speed coring drill is ideal for drilling through multiple materials and for rescue applications. The UF-50 core drill comes standard with a wet kit so it is suited for a variety of coring and rescue situations



Optional, Battery Powered Portable Water Pump
Item No. PWP473



FEATURES

- Quickly creates holes for search and rescue
- Drills holes in concrete, reinforced concrete, and wood
- Water attachment included
- Easily change bits for every application
- Powerful enough to drill up to six inch diameter holes.

Kits available

SPECIFICATIONS

Model No.: UF-50
Power: 2.1 HP
Displacement: 50.2 CC
Weight: 20 lbs.

CORING DRILL ACCESSORIES

| Model No. | Description |
|-----------|--|
| UF2BD | Coring Bit, Wood Cutting, Carbide tipped, 2" Diameter |
| UF-C2 | Diamond Tipped Bit, 2" Diameter |
| PWP473 | Battery Powered Portable Water Can |
| WC | Water Can |
| UF-50MKIT | UF-50 Core Drill Kit <i>Includes: UF-40 Core Drill w/Water Adapter, (2) 2" Diamond Core Bits, (2) Carbide Tipped Core Bits, (1) Water Spray Can, (1) 10' Hose w/Quick Disconnect, (1) Water Proof Case.</i> |

WIRELESS SEARCH CAMERA

This wireless search camera allows the user to easily inspect hard-to-reach areas. The screen is removable from the camera base and can output to a computer or TV screen. See in those hard to reach none-accessable spots. This tool features a flexible camera that is easily expandable in 3' increments up to 12' in length. Camera is easy to use for victim location and can fit through 5/8" hole of void.

A must for every fire truck, structural collaps, and confined space to help look for fire extension.



FEATURES

- Easily deployed
- Monitor easily detaches from handset
- Light at end of camera
- Waterproof extensions
- Comes with 6 feet of camera cable
- Case Included
- Rechargeable LED Screen

SPECIFICATIONS

| Model No. | Total Camera Pixels | Transmission Frequency | LCD Screen Type | Effective Screen Pixels | Bandwidth | Power Supply | Dimensions | Camera Weight | Screen Weight |
|-----------|---------------------|------------------------|-----------------|-------------------------|-----------|------------------|----------------------------------|---------------|---------------|
| UWSC4926 | 712 X 486 | 2468 MHz. | 2.36" TFT-LCD | 480 X 240 | 25 MHz | 4 X AA Batteries | 7.32" X 5.71" X 1.614" W X D X H | 18.7 oz. | 5 oz. |

FEATURES

- Polyethylene housing and canister assembly
- Super Quiet
- Polypropylene nine-blade fan
- Carry-handle molded into blower
- Steel, powder-coated grill
- Safety-orange
- Lightweight
- Corrosion, UV, and chemical resistant



CONFINED SPACE BLOWER MODELS AND SPECIFICATIONS

| Model No. | HP | Max RPM | Cord | Plug | Free Air Output | Dimensions | Weight |
|--------------------------|-----|---------|-------------------------|----------------------------|-----------------|------------------------------------|---------|
| UF-9533 | 1/3 | 3200 | 20' AWG 3A/115v | NEMA 5-15P, 125V | 831 CFM | 13.25" x 12" x 13.75" L x W x H | 17 lbs. |
| UF-9533-15 [◇] | 1/3 | 3200 | 20' AWG 3A/115v | NEMA 5-15P, 125V | 831 CFM | 32" X 13.5" X 14.75" L x W x H | 33 lbs. |
| UF-9533-25 [◇] | 1/3 | 3200 | 20' AWG 3A/115v | NEMA 5-15P, 125V | 831 CFM | 32" X 13.5" X 14.75" L x W x H | 38 lbs. |
| UF-9538 [#] | 1/3 | 3250 | 20' 16/3 AWG 3A/115v | NEMA 5-15P, 125V, UGP Type | 900 CFM | 13.25" x 12" x 13.75" L x W x H | 20 lbs. |
| UF-9538-15 ^{#◇} | 1/3 | 3250 | 20' 16/3 AWG 3A/115v | NEMA 5-15P, 125V, UGP Type | 900 CFM | 32" X 13.5" X 14.75" L x W x H | 37 lbs. |
| UF-9538-25 ^{#◇} | 1/3 | 3250 | 20' 16/3 AWG 3A/115v | NEMA 5-15P, 125V, UGP Type | 900 CFM | 32" X 13.5" X 14.75" L x W x H | 44 lbs. |

[◇] Models include ducting

[#] Models are explosion proof / intrinsically safe.

CONFINED SPACE BLOWER DUCTING AND ACCESSORIES

| Item No. | Description |
|--------------|--|
| UF-9500-06 | 8" Diameter Ducting, 6 Feet Length |
| UF-9500-15 | 8" Diameter Ducting, 15 Feet Length |
| UF-9500-25 | 8" Diameter Ducting, 25 Feet Length |
| UF-9500-15EX | 8" Diameter Ducting, 25 Feet Length, Statically Conductive |
| UF-9500-25EX | 8" Diameter Ducting, 25 Feet Length, Statically Conductive |
| UF-9500-35 | 8" Diameter Duct Storage Rack |
| UF-9600-50 | Adapter / Reducer, 16" to 8" Diameter |
| UF-9540 | Ground Fault Interrupter |
| UF-9200-01 | 8" Duct to Duct Ring Conductor |
| UF-9510 | Saddle-Vent, Manhole Style |
| UF-9511 | Saddle-Vent, Tank Style |
| UF-9510-01 | Universal Mount |
| UF-9510-90 | Elbow For Saddle Vent |

STANDARD CONFINED SPACE BLOWER DUCTING

Standard ducting for blower UF-9533-15 and UF-9533-25 is made of a single-ply, lightweight vinyl/polyester, with a 180° F temperature resistant PVC coating. The ducting features a non-collapsible retractable design with class 1 hard drawn spring steel wire helix. The ducting is yellow with black wear-strips and integrated nylon attachment strap.

HAZARDOUS LOCATION RATINGS FOR UF-9538 MODEL BLOWERS

| Class: I | Class: II |
|------------------|------------------|
| Divisions: 1 & 2 | Divisions: 1 & 2 |
| Groups: C & D | Groups: F & G |

Hazardous location ducting included with UF-9538-15 and UF-9538-25 is made of black single-ply, lightweight vinyl/polyester, coated with neoprene 250° F, temperature resistant. The ducting is a non-collapsible retractable design with Class 1 hard drawn spring steel wire helix.

Smoke Machines

Unifire smoke machines are built to meet the tough requirements found in the fire service and entertainment industries. These smoke generators produce more smoke and provide you with more control than any other smoke machine on the market. They feature variable output controls with 24-hour continuous run time, reliable high output and overheat thermal protection. Each smoke machine comes standard with a corded remote control, wireless remotes available for some models, with an additional cost. Unifire smoke machines use water based smoke fluid in order to provide a safe environment for people.

UF-Z800



Motor: AC 120V/60Hz
 Heater: 800 WATT
 Output: 3,000 CFM
 Dry Weight: 6 lbs.
 Remote: UF-Z10 Remote - 32'
 Tank Capacity: 0.8 liters
 Dimensions: 12.5" X 5" X 6.5"

UF-Z1000



Motor: AC 120V/60Hz
 Heater: 1000 WATT
 Output: 8,000 CFM
 Dry Weight: 15 lbs.
 Remote: Z-4
 Tank Capacity: 1.7 liters
 Dimensions: 17" X 8.63" X 8.25"

UF-Z1200



Motor: AC 120V/60Hz
 Heater: 1250 WATT
 Output: 18,000 CFM
 Dry Weight: 15.43 lbs.
 Remote: Z-8
 Tank Capacity: 2.5 liters
 Dimensions: 17.32" X 9.84" X 7"

UF-Z1500



Best Seller!

Motor: AC 120V/60Hz
 Heater: 1500 WATT
 Output: 20,000 CFM
 Dry Weight: 30.86 lbs.
 Remote: Z-20
 Tank Capacity: 6 liters
 Dimensions: 27.1" X 11.22" X 7.41"

SMOKE MACHINE ACCESSORIES

| Item No.: | Description |
|-----------|---------------------------------|
| HD-PRO1 | 1 Gallon of HD Pro Fog Fluid |
| HD-PRO2.5 | 2.5 Gallons of HD Pro Fog Fluid |
| HD-PRO5 | 5 Gallons of HD Pro Fog Fluid |
| UV-55 | 55 Galons of HD Pro Fog Fluid |
| F-SM | Smoke machine Filter |

Specially formulated smoke fluid that outperforms other fluids 3 to 1.

This special safe formula is non-asthmatic, hypoallergenic, and biodegradable, yet hangs in the air longer allowing for less fluid consumption.





MANUFACTURERS OF HIGH PERFORMANCE EQUIPMENT

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