



  
**PELSUE®**

**'06**  
EQUIPMENT

[www.pelsue.com](http://www.pelsue.com)  
ISO 9001:2000



VENTILATION  
HEATING / A.C.  
GAS MONITORS  
MANHOLE TOOLS  
DUCT RODDERS  
TENTS / SHELTERS  
RETRIEVAL  
FALL ARREST  
UTILITY VEHICLES

**EXPERIENCE.**  
**QUALITY.**  
**INNOVATION.**



*Continuing the tradition of excellence...*



Brad Pelsue, President & CEO

Since our inception in 1963 – the T.A. Pelsue Company has designed and manufactured high quality equipment to improve the personnel efficiency and working conditions in various underground, confined, and outdoor areas.

Founded by T. Allen Pelsue, the company has established a continuing reputation for excellence in the production of fine products for a broad spectrum of industry throughout the world.

Now, in our second generation of family direction, continued commitment to innovation and quality makes Pelsue a leading source of equipment for many types of confined spaces. We specialize in safety, retrieval, fall arrest, ventilation, cable placing, splicing, and maintenance nationally and abroad. With more than 50,000 square feet of facilities available, Pelsue continues the dedication that has made it preeminent in this field.

## ***Commitment to Quality:***

Our goal is the pursuit of never-ending improvement in product quality and business systems.

Methods to be employed in attaining this goal will include new products, quality planning, employee training, and utilization of employee involvement groups to solve problems.

In an increasingly competitive marketplace, ensuring customer satisfaction is one of the differentiators that sets you apart from the pack and yields a competitive advantage.

Therefore, we will support total customer satisfaction by implementing the ISO 9001 Quality System and providing the necessary atmosphere and training to nurture this concept throughout our organization.

We will make every business decision as though the quality of the part or service provided was destined for our own or our family's use. We will always think Quality First.

Every T.A. Pelsue Company employee is expected to commit to this philosophy in the performance of his or her daily tasks.

## ***Warranty:***

All Pelsue products are warranted against defects in materials and workmanship in accordance with their individual warranty statement. Warranty does not cover: normal wear & tear, modifications, improper storage, corrosion, or user neglect. Equally excluded from the warranty are damage due to accidents, negligence and uses for which the product was not designed.


## ***Order Entry:***

All orders accepted between the hours of  
7:00 am - 5:00 pm (MST) Monday - Friday  
Please call toll free 1-800-525-8460 (ext. 222)  
phone (303) 936-7432  
fax (303) 934-5581  
or email: sales@pelsue.com

## ***Order Cancellation:***


Cancellation charges will apply to all-custom and/or specially manufactured items.



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# Axial Ventilators



## Model

## 1320

## 1420

|                            |  |  |
|----------------------------|--|--|
| Power:                     | Electric - 1/6 HP<br>120 VAC, 1.4 Amps           | Electric - 1/4 HP<br>12 VDC, 15 Amps             |
| Certifications:            | CSA, CEESI                                       | CEESI  |
| Dimensions:<br>(L x W x H) | 12"L x 8.5"W x 12.5"H<br>(30.5 x 21.5 x 31.7 cm) | 12"L x 8.5"W x 12.5"H<br>(30.5 x 21.5 x 31.7 cm) |
| Weight:                    | 15 lbs. (6.8 kg)                                 | 17 lbs. (7.7 kg)                                 |
| Free Air (certified):      | 809 cfm (22.9 cmm)                               | 719 cfm (20.3 cmm)                               |
| w/ one 90° bend:           | 617 cfm (17.4 cmm)                               | 502 cfm (13.5 cmm)                               |
| w/ two 90° bends:          | 505 cfm (14.3 cmm)                               | 425 cfm (13.5 cmm)                               |



## Model

## 1325P

## 1400P

|                            |   |  |
|----------------------------|---|--|
| Power:                     | Electric - 1/3 HP<br>120 VAC, 3 Amps        | Electric - 1/4 HP<br>12 VDC, 15 Amps         |
| Certifications:            | CSA, CEESI                                  | CEESI  |
| Dimensions:<br>(L x W x H) | 18"L x 14"W x 15"H<br>(35.5 x 38 x 45.7 cm) | 18"L x 14" W x 15"H<br>(35.5 x 38 x 45.7 cm) |
| Weight:                    | 17 lbs. (7.7 kg)                            | 17 lbs. (7.7 kg)                             |
| Free Air (certified):      | 921 cfm (26.1 cmm)                          | 814 cfm (23 cmm)                             |
| w/ one 90° bend:           | 575 cfm (16.2 cmm)                          | 478 cfm (13.5 cmm)                           |
| w/ two 90° bends:          | 546 cfm (15.4 cmm)                          | 479 cfm (13.5 cmm)                           |



## Model

## 1325D

## 1400D

|                            |   |   |
|----------------------------|---|---|
| Power:                     | Electric - 1/3 HP<br>120 VAC, 3 Amps            | Electric - 1/4 HP<br>12 VDC, 15 Amps            |
| Certifications:            | CSA, CEESI                                      | CEESI   |
| Dimensions:<br>(L x W x H) | 14.5"L x 13"W x 14.5"H<br>(36.8 x 33 x 36.8 cm) | 14.5"L x 13"W x 14.5"H<br>(36.8 x 33 x 36.8 cm) |
| Weight:                    | 19.5 lbs. (8.8 kg)                              | 16.5 lbs. (7.5 kg)                              |
| Free Air (certified):      | 1075 cfm (30.4 cmm)                             | 922 cfm (26.1 cmm)                              |
| w/ one 90° bend:           | 668 cfm (18.9 cmm)                              | 541 cfm (15.3 cmm)                              |
| w/ two 90° bends:          | 585 cfm (16.5 cmm)                              | 518 cfm (14.6 cmm)                              |



## Model

## 1375D & 1385D

## 1475D & 1485D

|                            |   |   |
|----------------------------|---|---|
| Power:                     | Electric - 1/3 HP<br>120 VAC, 3 Amps        | Electric - 1/4 HP<br>12 VDC, 15 Amps        |
| Certifications:            | CSA, CEESI                                  | CEESI                                       |
| Dimensions:<br>(L x W x H) | 37"L x 13"W x 14.5"H<br>(94 x 33 x 36.8 cm) | 37"L x 13"W x 14.5"H<br>(94 x 33 x 36.8 cm) |
| Weight:                    | 40 lbs. (18 kg)                             | 40 lbs. (18 kg)                             |
| Certified Air Flow:        | (15' hose) / (25' hose)                     | (15' hose) / (25' hose)                     |
| one 90° bend: (cmm)        | 668 cfm (18.9) / 588 cfm (16.6)             | 541 cfm (15.3) / 492 cfm (13.9)             |
| two 90° bends: (cmm)       | 585 cfm (16.5) / 553 cfm (15.6)             | 518 cfm (14.6) / 490 cfm (13.8)             |



## Model

## 1380D

|                            |  |  |
|----------------------------|--|--|
| Power:                     | Electric - 1/3 HP<br>120 VAC, 3 Amps             | The supplied 12" x 8' hose that surrounds the blower unit features great cfm performance during purging. Once purging is complete a smaller 8" diameter hose (taking up less space than the 12") can be attached for continuous ventilation while working. |
| Certifications:            | CSA, CEESI                                       |  |
| Dimensions:<br>(L x W x H) | 14.5"L x 13"W x 16.75"H<br>(36.8 x 33 x 42.5 cm) |  |
| Weight:                    | 32.75 lbs. (14.8 kg)                             |  |
| Free Air (certified):      | 1077 cfm (30.5 cmm)                              |  |
| w/ one 90° bend:           | 917 cfm (25.9 cmm)                               |  |



# Super Axial Ventilators



## Model

## Super 12

## Super 12 EX

Power:  
RPM:  
Dimensions:  
(D x W x H)  
Weight:  
Shroud CFM:  
Venturi CFM:

Electric - 1/2 HP  
115 VAC, 8 Amps  
3450  
13.25"D x 15"W x 15.5"H  
(33.6 x 38.1 x 39.3 cm)  
46 lbs. (20.8 kg)  
2750 cfm  
3700 cfm

Electric - 1/2 HP  
115 VAC, 8 Amps  
3450  
13.25"D x 15"W x 15.5"H  
(33.6 x 38.1 x 39.3 cm)  
48 lbs. (21.7 kg)  
2750 cfm  
3700 cfm



## Model

## Super 16

## Super 16 EX

Power:  
RPM:  
Dimensions:  
(D x W x H)  
Weight:  
Shroud CFM:  
Venturi CFM:

Electric - 1/3 HP  
115 VAC, 5.8 Amps  
1725  
13"D x 18.75"W x 19.25"H  
(33.0 x 47.6 x 48.9 cm)  
44 lbs. (20 kg)  
3200 cfm  
5200 cfm

Electric - 1/3 HP  
115/230 VAC, 5.8/2.9 Amps  
1725  
16"D x 18.75"W x 19.25"H  
(40.6 x 47.6 x 48.9 cm)  
49 lbs. (22.2 kg)  
3200 cfm  
5200 cfm



## Model

## Super 24

## Super 24 EX

Power:  
RPM:  
Dimensions:  
(D x W x H)  
Weight:  
Shroud CFM:  
Venturi CFM:

Electric - 1-1/2 HP  
115/230 VAC, 18/9 Amps  
1725  
18.75"D x 28"W x 28.5"H  
(47.6 x 71 x 72.3 cm)  
110 lbs. (50 kg)  
8600 cfm  
10,800 cfm

Electric - 1-1/2 HP  
115/230 VAC, 20/10 Amps  
1725  
18.75"D x 28"W x 28.5"H  
(47.6 x 71 x 72.3 cm)  
115 lbs. (52 kg)  
8600 cfm  
10,800 cfm



## Model

## Super 20 (GH)

## Super 20 (GT)

Power:  
Dimensions:  
(D x W x H)  
Weight:  
CFM:  
Description:

5 HP  
4 Cycle Gas Engine  
20"D x 24"W x 24.75"H  
(51 x 61 x 63 cm)  
84 lbs. (38 kg)  
9420 cfm (16,000 cmh)  
GH = Gasoline Honda

5.5 HP  
4 Cycle Gas Engine  
20"D x 24"W x 24.75"H  
(51 x 61 x 63 cm)  
86 lbs. (39 kg)  
9420 cfm (16,000 cmh)  
GT = Gasoline Techumseh

# Centifugal Ventilators



## Model

## 1000

|                            |   |
|----------------------------|---|
| Power:                     | Electric - 1/3 HP<br>1725 RPM, 60 Hz<br>120V AC, 6.2 Amps |
| Certifications:            | CSA, CEESI  |
| Dimensions:<br>(L x W x H) | 15.25" L x 14.63" W x 15" H<br>(38.7 x 37 x 38 cm)        |
| Weight:                    | 35 lbs. (15.8 kg)   |
| Free Air (certified):      | 1068 cfm (30.2 cmm)                                       |
| w/ one 90° bend:           | 924 cfm (26.1 cmm)  |
| w/ two 90° bends:          | 807 cfm (22.8 cmm)  |



## Model

## 1200 (2-speed ventilator)

|                            | <b>Low</b>  | <b>High</b>   |
|----------------------------|---|---|
| Power:                     | Electric - 1/9 HP<br>1140 RPM, 60 Hz<br>120V AC, 2.8 Amps | Electric - 1/3 HP<br>1725 RPM, 60 Hz<br>120V AC, 6.4 Amps |
| Certifications:            | CEESI   |   |
| Dimensions:<br>(L x W x H) | 15.5" L x 15.5" W x 15" H<br>(39.3 x 39.3 x 38 cm)        |   |
| Weight:                    | 45 lbs. (15.8 kg)   |   |
| Free Air (certified):      | 774 cfm (21.9 cmm)  | 1171 cfm (33.1 cmm)                                       |
| w/ one 90° bend:           | 581 cfm (16.4 cmm)  | 853 cfm (24.1 cmm)  |
| w/ two 90° bends:          | 489 cfm (13.8 cmm)  | 761 cfm (21.5 cmm)  |



## Model

## 1240 (2-speed ventilator)

|                            | <b>Low</b>  | <b>High</b>  |
|----------------------------|---|--|
| Power:                     | Electric - 1/3 HP<br>1140 RPM, 60 Hz<br>120V AC, 7 Amps | Electric - 1 HP<br>1725 RPM, 60 Hz<br>120V AC, 12 Amps |
| Certifications:            | CSA, CEESI  |  |
| Dimensions:<br>(L x W x H) | 18.5" L x 18.5" W x 17.5" H<br>(47 x 47 x 44.5 cm)      |  |
| Weight:                    | 63 lbs. (28.5 kg)                                       |  |
| Free Air (certified):      | 790 cfm (22.3 cmm)                                      | 1193 cfm (33.7 cmm)                                    |
| w/ one 90° bend:           | 526 cfm (14.9 cmm)                                      | 810 cfm (22.9 cmm)                                     |
| w/ two 90° bends:          | 506 cfm (14.3 cmm)                                      | 805 cfm (22.8 cmm)                                     |



## Model

## 1450

|                            |  |
|----------------------------|--|
| Power:                     | (Briggs & Stratton)<br>Gasoline - 3.5 HP<br>3600 RPM |
| Certifications:            | CEESI  |
| Dimensions:<br>(L x W x H) | 18.5" L x 15.25" W x 16" H<br>(47 x 38.7 x 40.6 cm)  |
| Weight:                    | 55 lbs. (25 kg)                                      |
| Free Air (certified):      | 1526 cfm (43.2 cmm)                                  |
| w/ one 90° bend:           | 1360 cfm (38.5 cmm)                                  |
| w/ two 90° bends:          | 1255 cfm (35.5 cmm)                                  |

## 1453

|                            |   |
|----------------------------|---|
| Power:                     | (Honda)<br>Gasoline - 4 HP<br>3600 RPM              |
| Certifications:            | CEESI   |
| Dimensions:<br>(L x W x H) | 18.5" L x 15.25" W x 16" H<br>(47 x 38.7 x 40.6 cm) |
| Weight:                    | 55 lbs. (25 kg)                                     |
| Free Air (certified):      | 1526 cfm (43.2 cmm)                                 |
| w/ one 90° bend:           | 1360 cfm (38.5 cmm)                                 |
| w/ two 90° bends:          | 1255 cfm (35.5 cmm)                                 |

# Hazardous Location / Air Conditioning



## Model

## 1000E

|                            |   |
|----------------------------|---|
| Power:                     | Electric - 1/3 HP<br>1725 RPM, 60 Hz<br>120V AC, 6.2 Amps |
| Certifications:            | CEESI   |
| Dimensions:<br>(L x W x H) | 15"L x 21"W x 15"H<br>(38 x 53.3 x 38 cm)                 |
| Weight:                    | 45 lbs. (20.4 kg)   |
| Free Air (certified):      | 1068 cfm (30.2 cmm)                                       |
| w/ one 90° bend:           | 924 cfm (26.1 cmm)  |
| w/ two 90° bends:          | 807 cfm (22.8 cmm)  |



## Model

## 1240E

|                            |  |
|----------------------------|--|
| Power:                     | Electric - 3/4 HP<br>1725 RPM, 60 Hz<br>120V AC, 11.4 Amps |
| Certifications:            | CEESI  |
| Dimensions:<br>(L x W x H) | 17"L x 17"W x 17"H<br>(43 x 43 x 43 cm)                    |
| Weight:                    | 55 lbs. (25 kg)  |
| Free Air (certified):      | 1277 cfm (36.1 cmm)  |
| w/ one 90° bend:           | 1024 cfm (28.9 cmm)  |
| w/ two 90° bends:          | 880 cfm (24.9 cmm)   |

*Pelsue Hazardous location ventilators are constructed utilizing explosion-proof electrical components. The hazardous location ventilator power supply is designed to be user-wired. This design is intended to make the end user aware that appropriate electrical fittings dictated by the location parameters must be used. A unit supplied with a particular plug may allow the unit to be connected in a manner that is not approved for hazardous locations. Such a scenario can result in a spark.*

*An unwired unit enables the end user to properly integrate the ventilator into any of a variety of existing explosion proof wiring systems. The ventilator unit must be properly installed according to all relevant regulations in order to ensure that the electrical components retain their hazardous location certifications. Do not limit the application or endanger your safety with a pre-wired unit!*



## **PelAir15V / 30V Portable Air Conditioners.**

For use in emergency response shelters for Fire, Police, Hazmat crew in bio-terror and mass casualty incidents. Delivers adequate ventilation for Manholes and Confined spaces where cool air is needed for sustainable work environment.

## Model

## PelAir15V

## PelAir30V

|                            |   |   |
|----------------------------|---|---|
| Power:                     | 120V AC, 60 Hz, 20 AMP                              | 240V AC, 60 Hz, 15 AMP                              |
| Dimensions:<br>(L x W x H) | 31.50"L x 27.25"W x 46.50"H<br>(80 x 69 x 118.5 cm) | 31.50"L x 27.25"W x 46.50"H<br>(80 x 69 x 118.5 cm) |
| Weight:                    | 190 lbs. (86.2 kg)                                  | 190 lbs. (86.2 kg)                                  |
| Air Flow:                  | avg. 423 cfm  | avg. 423 cfm  |
| w/ one 90° bend:           | 416 cfm   | 416 cfm   |
| w/ two 90° bends:          | 407 cfm   | 407 cfm   |
| Air Temp. Difference:      | 15° -25° F  | 20° -30° F  |
| Cooling Capacity:          | 13,500 BTU  | 24,000 BTU (2 Ton)                                  |

# Air Conditioning / Heating



**Note:** Pelsue recommends using the model 1590-F filter regulator with all LPG bottles & Pelsue heaters (see pg. 10).



| Model                      | 1690D   |
|----------------------------|---|
| Power:                     | 120 VAC, 1 Amp                                      |
| Certifications:            | CSA, CEESI  |
| Dimensions:<br>(L x W x H) | 18.5" L x 13.5" W x 15.25" H<br>(47 x 34 x 38.7 cm) |
| Weight:                    | 30 lbs. (13.6 kg)                                   |
| Certified Air Flow:        | (coupled w/1325D)                                   |
| Free Air:                  | 639 cfm (18.0 cmm)                                  |
| w/ one 90° bend:           | 532 cfm (15.0 cmm)                                  |
| w/ two 90° bends:          | 498 cfm (14.1 cmm)                                  |
| BTUs                       | 70,000  |
| Propane Usage:             | 2.25 lbs./hr.                                       |

Our Model 1690D, when coupled with the 1325D Axial Ventilator, provides fresh warm air for all your confined space needs. This unit is propane fired and electrically powered. Requires the model 1325D Ventilator to operate. A Remote Thermostat Control (Model 1620) is also available.



| Model                      | 1590   |
|----------------------------|--|
| Power:                     | 120 VAC, 4 Amps                                    |
| Certifications:            | CSA, CEESI   |
| Dimensions:<br>(L x W x H) | 27" L x 14.5" W x 14" H<br>(68.5 x 36.8 x 35.5 cm) |
| Weight:                    | 47 lbs. (21.3 kg)                                  |
| Free Air (certified):      | 424 cfm (12.0 cmm)                                 |
| w/ one 90° bend:           | 380 cfm (10.7 cmm)                                 |
| w/ two 90° bends:          | 366 cfm (10.3 cmm)                                 |
| BTUs                       | 45,000   |
| Propane Usage:             | 1.5 lbs./hr.                                       |

Our Model 1590, one-piece, Axial Propane Heater/Blower, provides fresh warm air. It is extremely efficient requiring only 45,000 BTU's of input to get a 125° heat rise. Certified for ventilating confined spaces with or without heated fresh air via air ducts. This model is available in both North American and European voltages.



| Model                      | 1500S  |
|----------------------------|--|
| Power:                     | 120 VAC, 7 Amps                                    |
| Certifications:            | CSA, CEESI   |
| Dimensions:<br>(L x W x H) | 29.5" L x 14.5" W x 25" H<br>(75 x 36.8 x 63.5 cm) |
| Weight:                    | 85 lbs. (38.5 kg)                                  |
| Free Air (certified):      | 419 cfm (11.8 cmm)                                 |
| w/ one 90° bend:           | 303 cfm (8.5 cmm)                                  |
| w/ two 90° bends:          | 297 cfm (8.4 cmm)                                  |
| BTUs                       | 54,000   |
| Propane Usage - low:       | 1 lb./hr. (low setting)                            |
| Propane Usage - high:      | 2 lbs./hr. (high setting)                          |

Our Model 1500S, is a one-piece centrifugal heater/blower popular for its heavy duty construction. It has two burners allowing different degrees of efficiency and performance. This model, like our other heaters, comes with a thermal switch that cuts the burners off and leaves the fan running should an upset condition occur.



| Model                      | 1557  |
|----------------------------|---|
| Power:                     | n/a   |
| Certifications:            | CSA   |
| Dimensions:<br>(L x W x H) | 13" L x 9.5" W x 20" H<br>(33 x 24 x 50.8 cm) |
| Weight:                    | 11 lbs. (5 kg)                                |
| BTU's:                     | 8,000 -16,000                                 |
| Propane Usage - low:       | .25 lb./hr. (low setting)                     |
| Propane Usage - high:      | 0.5 lbs./hr. (high setting)                   |

The Model 1557 is a radiant style, portable, infrared construction heater. It is adjustable from 8,000 to 16,000 BTU's. This patented design provides clean, efficient heat for tents or any other ventilated space. Safety features include thermal sensor and tip over protection. No electrical power is required.



# Ventilation Accessories

## "HRT" Series Hose & Canister



**1325D Ventilator  
& 3215 HRT Hose Canister**

This hose and canister attaches securely to the 1325D and 1400D ventilators. The 3215HRT includes a 15 ft (4.57 m) hose and the 3225HRT includes a 25 ft (7.62 m) hose. The 3215HRT weighs 20 lb (9.07 kg) and the 3225HRT weighs 25 lb (11.3 kg).

## "AirPac" Series Hose & Canister



**1325P Ventilator  
& AirPac15 Hose Canister**

The AIRPAC series is a molded polyethylene canister and hose combination, which attaches to the 1325P & 1400P ventilators. The AIRPAC15 includes a 15 ft (4.57 m) hose. The AIRPAC25 includes a 25 ft (7.62 m) hose.

## 2000 Series Ventilator Hoses

Three styles of high quality 8" dia. (20cm) ventilation hoses:  
Hoses have cuff & strap at one end.



| Model   | Description                    |
|---------|--------------------------------|
| 2015HRT | Standard Wt., 15' L (4.57 m)   |
| 2025HRT | Standard Wt., 25' L (7.62 m)   |
| 2015HD  | Heavy Duty Wt., 15' L (4.57 m) |
| 2025HD  | Heavy Duty Wt., 25' L (7.62 m) |
| 2006-N  | Insulated, 6' L (1.82 m)       |
| 2015-N  | Insulated, 15' L (20.57 m)     |
| 2025-N  | Insulated, 25' L (7.62 m)      |

## "SpaceMaker" Series Ventilator Hoses



Our SpaceMaker hose allows unrestricted, continuous ventilation during entry and egress of a confined space. There are no accessory parts. Stores in a regular hose canister. Hoses are 8" (20cm) diameter X 15 ft (4.57M) long. Note: not for use with heated air above 250°.

**Model Spacemaker 15**

## "Pel Can" Hose Storage



Steel construction, and coated with a weather resistant, safety yellow powder coat finish. Model 3025A holds all HRT & 2015HD hoses. Model 3035A holds all "N" models & 2025HD hoses.

## Model 3015P Hose Storage



Model 3015P - Constructed of a durable, weather resistant, high-impact polyethylene plastic, and will hold HRT model hoses only.

## "Caddy" Hose Storage



Hose Caddy - (Model - Caddy)  
Designed for easy moving and storage of hoses, constructed of lightweight aluminum.

## Model 3003P Suction Adaptor



Our Model 3003P suction adapter attaches to the intake side of the 1325 & 1400 series ventilators, so that you may attach an 8" (20 cm) diameter hose to provide suction.

## Model 2101 Hose to Hose Connector



Our Aluminum Hose to Hose Adapter is easily installed to securely combine lengths of 8" (20 cm) diameter ventilator hose.

## Filter Regulator for Heaters



Our Model 1590-F Filter/Regulator/Gauge is a compact unit that fits into the LP gas line behind the tank valve to filter out impurities and regulate the bottle pressure to a safe working pressure. The POL Excess Flow Valve will shut down fuel flow to down stream equipment in the event of a regulator fire.

## LPG Bottle Warmer



Our Model 9651 Bottle Warmer safely prevents propane bottles from freezing! It is a silicon rubber belt with interlaced heating elements. This model is equipped with a protective UL recognized thermostat & is CSA Approved. Includes a 12' (3.65 m) type HPN heater cord set. Folds for easy storage. For use on either 20 lb. (9.07 kg) or 40 lb. (18.14 kg) bottles. 375 Watts.

## Remote



Remote Thermostat model 1620 for use w/1690D Heater. Allows heater to cycle on and off at user-adjusted temperatures while maintaining continuous, uninterrupted ventilation.

## Conductive Ventilator Hose - 8" dia.



Statically conductive ventilation hoses are available in several lengths. Model 2015EX is 15' L (4.57 m), Model 2025EX is 25' L (7.62 m), and Model 2050EX is 50' L (15.24 m). All are 8" (20 cm) in diameter. They are supplied with cuff and attachment hardware and lug for grounding.

## Super Axial Spiral Ducts



Super Axial ducts are high quality hoses made with heavy duty wear strips and two-ply construction. Ideal for moving large quantities of air into hard to reach places. Available with an adapter as shown (AD). Extension pieces also available without adapter (RC2). Each duct comes complete with it's own storage bag.

| Model    | Diameter | Length |
|----------|----------|--------|
| 12X20AD  | 12"      | 20'    |
| 16X20AD  | 16"      | 20'    |
| 24X20AD  | 24"      | 20'    |
| 12X20RC2 | 12"      | 20'    |
| 16X20RC2 | 16"      | 20'    |
| 24X20RC2 | 24"      | 20'    |

## Super Axial Manhole Adaptors

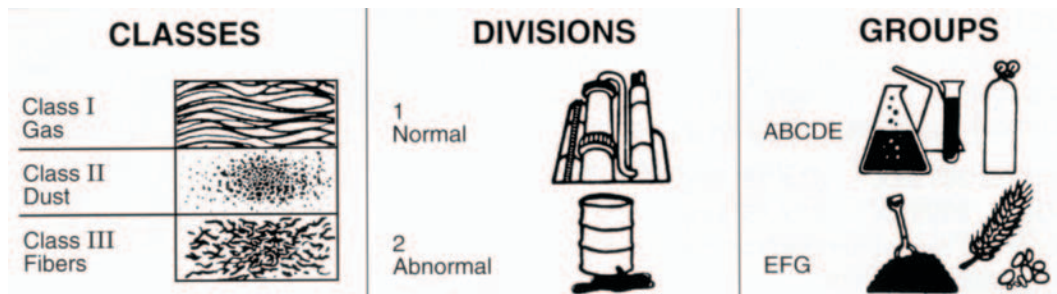
Rugged aluminum adaptors sit in manhole rings to provide stable mounting for super axial ventilators.

| Model    | Fan size | Manhole |
|----------|----------|---------|
| PMA16-24 | 16"      | 24"     |
| PMA16-30 | 16"      | 20"     |





# Ventilation Information



## Hazardous Location Basics

**Hazardous Location**-An area where the possibility of explosion and fire is created by the presence of flammable gases, vapors, dusts, fibers, or flyings.

**Class I (NEC-500-5)**-Those areas in which flammable gases or vapors may be present in the air in sufficient quantities to be explosive or ignitable.

**Class II (NEC-500-6)**-Those areas made hazardous by the presence of combustible dust.

**Class III (NEC-500-7)**-Those areas in which there are easily ignitable fibers or flyings present, due to type of material being handled, stored, or processed.

**Division 1 (NEC-800-5, 6, 7)**-Division One in the normal situation, the hazard would be expected to be present in everyday production operations or during frequent repair and maintenance activity.

**Division 2 (NEC-500-5, 6, 7)**-Division One in the abnormal situation, material is expected to be confined within closed containers or closed systems and will be present only through accidental rupture, breakage or unusual faulty operation.

**Groups (NEC-500-3)**-The gases and vapors of Class I locations are broken into four groups by the code A, B, C, and D. These materials are grouped according to the ignition temperature of the substance, its explosion pressure, and other flammable characteristics. Class II-Dust locations-groups E, F, and G. These groups are classified according to the ignition temperature and the conductivity of the hazardous substance.

**Seals (NEC-501-5 & 502-5)**-Special fittings that are required either to prevent the passage of hot gases in the case of an explosion in a Class I area or the passage of combustible dust, fibers, or flyings in a Class II or III area.

**Articles 500 - 503 (1987 NEC)**-Explains in detail the requirements for the installation of wiring or electrical equipment in hazardous locations. These articles along with other applicable regulations, local governing inspection authorities, insurance representatives, and qualified engineering/technical assistance should be your guides to the installation of wiring or electrical equipment in any hazardous or potentially hazardous location.

### Typical Class I Locations:

- Petroleum refineries, and gasoline storage and dispensing area.
- Industrial firms that use flammable liquids in dip tanks for parts cleaning or other operations.
- Petrochemical companies that manufacture from gas and oil.
- Dry-cleaning plants where vapors from cleaning fluids can be present.
- Companies that have spraying areas where they coat products with paint or plastics.
- Aircraft hangers and fuel servicing areas.
- Utility gas plants and operations involving storage and handling of liquefied petroleum gas or natural gas.

### Typical Class II Locations:

- Grain Elevators, flour and feed mills.
- Plants that manufacture, use or store magnesium or aluminum powders.
- Plants that have chemical or metallurgical processes...producers of plastics, medicines, and fireworks, etc.
- Producers of starch or candies.
- Spice-grinding plants, sugar plants, and cocoa plants.
- Coal preparation plants and other carbon-handling or processing areas.

### Typical Class III Locations:

- Textile mills, cotton gins, cottonseed mills, and flax processing plants.
- Any plant that shapes, pulverizes, or cuts wood and creates sawdust or flyings.

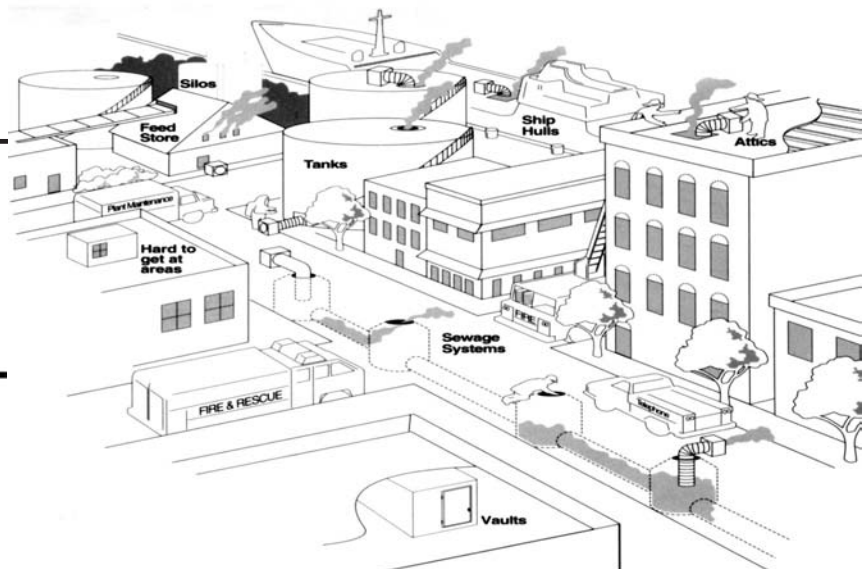
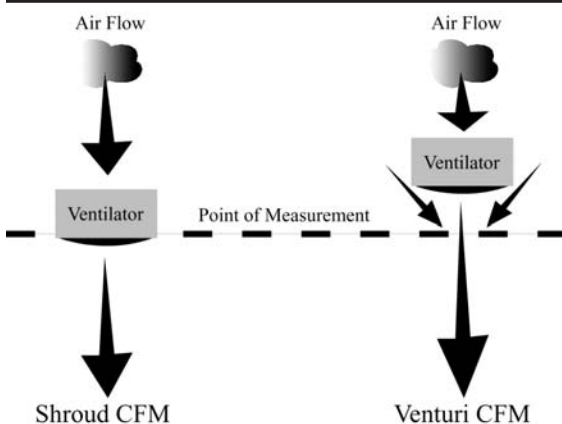
**Note:** Fibers and flyings are not likely to be suspended in the air, but can collect around machinery or on lighting fixtures and where heat, sparks, or hot metal can ignite them.

## Many Uses of Super Axial Ventilators

- Sewer Systems
- Attics
- Ship Hulls
- Storage Tanks
- Rental
- Silos
- Permit Spaces
- Vaults

(as defined by OSHA Standard 29 CFR 1910.146)

## Shroud CFM vs. Venturi CFM



# PelChek Gas Monitors



## **PelChek-MAX Gas Monitor**

PelChek-MAX portable multi gas monitor is able to detect and display up to four gasses simultaneously. These include oxygen, flammable, carbon monoxide and hydrogen sulfide gases.

PelChek-MAX accepts a unique disposable sensor cartridge which is precalibrated and can be replaced in under one minute, thereby simplifying maintenance, reducing downtime, and minimizing total sensors cost.

PelChek-MAX is a compact and rugged detector designed for all environments. Small, lightweight and unobtrusive, it is ideal for use in confined spaces where entry and exit may be difficult. The unit provides an optional internal pump which activates on demand by simply attaching the sampling hose.

Ultra-bright alarm lights and a powerful audible alarm coupled with a periodic green flash and watchdog beep provide user confidence that monitoring is always in operation and alarms are never missed.



## **Enforcer Calibration Unit**

Regulations demand daily testing of gas monitoring equipment to ensure your unit operates properly. The Enforcer affords quick, simple, uniform compliance with federal regulations at absolute minimal costs.

It is required that 'bump' testing be carried out before any portable gas detector is used. To bump a unit requires exposing each sensor to a known concentration of target gas to confirm that the unit responds accurately.

Enforcer 'bumps' in 10 seconds and calibrates PelChek-MAX monitors fitted with any combination of oxygen, flammable, carbon monoxide and hydrogen sulfide cartridges in under 90 seconds. Strict gas volumes and flow rates allow up to 200 calibrations per cylinder of gas while using the Enforcer.

All calibration information is automatically stored on the PelChek-MAX for comprehensive record keeping. Simple PC software included.



**PelChek-MAX400**  
**PelChek-MAX400K**  
**PelChek-MAX401**  
**PelChek-MAX401K**  
**PelChek-ADAC**  
**PelChek-ADDC**  
**PelChek-ASP**  
**PelChek-BASE**  
**PelChek-BAT**  
**PelChek-BK**  
**PelChek-CAL1**  
**PelChek-CASE**  
**PelChek-CASE1**  
**PelChek-CD**  
**PelChek-ENF**  
**PelChek-FCHO**  
**PelChek-HK**  
**PelChek-NIMH**  
**PelChek-PC**  
**PelChek-TUBE**  
**PelChek-SA**  
**PelChek-FA**

4 Gas, with Datalogging, No Internal Pump, Cartridge Included  
PelChek-MAX400 KIT with Carry Case, Aspirator and Tube  
4 Gas, with Datalogging, With Internal Pump, Cartridge Included  
PelChek-MAX400 KIT with Carry Case, Sampling Tube  
120 Volt AC/60 Hz Adaptor - For PelChek-base Charging Stand  
12 Volt DC Adaptor - For PelChek-base Charging Stand  
Hand Aspirator Kit - For PelChek-MAX4 Series Gas Monitors  
Replacement Charging Stand For PelChek-MAX4 Series  
Replacement "AA" Battery Holders - Pair  
Belt Clip - For PelChek-MAX4 Series Gas Monitors  
34 Liter Calibration Mixture - For PelChek-MAX4 Series  
Carry Case - Hard Sided, For PelChek-MAX4 Series  
Pelican® Carry Case - Hard Sided, For PelChek-MAX4 Series  
Manuals And Software Programs - For PelChek-MAX4 Series  
Enforcer Calibration Unit - Includes 34L Calibration Gas  
Sensor Cartridge - CO, O2, LEL, H2s  
Harness Kit with straps And Adapter For PelChek-MAX4 Series  
Replacement Battery Pack, Nimh - Pair, For PelChek-MAX4 Series  
PC Cable - For PelChek-MAX4 Series Gas Monitor Data Interchange  
Sampling Hose - 15 feet, For PelChek-MAX4 Series Gas Monitors  
Flow adapter plate for PelChek-Max400 no pump  
Flow adapter plate for PelChek-Max401 with pump



# Shields & Guards



Model 2730-8A



Model 2730-12A

## Manhole Shields



43% lighter than steel! Lightweight 6061-T6 Aluminum. All models are reversible to fit both standard 27" (68.5 cm) & 30" (76 cm) manholes and are available in 8" (20 cm) or 12" (30.5 cm) heights. No clamps or sealing compounds needed - a watertight seal is formed by inflating the tube to 5-10 lbs of air or nitrogen. All sizes are stackable to maintain a dry opening in flooding conditions. Custom sizes are available upon request.

| Model    | Description  | Weight              |
|----------|--|---------------------|
| 2730-8A  | (27" or 30" dia.) 8" High<br>(68.5cm or 76 cm) x 20cm    | 17 lbs.<br>(7.7 kg) |
| 2730-12A | (27" or 30" dia.) 12" High<br>(68.5cm or 76 cm) x 30.5cm | 20 lbs.<br>(9.0 kg) |
| 3336-12A | (33" or 36" dia.) 12" High<br>(84cm or 91 cm) x 30.5cm   | 24 lbs.<br>(11 kg)  |
| 2750     | Inner Tube Replacement                                   | 2 lbs.<br>(.90 kg)  |



Model 4000/4000AL

## Manhole Guards

These lightweight, rugged steel or aluminum safety fences provide a rigid and highly visible traffic barrier around open manholes. They help eliminate wind hazards when used with a manhole weather

tent. Models 4000 & 4000AL clamp securely to the Pelsue manhole shield. Model 4000A is available with locking arms.

| Model  | Description (HxWxD)                            | Weight             | Material |
|--------|--|--------------------|----------|
| 4000   | 42" x 31-3/8" x 32-3/8"<br>107cm x 80cm x 82cm | 36 lbs.<br>(16 kg) | Steel    |
| 4000A  | 42" x 32-1/4" x 32-1/4"<br>107cm x 82cm x 82cm | 28 lbs.<br>(13 kg) | Steel    |
| 4000AL | 42" x 31-3/8" x 32-3/8"<br>107cm x 80cm x 82cm | 22 lbs.<br>(10 kg) | Alum.    |



Model 4000A



## Pel Protector - for Manhole Shield



Model 2760, is a lightweight, molded fiberglass protector for manhole shields. It protects workers from falling objects and debris, without obstructing ventilation or emergency escapes. Works on either 27" (68.5 cm) or 30" (76 cm) sides of standard manhole shields. Lightweight and easily removable. Strong enough to support the weight of a man, yet only weighs 9-1/2 lbs. (4.3 kg).

## Manhole Lid Lifter

Model 2775 weighs only 12.5 lbs. (5.6 kg) and has a special handle to allow for a better grip. It is also designed to remove ice or dirt by using the built-in scraper. This model features a heat treated hook that can lift manhole covers which are equipped with a hole. The hook locks in the handle when not in use.



1) Remove the hook from the locking system and insert it into one of the holes in the manhole lid.



2) Place the foothold 12" from the hole. Place your foot on the foothold and pull the handle towards you.

# Dewatering Pumps



**Model  
Ready Series  
[Flygt]**



**Model  
PM Series  
[Multiquip]**

## Submersible Pumps

| Model            | Ready-4               | Ready-8               |
|------------------|-----------------------|-----------------------|
| Discharge        | 2.0"                  | 2.0"                  |
| Rated Output     | 0.6 HP                | 1.15 HP               |
| Full Load Amps   | 5.5 A                 | 9.8 A                 |
| Volts            | 115V                  | 115V                  |
| Pump Dimensions  | 7-5/16" W x 16-3/8" H | 7-5/16" W x 17-3/4" H |
| Weight           | 20 lbs.               | 25 lbs.               |
| Maximum Capacity | 60 gmp                | 90 gmp                |

| Model            | PM-4010            |
|------------------|--------------------|
| Discharge        | 2.0"               |
| Rated Output     | 1/2 HP             |
| Starting Amps    | 41 A               |
| Running Amps     | 8 A                |
| Voltage/Phase    | 115V, Single Phase |
| Pump Dimensions  | 6.7" W x 18.4" H   |
| Weight           | 38 lbs.            |
| Max. Head        | 42 ft.             |
| Maximum Capacity | 85 gmp             |

| Model            | PM-4020            |
|------------------|--------------------|
| Discharge        | 2.0"               |
| Rated Output     | 1.0 HP             |
| Starting Amps    | 63 A               |
| Running Amps     | 12.5 A             |
| Voltage/Phase    | 115V, Single Phase |
| Pump Dimensions  | 6.7" W x 20" H     |
| Weight           | 55 lbs.            |
| Max. Head        | 55 ft.             |
| Maximum Capacity | 95 gmp             |

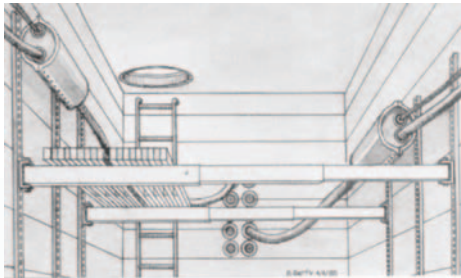
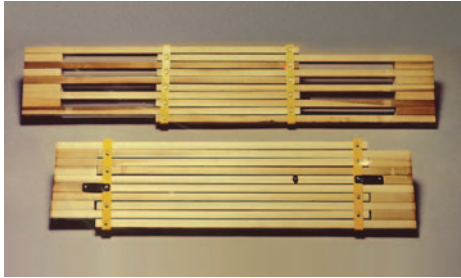


## Hoses

| Model      | Description    | Hose Size/Coupler                  | Weight               |
|------------|----------------|------------------------------------|----------------------|
| 103171-002 | PVC hose       | 1.5" x 25 ft, male/female couplers | 8 lbs.<br>(3.62 kg)  |
| 103172-002 | PVC hose       | 2.0" x 25 ft, male/female couplers | 10 lbs.<br>(4.53 kg) |
| 103174-002 | PVC hose       | 3.0" x 25 ft, male/female couplers | 14 lbs.<br>(6.35 kg) |
| 103176-002 | Mill spec hose | 1.5" x 25 ft, male/female couplers | 11 lbs.<br>(4.98 kg) |
| 103177-002 | Mill spec hose | 2.0" x 25 ft, male/female couplers | 13 lbs.<br>(5.89 kg) |
| 103179-002 | Mill spec hose | 3.0" x 25 ft, male/female couplers | 18 lbs.<br>(8.16 kg) |



# Planks & Supports



## Scaffold Planks



Manhole scaffold planks are constructed from strong hardwood with heavy-duty, steel hardware and bolt through construction. Safety latches are included on expandable units at both ends to prevent accidental opening.

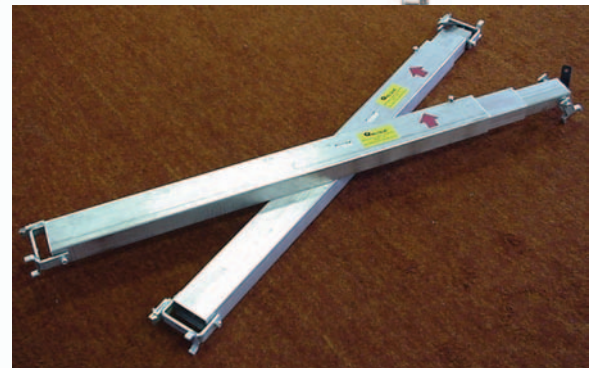
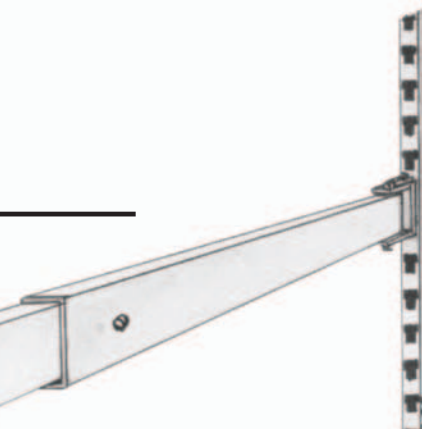
| Model | Description  | Weight               | Load Rating          |
|-------|--|----------------------|----------------------|
| 9504  | Clear grain hardwood, expandable from 4' - 6' (1.2 - 1.8 m)    | 21 lbs.<br>(9.50 kg) | 500 lbs.<br>(226 kg) |
| 9506  | Clear grain hardwood, expandable from 6' - 9.5' (1.8 - 2.89 m) | 31 lbs.<br>(14.0 kg) | 500 lbs.<br>(226 kg) |

## Scaffold Plank Supports

Pelsue's **Model 309** Telecom and **310** Power Utility manhole plank supports are expandable from 42" (1.06 m) to 108" (2.74 m). They are aluminum and weight 13 lbs. (5.9 kg). They are rated at 500 lbs. (227 kg) each support.



- Telescoping support members are designed for lightweight easy handling
- Featuring lightweight, noncorrosive 6061-T6 Aluminum construction
- Positive locking end hangers clamp into existing cable racks
- End hangers are coated with zinc plating to prevent corrosion
- Safety designed end hangers assure a firm grip on the cable rack to eliminate accidental disengagement
- End hangers swivel 180° for use in locations where cable racks are not directly opposite
- Durable, rubber belt safety latch prevents unintentional extension when transporting



**Model 309**  
End Hanger Detail



**Model 310**  
End Hanger Detail



# Safety Lights



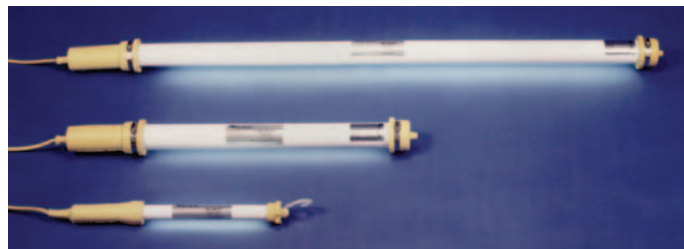
## PelBrite Work Lights

PelBrite work lights are rugged and shock protected against dropping or falling, and are precision engineered from non-breakable, non-combustible materials. Designed for dependable service under extreme conditions. Cool to the touch, easy on the eyes, and color corrected. Available in 120 volt AC or 12 volt DC. Standard lamps are 8, 15, 20, 30, and 40 watt and come with either 25 or 50 foot cords.

### 120 Volt AC

| Model         | Description                | Weight |
|---------------|----------------------------|--------|
| <b>8-1525</b> | 15 Watt, 26.5" L, 25' cord | 5 lbs  |
| <b>8-1550</b> | 15 Watt, 26.5" L, 50' cord | 6 lbs  |
| <b>8-2025</b> | 20 Watt, 32" L, 25' cord   | 7 lbs  |
| <b>8-2050</b> | 20 Watt, 32" L, 50' cord   | 8 lbs  |

12 Volt DC lamps available. Call for pricing.



| Model         | Description              | Weight |
|---------------|--------------------------|--------|
| <b>8-3025</b> | 30 Watt, 45" L, 25' cord | 9 lbs  |
| <b>8-3050</b> | 30 Watt, 45" L, 50' cord | 10 lbs |
| <b>8-4025</b> | 40 Watt, 56" L, 25' cord | 11 lbs |
| <b>8-4050</b> | 40 Watt, 56" L, 50' cord | 12 lbs |



## Fiber Optic Work Lamp

Intrinsically safe work light for use in any hazardous location. Requires projector lamp box with fiber optic lamp head. No electricity or heat generated at lamp head.

| Model             | Description   |
|-------------------|---|
| <b>8F-144X501</b> | Fiber Optic Lamp Head 144 fibers @ 1mm, 50 ft cable |
| <b>8F-288X50</b>  | Fiber Optic Lamp Head 288 fibers @ 1mm, 50 ft cable |
| <b>8F-120150</b>  | Projector for Fiber Optic Lamp 120VAC, 150 Watt     |



## Hazardous Locations Lights

This safety light is designed for hazardous locations. Cord, ballast and lamp are FM and CSA approved for:

- Class I, DIV 1 & 2, Groups C & D,
- Class II, DIV 1 & 2 Groups E, F, & G,
- Class III, DIV 1 & 2

as defined by the Article 500 of the National Electrical Code. Hazardous Location Lights are water tight to meet N.E.M.A. 4 Standard.

### 120 Volt AC

| Model          | Description       | Weight |
|----------------|-------------------|--------|
| <b>26W25EX</b> | 26 Watt, 25' cord | 11 lbs |
| <b>26W50EX</b> | 26 Watt, 50' cord | 15 lbs |





# Cable Drying Windbag



## Cable Drying Windbag-Model 7000

The 7000 Series is a cable drying "windbag" used with all Pelsue heaters and blowers to dry wet cables fast! Full length zipper openings make installation of the Windbag easy and allow quick cable inspection at any time. Strategically placed vents provide even drying of all areas of the splice. The permanently installed web straps and buckles at all ends of the Windbag ensures a snug closure around the cable. Expansion sections are available for large diameter cable, or for joining Windbags end to end. The Windbag's flame resistant fabric meets CPAI-84 standard.

| Model | Description  |
|-------|--|
| 7000  | Cable Drying Windbag w/Aluminum hose-to-hose connector (Model 2101)  |
| 7100  | Expands the diameter of model 7000 by zipping to it, allowing it to wrap around larger cable bundles.  |
| 7300  | Same as model 7000 with the addition of zippers at each end allowing the ability to join two together end to end.  |
| 7400  | Expands the diameter of model 7300 by zipping to it, allowing it to wrap around larger cable bundles, while maintaining the ability to join two together end to end. |



FIG. 1



FIG. 2



FIG. 3

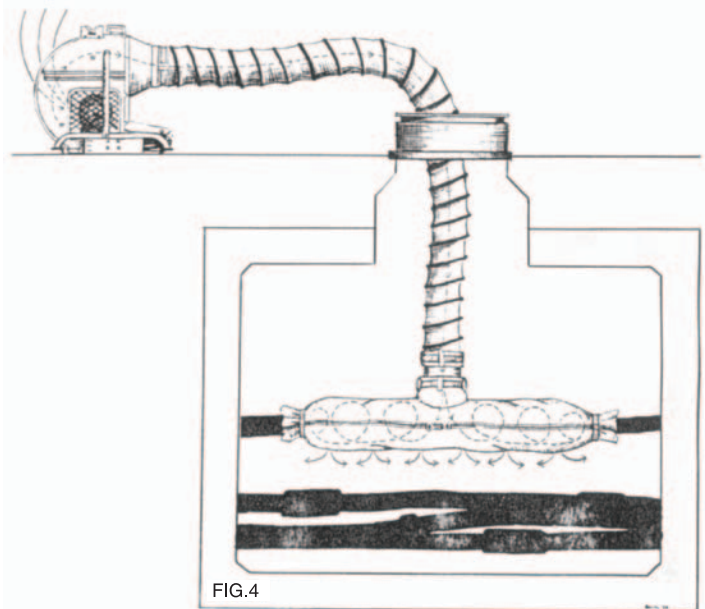
### How to dry wet cable using the Windbag...

Caution: When drying wet cables in manholes, the manhole area should be thoroughly purged prior to installation of the Windbag.

Fig. 1: Remove the cable sheath and/or the closure from the wet section and expose at least 10" (25 cm) of dry cable core on each side of the wet part. Remove all the unit binders and splice ties, and spread the core as much as possible. Separate the cable pairs and bundles so that air can flow freely around the conductors. Lay the windbag cable drying hood under the wet cable area so that the entrance of hot air is directly over the wet section.

Fig. 2: Wrap the windbag around the wet cable section and zip the ends together. Use the straps on the ends of the windbag to draw it snugly around the cable. Insert the aluminum hose-to-hose connector into the windbag collar for connection to the standard 8-inch ventilation hose.

Fig. 3: With the windbag completely closed and the ventilation hose connected to a heater/blower outside the manhole, the drying operation is ready to begin. A Pelsue Model 1500S Heater/Blower or a combination of Model 1690D Heater & 1325D Blower, is recommended to provide the maximum heat for rapid drying. Periodically the windbag should be partially unzipped, and the splice should be checked.



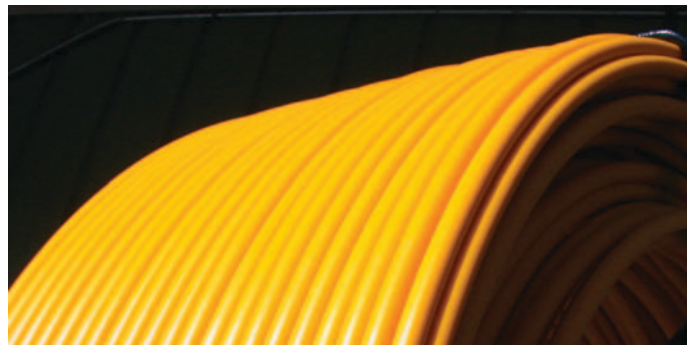
**Fig. 4 Illustrates a typical Windbag cable-drying operation. Heater/Blower should be placed a minimum of 5' from manhole opening.**

# Duct Rodders



## Duct Rodders

Non-Conductive, Tough and Durable, Highly Flexible and Lightweight! Versatility is the goal of the Pelsue M Series Duct Rodding System. With so many different applications, it is difficult for someone to anticipate just exactly what they will run up against while in the field. This is why we have developed the M Series System. It doesn't matter if you're in a home, office building, or manhole, we have a model to fit your needs!



### Mini Rodder

Developed for 1" or 2" (2.5 or 5 cm) conduit and up to 400 feet (122 m). The Mini rodder combines lightweight and portability along with high rod strength. Pulling strength is rated at 2200 lbs (998 kg) while 12" to 18" (30 to 45 cm) radius bends are easily negotiated. Especially effective for placement of wire or cable in interior building conduit.

| Model        | Length          | Weight          |
|--------------|-----------------|-----------------|
| <b>46100</b> | 100 ft (30.5 m) | 16 lb (7.3 kg)  |
| <b>46200</b> | 200 ft (61 m)   | 19 lb (8.6 kg)  |
| <b>46300</b> | 300 ft (91.5 m) | 22 lb (10 kg)   |
| <b>46400</b> | 400 ft (122 m)  | 25 lb (11.3 kg) |

Complete unit includes: 1/4" (.63 cm) diameter rod from 100' to 400' (30.5 m to 122m) lengths, Vertical stand and spool with spool brakes to avoid "spring out" effect, and threaded end fittings to accept all accessories.

### Midi Rodder

Developed for 2" or 3" (5 or 7.6 cm) conduit and up to 1000 feet (305 m). The Midi rodder combines mid range lengths with high flexibility. Pulling strength is rated at 2800 lbs (1270 kg) while 18" to 24" (45 to 61 cm) radius bends are easily negotiated. Especially effective in pulling electric cable, winch rope, and mid-range lengths of telecommunications cabling.

| Model          | Length          | Weight           |
|----------------|-----------------|------------------|
| <b>48200M</b>  | 200 ft (60 m)   | 70 lb (31.7 kg)  |
| <b>48400M</b>  | 400 ft (120 m)  | 85 lb (38.6 kg)  |
| <b>48600M</b>  | 600 ft (183 m)  | 100 lb (45.3 kg) |
| <b>48800M</b>  | 800 ft (244 m)  | 120 lb (54.4 kg) |
| <b>481000M</b> | 1000 ft (305 m) | 135 lb (61.2 kg) |

Complete Unit Includes: 3/8" (.95 cm) diameter rod from 200' to 1000' (61m to 305m), Vertical/Horizontal stand & spool with wheeled frame & spool brakes to avoid "spring out" effect, threaded end fittings to accept all accessories, units come marked in feet (add an additional "M" to part number for marking in meters).

### Maxi Rodder

Developed for 3" (7.6 cm) or larger conduit and up to 1200 feet (366 m). The Maxi rodder combines long range lengths with high superior strength. Pulling strength is rated at 3300 lbs (1496 kg) while 24" to 30" (61 cm to 76 cm) radius bends are easily negotiated. Especially effective in pulling heavy electrical and telecommunications cable in long runs. This is a domestic rod not containing the same fiber ratio as other sizes.

| Model          | Length          | Weight           |
|----------------|-----------------|------------------|
| <b>49400M</b>  | 400 ft (122 m)  | 102 lb (46.2 kg) |
| <b>49600M</b>  | 600 ft (183 m)  | 120 lb (54.4 kg) |
| <b>49800M</b>  | 800 ft (244 m)  | 138 lb (62.6 kg) |
| <b>491000M</b> | 1000 ft (305 m) | 157 lb (71.2 kg) |
| <b>491200M</b> | 1200 ft (366 m) | 170 lb (77.1 kg) |

Complete Unit Includes: 7/16" (1.1 cm) diameter rod from 400' to 1200' (120 m to 365 m), Vertical/Horizontal stand & spool with wheeled frame & spool brakes to avoid "spring out" effect, threaded end fittings to accept all accessories, units come marked in feet (add an additional "M" to part number for meters).



# Duct Rodder Accessories

## Duct Rodder Accessories



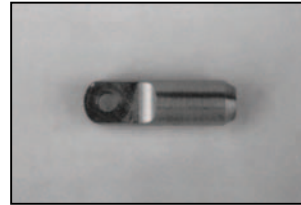
### End Line Repair Kit

Designed to repair damage at the end of the rod. Includes: instructions, adhesive, sand paper, and both the swivel as well as the solid rod end.



### In-Line Repair Kit

Designed to repair damage in-line on the rod. Includes: instructions, adhesive, sand paper, and in-line splice.



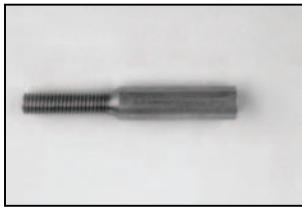
### Pulling Eye

Eye is used to tie off winch line, mule tape, or electrical conductors. Also utilized when shackle is required.



### End-Fitting Swivel

Utilized on leading end of the rod, the swivel end fitting allows line being pulled in, to twist and unwind.



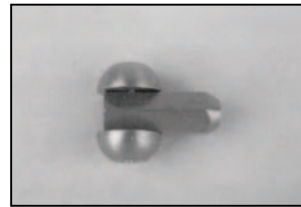
### End-Fitting Solid

Utilized on rod attached to spool. Provides greater side loading capacity when rod is being reeled off.



### Union Coupling

For joining two rodding units together outside the duct. Requires each rodder to be equipped with a swivel coupling.



### Roller Guide

Prevents end hang ups. Guides the rod over bumps, offsets, and around corners.



### Shackle

Combines with pulling eye, for use when the winch line has a closed loop eye. Also used to connect to another rod with a shackle.



### Basket Combination

For joining two rods together inside the duct. Minimum duct diameter requirement 4 in.

### Ordering Information

|                     | Mini   | Midi   | Maxi   |
|---------------------|--------|--------|--------|
| End Line Repair Kit | 46001  | 48001  | 49001  |
| In-Line Repair Kit  | 46002  | 48002  | 49002  |
| Pulling Eye         | 46003  | 49003  | 49003  |
| End-Fitting Swivel  | 46004  | 48004  | 49004  |
| End-Fitting Solid   | 46004A | 48004A | 49004A |
| Union Coupling      | 46005  | 49005  | 49005  |
| Roller Guide        | 46006  | 49006  | 49006  |
| Shackle             | 46007  | 49007  | 49007  |
| Basket Combination  | N/A    | N/A    | 49008  |





# Ground Tents & Shelters



## "A" Style Ground Tent

single zipper door w/ tie-backs

"A" Model Tents include two screen windows with roll up flaps, three tie down cords through the hub, ground flaps, single zippered front door, exterior roof line loops for tie down, carry case and three tent stakes.



## "D" Style Ground Tent

interconnectable door flap

"D" Model tents include two screen windows with roll up flaps, three tie down cords through the hub, ground flaps, heavy duty frame, wide open front, snap and D-rings with inter-connectable flaps (connect 2 tents together), ventilation hose entry sleeve, interior and exterior roof line loops for tie down, carry case and three tent stakes.



## "Z" Style Ground Tent

dual zipper roll up door

"Z" Model tents include two screen windows with roll up flaps, three tie down cords through the hub, ground flaps, heavy duty frame, wide open front, dual zipper roll up door, ventilation hose entry sleeve, interior and exterior roof line loops for tie down, carry case and three tent stakes.



### All Pelsue Ground Tents Feature:

- One-piece, instant set up
- No loose parts
- Two screened windows
- Tie-down cords through hubs
- Ground flaps for weight anchoring
- Rubber, non-slip feet
- Exterior, roof level D-rings
- Carry case & tent stakes

| Model | Size                       | Weight            | Folded Dimension         |
|-------|----------------------------|-------------------|--------------------------|
| 6504A | 48" x 48" (122 x 122 cm)   | 18 lbs (8.2 kg)   | 6" x 46" (15 x 117 cm)   |
| 6506A | 70" x 70" (178 x 178 cm)   | 20 lbs (9.1 kg)   | 6" x 56" (15 x 142 cm)   |
| 6508A | 94" x 94" (239 x 239 cm)   | 31 lbs (14.1 kg)  | 7" x 66" (18 x 168 cm)   |
| 6510A | 118" x 118" (299 x 299 cm) | 34 lbs (15.4 kg)  | 8" x 76" (20 x 193 cm)   |
| 6514A | 166" x 166" (422 x 422 cm) | 162 lbs (73.5 kg) | 10" x 124" (25 x 315 cm) |

| Model | Size                       | Weight           | Folded Dimensions        |
|-------|----------------------------|------------------|--------------------------|
| 6506Z | 70" x 70" (178 x 178 cm)   | 21 lbs (9.5 kg)  | 6" x 56" (15 x 142 cm)   |
| 6508Z | 94" x 94" (239 x 239 cm)   | 32 lbs (14.5 kg) | 7" x 66" (18 x 168 cm)   |
| 6510Z | 118" x 118" (299 x 299 cm) | 34 lbs (15.4 kg) | 8" x 76" (20 x 193 cm)   |
| 6512Z | 142" x 142" (360 x 360 cm) | 92 lbs (41.7 kg) | 10" x 100" (25 x 254 cm) |

| Model | Size                       | Weight           | Folded Dimensions        |
|-------|----------------------------|------------------|--------------------------|
| 6506D | 70" x 70" (178 x 178 cm)   | 21 lbs (9.5 kg)  | 6" x 56" (15 x 142 cm)   |
| 6508D | 94" x 94" (239 x 239 cm)   | 32 lbs (14.5 kg) | 7" x 66" (18 x 168 cm)   |
| 6510D | 118" x 118" (299 x 299 cm) | 36 lbs (16.3 kg) | 8" x 81" (20 x 205 cm)   |
| 6510C | 118" x 118" (299 x 299 cm) | 51 lbs (23.1 kg) | 8" x 88" (20 x 223 cm)   |
| 6512D | 142" x 142" (360 x 360 cm) | 94 lbs (42.6 kg) | 10" x 100" (25 x 254 cm) |

**SETS UP IN LESS  
THAN 10  
SECONDS!**

One-piece instant shelters set up as easy as 1 - 2 - 3!



# Special Tents & Shelters



## **"DRAD" Ground Tent**

D style w/rear access door

This tent incorporates the standard features found in the Pelsue "D" series ground tents, along with a 30" wide rollup rear door for personnel entry and exit. It is ideal for working up against any type of cabinet. The tent also doubles as a stand alone ground tent for construction or splicing. Two sizes available: **Model 6508DRAD and 6510DRAD.**

## **"High-5" Ground Tent**

D style w/extra height

Tent measures 6' X 6' X 8' high. Ideal for use over industrial tripod or davit retrieval hoists. May be used to cover pad or pole mounted cabinets or anywhere that additional height is required. Rear Access 1/2 moon style zipper door included. Door style velcro slit and 8" dia. heater/ventilator hose sleeve. **Model 65068A.**



## **Ground Tent w/Cable Slot**

D style w/cable slot access door

This Pelsue "D" Model ground tent features a vertical slit in the rear wall, from the hub to the ground. Slit is closed over by means of a "Velcro" style closure and a hook & ring assembly. Used to allow entry of cable or pipe when doing fusion or splicing in the tent. Includes vent sleeve. Two sizes available: **Model 6506DCS and 6508DCS.**

| Model           | Size                                    | Weight           | Folded Dimension                   |
|-----------------|---|------------------|------------------------------------|
| <b>6508DRAD</b> | 8' x 8' x 6' H (243 x 243 x 183 cm)     | 32 lb (14.5 kg)  | 7" x 7" x 66" (18 x 18 x 168 cm)   |
| <b>6510DRAD</b> | 10' x 10' x 6.5' H (305 x 305 x 198 cm) | 36 lb (16.3 kg)  | 8" x 8" x 81" (20 x 20 x 205 cm)   |
| <b>65068A</b>   | 6' x 6' x 8' H (178 x 178 x 244 cm)     | 27 lbs (12.2 kg) | 7" x 7" x 66" (18 x 18 x 169 cm)   |
| <b>6506DCS</b>  | 6' x 6' x 6' H (183 x 183 x 183 cm)     | 21 lb (9.5 kg)   | 6" x 6" x 36" (15 x 15 x 117 cm)   |
| <b>6508DCS</b>  | 8' x 8' x 6' H (243 x 243 x 183 cm)     | 32 lb (14.5 kg)  | 7" x 7" x 66" (18 x 18 x 168 cm)   |
| <b>6508LG</b>   | 8' x 8' x 6' H (243 x 243 x 183 cm)     | 38 lb (17.2 kg)  | 12" x 12" x 70" (30 x 30 x 179 cm) |
| <b>6508LGF</b>  | 8' x 8' x 6' H (243 x 243 x 183 cm)     | 41 lb (18.6 kg)  | 12" x 12" x 70" (30 x 30 x 179 cm) |
| <b>6508LGH</b>  | 8' x 8' x 6' H (243 x 243 x 183 cm)     | 47 lb (21.3 kg)  | 12" x 12" x 70" (30 x 30 x 179 cm) |
| <b>6508DES</b>  | 8' x 8' x 6.5' H (243 x 243 x 198 cm)   | 32 lb (14.5 kg)  | 7" x 7" x 66" (18 x 18 x 168 cm)   |
| <b>6510DES</b>  | 10' x 10' x 6.5' H (305 x 305 x 198 cm) | 36 lb (16.3 kg)  | 8" x 8" x 81" (20 x 20 x 205 cm)   |

## **Fiber Optic Splicing Tents**

This Pelsue Innovation features a heavier polycotton breathable fabric and solar fly/sunshade. The walls are solid white and constructed of acrylic for "breatheability" and increased light. Cable slots w/ "velcro" style closures allow easy access to cable while doors are shut. May be used with Pelsue portable air conditioners and heaters.

**6508LG** Fiber optic splice tent with solar fly, no floor.

**6508LGF** Fiber optic splice tent with solar fly and standard floor.

**6508LGH** Fiber optic splice tent with solar fly and heavy duty floor.



## **Emergency Use Tents**

Pelsue Emergency Response tents feature highly visible lime green fabric & a reflective stripe. Perfect for Fire & Police Departments, Ambulance Crews, Bio-Terror Incidents, Hazmat Decontamination, Mass Casualty Incidents, Rehab Situations, Command Post, Patient Isolation, Emergency Response, and Fire/Rescue Operations. Anywhere, anytime instant shelter is needed, these tents can be set up in seconds. Custom color, size, and logos available!

**6508DES** Ground tent, lime green & white w/reflective stripe

**6510DES** Ground tent, lime green & white w/reflective stripe

**Decon Shelter Systems** available to fit a wide variety of needs. (call for details)

**Shelter Heating, A/C Kits** also available. Propane heater, ventilator, 15' ventilator hose, plastic hose canister, and LPG hose. Air Conditioners in 13,500 (120 VAC) or 24,000 (220 VAC) models.





# Multi Use Tents



## Multi Tent - Model 6334A



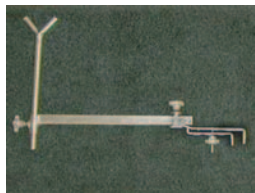
The 5-in-1 specialty tent is a single tent which, when used with the appropriate hardware, can perform multiple functions. The tent may be attached to a manhole guard, pole, ladder, strand, or bucket truck. Door style features snap & D-ring closures. Includes strand mounting hardware (P/N 63350). All other hardware ordered separately. Available in two models:

### Model 6334A

44" x 44" x 90"H (112 x 112 x 228H cm) Weight 11 lbs (5 kg)  
Folded Dimensions 6" x 6" x 35" (15 x 15 x 89 cm)

### Model 6334AN

59" x 59" x 90"H (150 x 150 x 228H cm) Weight 18 lbs (8.2 kg)  
Folded Dimensions 6" x 6" x 46" (15 x 15 x 117 cm)  
Note: when ordering hardware for this model, add "AN" to the end of hardware part number (for example: guard hdwr = 63390AN).



Bucket Hardware  
model 63360



Strand Hardware  
model 63350



Guard Hardware  
model 63390



Ladder/Pole Hdwr  
model 63380



## Trench Tents

Available in three standard sizes, these tents offer protection from the elements during trenching or boring operations. One piece construction allows for easy set up and dismantle. Openings on both ends for easy access. One-piece structure features no interior obstructions. This tent may be used as a modular setup by adding as many units (end-to-end) as required.

### Model 6408A

Dimensions 8' x 16' x 6.6'H (2.4 x 4.9 x 2.0H m)  
Weight 43 lbs (19.5 kg)  
Folded Dimensions 8" x 8" x 75" (20 x 20 x 190 cm)

### Model 6413A

Dimensions 13' x 24' x 8.25'H (3.9 x 7.3 x 2.5H m)  
Weight 109 lbs (49.5 kg)  
Folded Dimensions 12" x 16" x 100" (30.5 x 41 x 254 cm)

### Model 6416A

Dimensions  
16' x 30' x 10.25'H  
(4.9 x 9.1 x 3.1H m)  
Weight 185 lbs (83.9 kg)  
Folded Dimensions  
12" x 16" x 129"  
(30.5 x 41 x 328 cm)



## Manhole Tents

Pelsue manhole tent models 6000 and 6005 are built to fit most manhole guards on the market today having an inside pipe diameter of 3/4" (19 mm). Model 6000 includes a bowed metal frame, and fits guards with four vertical post openings. Model 6005 has a fiberglass frame and fits guards which have only the two front vertical pipes to attach to. Standard color is yellow.

### Model 6000

For use w/Pelsue Guard # 4000  
Dimensions 40" x 40" x 66" H  
(102 x 102 x 168H cm)  
Weight 8 lbs (3.6 kg)  
Folded Dimensions 6" x 6" x 38"  
(15 x 15 x 96 cm)

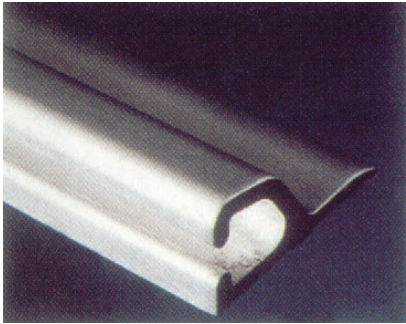
### Model 6005

For use w/Pelsue Guard # 4000A  
Dimensions 40" x 40" x 66" H  
(102 x 102 x 168H cm)  
Weight 6 lbs (2.7 kg)  
Folded Dimensions 6" x 6" x 38"  
(15 x 15 x 96 cm)





# Cabinet Tents & Shelters



## Cabinet Mounted Canopies - CM Series



A light weight, one piece canopy is attached to a cabinet or vehicle using an aluminum extruded track assembly. The track is applied to the cabinet or vehicle by a peel and stick "3M" adhesive tape which is permanent. Once the track is in place, the canopy may be installed and dismantled within seconds. Adjustable aluminum legs at the front allow for multiple cabinet heights. Has optional sidewalls which are secured to the canopy by a "Velcro" style closure. Fabric: white polyester.

### CM Series Track System

The tracks used in the CM series tents & canopies are extruded aluminum and come with a "3M Brand -VHB" adhesive backing. This is a permanent bond adhesive and appropriate care should be taken during installation. Tracks must be installed on a clean, dry surface, and at an ambient temperature of no less than 50 degrees F, or 10 degrees C. Weight: 36" = 1 lb (.914M = 45g)

Order in 1-inch increments in lengths of 28" - 115".  
Use model # CMT + 000 + length in inches. (for example: 48" = CMT 000 48)

\* Note: Custom canopies available - call for details.

Also available: "CM" Series Cabinet Mounted Tents (same as above but w/hub & rod assembly side walls).  
Special Track Kits and Custom Built Tents available to fit a wide variety of cabinets.



## Work Umbrella

Universal style work umbrella. Sturdy PVC fabric (yellow), with wood mast.

### Model 6772

72" diameter work umbrella, yellow.

## NFPA Lifeline Safety Rope

Our Lifeline is a product of over 20 years of development. Experience, field-testing and design research has made our Lifeline the highest quality and best performing rescue ropes anywhere. Our Lifeline Safety Ropes are specifically designed for raising and lowering human life under the most severe conditions. Our thicker 16-strand sheath provides durability, resistance to abrasion as well as exceptional gripping power. Features excellent handling characteristics: balanced between enough stiffness for rappelling yet pliable enough for easy handling.

Smaller diameter rope is designed to be used for personal escape and safety lines. Larger diameter rope is designed to be used for Heavy Duty Search & Rescue, Fire Rescue, Mountain Rescue, Industrial Rescue, Rappelling, Litter Hauling, Confined Space Entry, Police Tactical Situations, and Military Operations.



Made in the USA



| Model        | Dia.         | Color                        | MBS lbs.(kN)   | NFPA Rating            | Approx. Wt. (lbs./100') |
|--------------|--------------|------------------------------|----------------|------------------------|-------------------------|
| PR375N-OW600 | 3/8" (9.5mm) | Orange w/ White Tracer       | 5,625 (25 kN)  | 1 Person (lite use)    | 4.9                     |
| PR437N-BW600 | 7/16" (11mm) | Blue w/ White Tracer         | 6,800 (30 kN)  | 1 Person (lite use)    | 6.4                     |
| PR437N-KK600 | 7/16" (11mm) | Solid Black                  | 6,800 (30 kN)  | 1 Person (lite use)    | 6.4                     |
| PR437N-OW600 | 7/16" (11mm) | Orange w/ White Tracer       | 6,800 (30 kN)  | 1 Person (lite use)    | 6.4                     |
| PR437N-WO600 | 7/16" (11mm) | White w/ Orange Tracer       | 6,800 (30 kN)  | 1 Person (lite use)    | 6.4                     |
| PR500N-BW600 | 1/2" (13mm)  | Blue w/ White Tracer         | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR500N-KK600 | 1/2" (13mm)  | Solid Black                  | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR500N-OB600 | 1/2" (13mm)  | Orange w/ Blue Refl. Tracer* | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR500N-OW600 | 1/2" (13mm)  | Orange w/ White Tracer       | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR500N-RW600 | 1/2" (13mm)  | Red w/ White Tracer          | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR500N-WO600 | 1/2" (13mm)  | White w/ Orange Tracer       | 9,450 (42 kN)  | 2 Person (general use) | 8.7                     |
| PR625N-OW    | 5/8" (16mm)  | Orange w/ White Tracer       | 11,250 (50 kN) | 2 Person (general use) | 12.4                    |

\* Denotes Lifeline with Reflective Strand. Great for Confined Spaces.

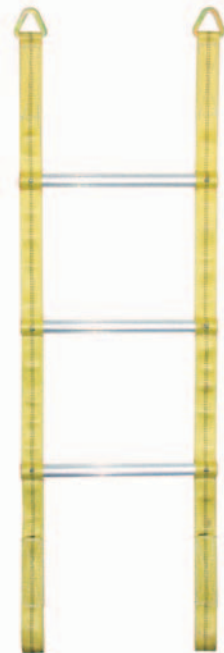
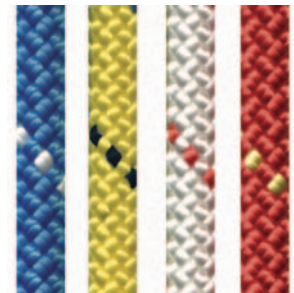
- 600' spools Standard (1200' special request)
- Certification: Meets UL Third Party Testing Classified to NFPA 1983-2001 edition standards.
- Construction: Static Kernmantle, 16-Carrier Braided Nylon Sheath over a Block Creel Continuous Filament Nylon Core. 100% Nylon Material. Melting Temperature: 450°F
- Sheath: 16-Carrier, Torque Balanced, Braided Jacket with S-Z Twist - half of the strands have a right twist (S) half of the strands have a left twist (Z)
- Labeling: Internal labeling includes: Date of Mfg, Lot#, Type of Material, Mfg. Name, and Standard to meet NFPA 1983-01 ed.

## Prusik Cord Accessory Rope

16 Strand, Nylon Kernmantle Construction provides our Prusik rope with superior holding power for prusik hitches and other rigging applications. Features outstanding abrasion resistance, yet soft enough for good holding power. Only available in 600' spools.



| Model        | Dia.        | Color                   | MBS lbs.(kN) | Wt. (lbs./100') |
|--------------|-------------|-------------------------|--------------|-----------------|
| PR250P-BW600 | 1/4" (7mm)  | Blue w/ White Tracer    | 3000 (13)    | 1.9             |
| PR250P-WR600 | 1/4" (7mm)  | White w/ Red Tracer     | 3000 (13)    | 1.9             |
| PR312P-BW600 | 5/16" (8mm) | Blue w/ White Tracer    | 3700 (16)    | 2.7             |
| PR312P-WR600 | 5/16" (8mm) | White w/ Red Tracer     | 3700 (16)    | 2.7             |
| PR312P-RY600 | 5/16" (8mm) | Red w/ Yellow Tracer    | 3700 (16)    | 2.7             |
| PR312P-YK600 | 5/16" (8mm) | Yellow w/ Black Tracer  | 3700 (16)    | 2.7             |
| PR312P-OY600 | 5/16" (8mm) | Orange w/ Yellow Tracer | 3700 (16)    | 2.7             |



## Emergency Roll-Up Ladder

Light weight nylon web/aluminum rung ladder system. Webbing is 1-3/4" wide rated for 10,000 lbs. Rungs are extruded aluminum CSA approved for a 300 lb. work load.

Distance between side rails = 14"

Distance between rungs = 13 1/2"

Weight = 0.75 lbs per foot

Available with or without 4" aluminum stand-offs

| Model    | Description  |
|----------|--|
| PLAD010  | Roll up emergency ladder, no stand-offs, 10 feet   |
| PLAD010S | Roll up emergency ladder, with stand-offs, 10 feet |
| PLAD025  | Roll up emergency ladder, no stand-offs, 25 feet   |
| PLAD025S | Roll up emergency ladder, with stand-offs, 25 feet |
| PLAD040  | Roll up emergency ladder, no stand-offs, 40 feet   |
| PLAD040S | Roll up emergency ladder, with stand-offs, 40 feet |



## Locking Carabiner

This KONG™ biner is built with the classic "Large-D" shape and has a gate that opens more than 1" to fit over larger objects. Twist lock gate ensures safety and meets OSHA standards for industrial connectors.

**Model P102 MBS** 11,250 lbs. NFPA-G Certified.



# Rescue Tripod



**Tripod head detail**

Cast-aluminum head

Anchor Points

Cable-Ready Pulley



The Pelsue Man Rated Winch can be easily attached to the leg.  
**Model PLPS806MR-70-A.**



Tripod feet feature anti-skid rubber base plates for slick surfaces...



and/or a claw-type point for soft ground.

## Pelsue Rescue Tripod

The Pelsue Rescue Tripod is designed for industrial rescue applications. Telescoping anodized-aluminum legs allow for height adjustments in 5" increments per leg. The legs also adjust to any angle to meet the most demanding situations! Cast-aluminum head has three heavy duty rigging anchor points plus a built-in, man rated, cable ready pulley. Our rescue tripod adjusts to 11'-6" allowing for full retrieval of a litter basket in vertical rescues.

### Features:

- Minimum height: 6' (183 cm) Model P054, 4' (122cm) Model RT107
- Maximum height: 11'6" (350 cm) Model P054, 7' (213cm) Model RT07
- Weight: 62 lbs. (28 kg) Model P054, 57 lbs (26kg) Model RT07
- Three rigging anchor points proof rated to 5000 lbs. (22 kN) at fully extended height
- Built-in cable ready pulley
- No load supporting welds
- Adjustable telescoping legs - 5" increments
- Feet convert to soft ground anchors and are predrilled for anchor bolts or stakes
- Base chain included to maintain stability

### Pelsue Rescue Tripod Carry Case

Convenient carry case designed to hold the P054 Pelsue Rescue Tripod. Constructed from heavy duty PVC and Cordura fabrics for long lasting protection and abrasion resistance. Includes carry handles in the center and at either end. Full length zipper allows easy access for placing or removing the tripod.

**Model P057 for tripod RT07**  
**Model P058 for tripod P054**



| Model                  | Description   |
|------------------------|---|
| <b>P054</b>            | Pelsue Rescue Tripod - With Built In Cable Pulley - 6' to 11'6"                 |
| <b>RT07</b>            | Pelsue Rescue Tripod - With Built In Cable Pulley - 4' to 7'                    |
| <b>P057</b>            | Heavy Duty Carry Case For RT07 Tripod   |
| <b>P058</b>            | Heavy Duty Carry Case For P054 Tripod   |
| <b>P059</b>            | Pulley Assembly For P700 Tripod - Includes Cable Pulley & Steel Carabiner       |
| <b>P700</b>            | Industrial Rescue Tripod - Max. Ht. 7'  |
| <b>PLPS806MR-70-A</b>  | Winch with 70' X 3/16" Stainless Steel Cable & Bracket For P054 or RT07 Tripod  |
| <b>PLPS806MR-70-B</b>  | Winch with 70' X 3/16" Stainless Steel Cable & Bracket For P700 Tripod          |
| <b>PLPS807MR-100-A</b> | Winch with 100' X 3/16" Stainless Steel Cable & Bracket For P054 or RT07 Tripod |
| <b>PLPS807MR-100-B</b> | Winch with 100' X 3/16" Stainless Steel Cable & Bracket For P700 Tripod         |

## Industrial Tripod

This 7 ft. Industrial Tripod is a portable, lightweight, high strength anchor. This unit is perfect for utility workers. The locking legs are great for one man rescue crews.

### Features:

- adjustable telescoping legs
- cast aluminum head w/ two forged steel eyebolts
- locking mechanism to secure legs in working position
- anti-skid rubber feet
- leg chains for secondary backup
- supports 5,000 lbs. (OSHA compliant)

### Model P700 (7 ft. Tripod)

- Height: 4'-7'
- Weight: 40 lbs.
- Leg Span: 60"
- Working Load: 310 lbs.

### Recommended devices /accessories:

PSRL0350-SS: Three-Way Recovery Unit/Retractable Lifeline - (50') 3/16" Stainless Steel Cable

## Rescue Pulley System - 4:1 Mech. Adv.

This 4:1 Rescue System comes pre-rigged so you don't have to worry about setting up a complicated haul system. Available in two lengths 35' or 50'. The double sheave pulley is built with an auto lock cam which grips the rope as it is pulled through the system. You can manually release the cam even under load to lower or raise.

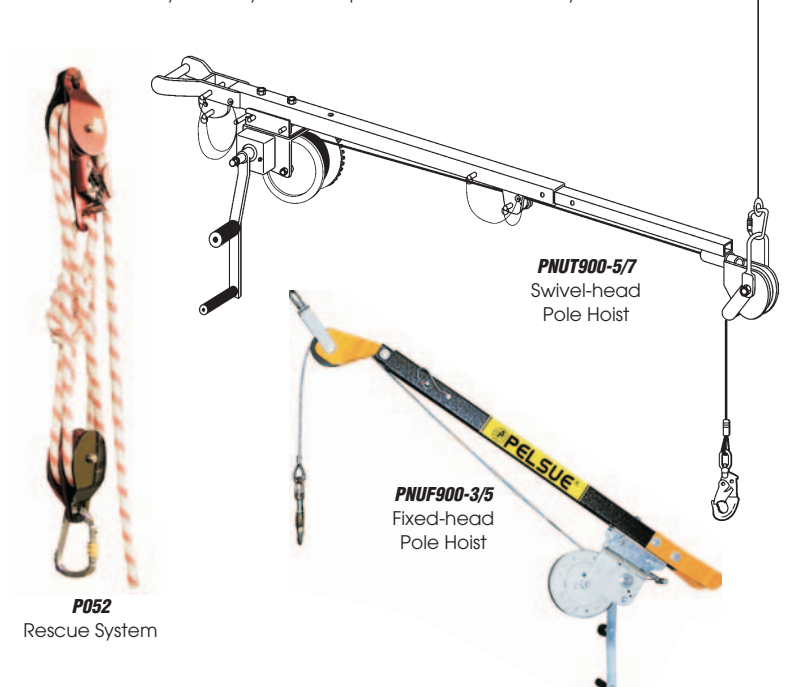
## Pole Hoist

Get rescue/retrieval capabilities by attaching the pole hoist to a tower tie off ring. Works just like a fishing pole! The swivel head models allow for both vertical and horizontal retrieval in areas of limited space. It is available in expandable 3' to 5', 5' to 7' or 6' to 10' models. Comes complete with winch bracket (winch sold separately). Optional adjustable aluminum T-bar leg available for extra stability.

| Model        | Description                                 |
|--------------|---|
| P052         | 4:1 M.A. Rescue System 35 ft. Max lift      |
| P053         | 4:1 M.A. Rescue System 50 ft. Max lift      |
| PNUF900-3/5  | 3' TO 5' Adjustable Fixed-head Pole Hoist   |
| PNUT900-5/7  | 5' to 7' Adjustable Swivel-head Pole Hoist  |
| PNUT900-6/10 | 6' to 10' Adjustable Swivel-head Pole Hoist |
| PNUT900-TBL  | Adjustable T-bar Leg for support            |



Model P059 Pulley Assembly For P700 Tripod - Includes Cable Pulley and Steel Carabiner



# Man-Rated Winches



## PLPS Series Man Rated Winches

The PLPS series winch is designed to attach to a person that is entering or exiting from a confined space. It is built with an internal braking system to prevent the accidental pay out of line, as well as a backup locking pawl system to prevent "free-wheeling" of the winch. Cable extension (pay out) should occur ONLY when the handle is turned counterclockwise AND a force of AT LEAST 10 lbs.(4.5 kg.) is applied to the line. The winch frame back plate attaches to a mounting plate which can then be mated to the various Pelsue structures and components.

### Features:

- Man rated to 350 lbs.
- 10:1 safety factor
- 5.5:1 gear ratio single speed drive
- Retrieval rate of 23' per minute
- Continuous braking drive prevents free wheeling
- Double pawls on friction brake provide back up safety
- Low wear, high temperature brake pads eliminate brake maintenance for life of the winch
- Anti-friction drive bearings assure trouble free life in continuous use
- Three permanent wraps of cable on the drum to assure low cable attachment loads
- Level wind springs prevent loosening of cable lays
- Slip clutch drive prevents back winding of cable drum
- Galvanic zinc coating of all metal parts reduces corrosion in harsh environments
- Double action locking swivel snap hook is provided that can be used with remote connect/disconnect equipment
- Mounting means provided for quick attachment
- Available with stainless steel cable or synthetic rope

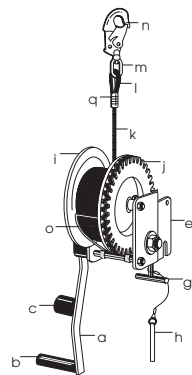
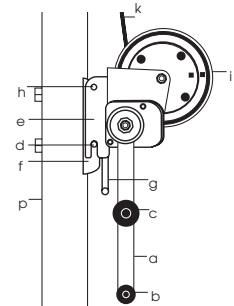
| Model         | Description       | Weight |
|---------------|-------------------|--------|
| PLPS806MR-70  | 70' S/S Cable     | 30 Lbs |
| PLPS807MR-100 | 100' S/S Cable    | 38 Lbs |
| PLPS808MR-150 | 150' S/S Cable    | 40 Lbs |
| PLPS811MR-300 | 300' S/S Cable    | 48 Lbs |
| PLPS906MR-70  | 70' Synth. Cable  | 25 Lbs |
| PLPS907MR-100 | 100' Synth. Cable | 30 Lbs |
| PLPS909MR-150 | 150' Synth. Cable | 32 Lbs |



PLPS806MR-70

### Principle Components

- |                   |                        |
|-------------------|------------------------|
| a. Crank          | j. Drum Gear Drive     |
| b. Crank Handle   | k. Cable               |
| c. Speed Handle   | l. Cable Thimble       |
| d. Anchor Rod     | m. Swivel              |
| e. Back Plate     | n. Snap Lock Connector |
| f. Mounting Plate | o. Level Wind Rollers  |
| g. Lift Handle    | p. Typical Structure   |
| h. Hitch Pin      | q. Cable Crimp         |
| i. Drum           |                        |



## Winch Brackets

The PNUH Series brackets are required to mount the PLPS series Winch to either the Davit Retrieval System or Tripods. A variety of brackets and adapters are available to configure other manufacturer's winches or SRL's to Pelsue Retrieval equipment.

| Model       | Description   |
|-------------|---|
| PNUH-PLPS-F | Quick-connect Winch bracket for Pelsue & DBI Davit Systems - flat         |
| PNUH-PLPS-C | Quick-connect Winch bracket for UniHoist & DBI Davit Systems - curved     |
| PNUH-P054   | Quick-connect Winch bracket for Pelsue Rescue-P054 & Skedco tripod models |
| PNUH-P054-A | Channel only for P054 Tripod (mounts to back plate on winch)              |
| PNUH-P700   | Quick-connect Winch bracket for P700 Tripod                               |
| PNUH-P700-A | Channel only for P700 Tripod (mounts to back plate on winch)              |



PNUH-PLPS-F



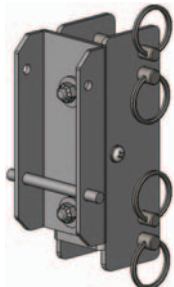
PNUH-PLPS-C



PNUH-P054



PNUH-P054-A



PNUH-P700



PNUH-P700-A



# Self-Retracting Lifelines

## Self Retracting Lifelines

Three-way recovery units & Self Retracting Lifelines are designed for use by construction workers, utility personnel, and maintenance repair employees needing on-the-job fall protection. The stopping distance for all models is less than 2'. These units are also used in confined spaces such as manholes, tanks, vaults, and other confined areas, where fall-arrest and retrieval rescue are extremely important.

As a general rule, OSHA requires the use of fall protection for anyone working six or more feet above the base level of any work area (OSHA 1926.501).

When entering a confined space by ladder or other fixed structure, or while being lowered mechanically by a manrated winch, a worker must be attached to an independent lifeline for adequate fall protection.

Self Retracting Lifelines will only arrest a fall, they do not provide retrieval capabilities. The three-way recovery unit can be used for fall protection as well as retrieval if an emergency should occur. Can be mounted to the Davit Retrieval System or Tripod.

| Model               | Description   |
|---------------------|---|
| <b>PSRL0350-SS:</b> | Three-Way Recovery/Retractable Lifeline (50') 3/16" Stainless Steel Cable |
| <b>PSRL0130-SS:</b> | Retractable Lifeline - (30') 3/16" Stainless Steel Cable                  |
| <b>PSRL0120-W:</b>  | Retractable Lifeline - (20') 1" Polyester Webbing                         |

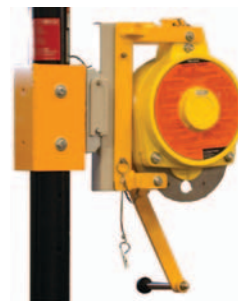
Under no circumstances shall the three-way be used for routine raising and lowering (use a man-rated PLPS series winch for raising and lowering).

### Features:

- Arrest Distance within 2 feet
- Stress indicator to warn user that unit has arrested a fall
- 3/16" galvanized steel cable, stainless steel cable, Technora rope, or Webbing
- Cable Length: 25-65 ft. Webbing Length: 20-30 ft.
- Internal components made of bronze, stainless steel and aluminum
- Stamped steel housing protected with zinc plating
- Working Load: 310 lbs.

Self-retracting lifelines require a carabiner for attachment to anchorage.

**Meet OSHA, ANSI and EN standards.**



**PSRL0350-SS**  
Three-Way Recovery Lifeline  
50' Stainless Steel Cable



**PSRL0120-W**  
Self Retracting Lifeline  
20' Polyester Webbing

**PSRL0130-SS**  
Self Retracting Lifeline  
30' Stainless Steel Cable

## Self Rescue Descender

Used with 1/2" diameter braided nylon rope, this device allows workers to lower themselves from heights of up to 200 feet safely. The patented controller allows for descent speeds up to 7 feet per second. Unique overspeed control stops the descent should the worker panic and hold the controller in the open position, causing speed to exceed 7 feet per second.

May also be used as a two man rescue device where the rescuer may descend to a victim and retrieve him. Two people may be lowered together on one descender.

Speed is controlled by the number of twists around the shank of the descender, as well as by the cam style control lever.

Comes with retrieval lanyard.  
Rope sold separately.

**Model CD01**



# Fall Arrest Towers



## Uni-Lite Fall Arrest Tower

The Uni-Lite fall arrest tower is intended to provide an elevated fall arrest anchorage for up to three persons. The system is composed of a composite tube and cast aluminum base.

The upper insert features a 360° swivel tie off for attachment of up to three personal fall arrest systems, when used in conjunction with a 900 lb. MAF (Maximum Arrest Force) fall arrest device.

The composite tower is inserted into a cast aluminum base that can be pinned in place to any one of the various base plates (may be used with a number of different weld-on or bolt-on mounting bases (see below). May also be used with the adjustable anchor clamp).

This portable anchorage system can be used on top of transformers and other areas where walking/working surface hazards may be present.

Certified as a 3-person fall arrest anchorage as per OSHA Section 1910.66 & ANSI Section A10.14.

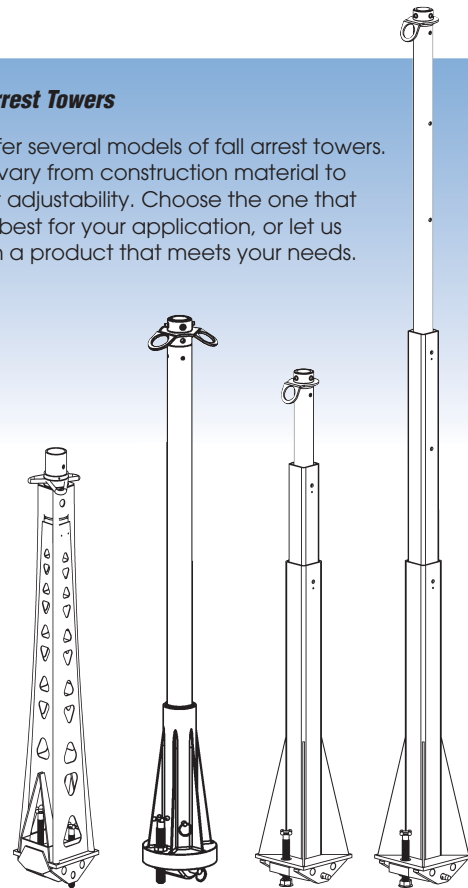
| Model               | Description                                |
|---------------------|--|
| <b>PNUL4000-P1A</b> | Uni-Lite Fall Arrest Tower                 |
| <b>PNUH4000-P2A</b> | Aluminum Fall Arrest Tower                 |
| <b>PNUH7000-T</b>   | Extendable Fall Arrest Tower               |
| <b>PNUH4000-2</b>   | Weld on Base Plate                         |
| <b>PNUH4000-2M</b>  | Bolt on Base Plate                         |
| <b>PNUH4000-3F</b>  | Bolt on Base Plate Adapter                 |
| <b>PNUH4000-RPB</b> | Round Base Plate                           |
| <b>PNUH7000-3R</b>  | Round Base Plate for stud weld             |
| <b>PLPS-AC-4/14</b> | Anchor Clamp Base - adjustable             |
| <b>122870-001</b>   | Padded Carry Case For UniLite Tower & Base |



**PNUL4000-P1A**

## Fall Arrest Towers

We offer several models of fall arrest towers. Styles vary from construction material to height adjustability. Choose the one that works best for your application, or let us design a product that meets your needs.



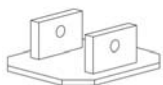
**PNUH4000-P2A**

**PNUL4000-P1A**

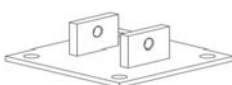
**PNUH7000-T**

## Fall Arrest Tower Base Plates

The base plates shown below provide multiple attachment options for the various fall arrest towers. Once the base plate is attached, the tower simply pins in place for use. If you don't see a unit that works for your application, let us know and we'll be glad to engineer something for your needs.



Weld-on  
Base Plate  
**PNUH4000-2**



Bolt-on  
Base Plate  
**PNUH4000-2M**



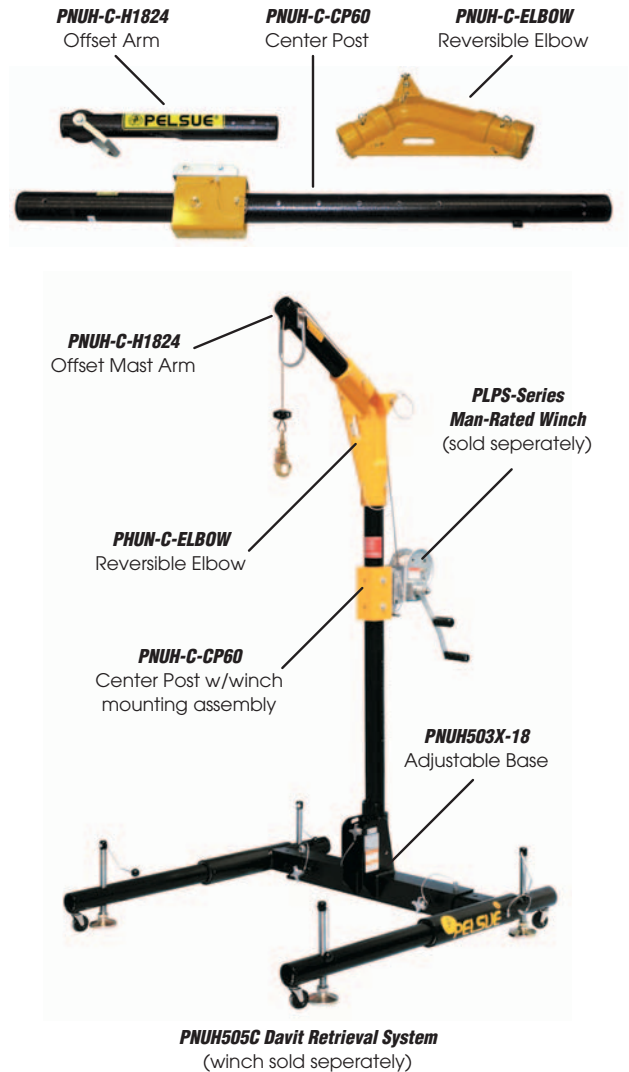
Anchor Clamp  
Base Plate/Tie Off  
**PLPS-AC-4/14**

# Davit Arm Retrieval

## Davit Arm Retrieval System Patent Pending

Our component based davit assembly can be mated with many styles of bases. The mast consists of an aluminum offset tube, cast aluminum elbow section, and aluminum center post with winch mounting bracket. Cast aluminum elbow units are reversible and provide cost effective, versatile means of achieving multiple offset reaches. Assemblies are offered as adjustable offset units capable of either an 18"/24" or 30"/36" or 42"/48" offset reach. All davits are man rated to 350 lbs. and offer a universal bracket for attachment of alternate lifting systems and/or 900 lb. MAF fall arrest devices. Assembly provides locations for up to two winch mounting plates. One standard Pelsue winch mounting plate is provided with the assembly.

| Model               | Description                                    |
|---------------------|--|
| <b>PNUH-C-CP60</b>  | 60" Center Post w/winch bracket (26 Lbs)       |
| <b>PNUH-C-ELBOW</b> | Cast Elbow - reversible (10 Lbs)               |
| <b>PNUH-C-H1824</b> | 18"/24" Offset Mast - arm only (7 Lbs)         |
| <b>PNUH-C-H3036</b> | 30"/36" Offset Mast - arm only (10 Lbs)        |
| <b>PNUH-C-H4248</b> | 42"/48" Offset Mast - arm only (12 Lbs)        |
| <b>PNUH1824</b>     | 18"/24" Offset Mast, Rev. Elbow, & Center Post |
| <b>PNUH3036</b>     | 30"/36" Offset Mast, Rev. Elbow, & Center Post |
| <b>PNUH4248</b>     | 42"/48" Offset Mast, Rev. Elbow, & Center Post |
| <b>PNUH503X-18</b>  | Base - expandable from 36" to 56" ID (100 lbs) |
| <b>PNUH503X-24</b>  | Base - expandable from 46" to 66" ID (115 lbs) |



## PNUH505C & PNUH505C-FD

Kit includes the adjustable three-piece base and the PNUH1824 offset davit system with adjustable offset reach from 18" to 24". Kit also includes a winch mounting bracket which will accommodate our PLPS Series winches - see pg. 28 "Man-Rated Winches" for bracket options (winch is not included). Just add a winch and you're ready for retrieval!

| Model              | Description  |
|--------------------|--|
| <b>PNUH505C</b>    | Davit Arm (18"/24" offset) & Adjustable Base (36" - 56") |
| <b>PNUH505C-FD</b> | Davit Arm (18"/24" offset) & Adjustable Base (46" - 66") |



# Davit System Sleeves



## Permanent Mount Sleeves

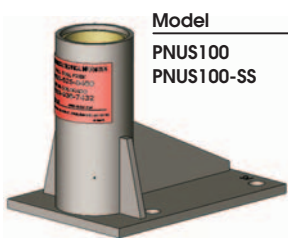
- Available in plated steel or stainless steel
- Allow masts to pivot 360°
- Drain holes eliminate water buildup
- ABS liners with PVC slip plates
- Accepts up to 48" offset masts
- Sleeve is always on site

**Note:** "SS" denotes stainless steel models

### Floor Mounted

The floor mount is anchored by bolts, or it welds to a variety of surfaces such as floors, truck beds, catwalks, etc. Contact Pelsue for specific installation requirements.

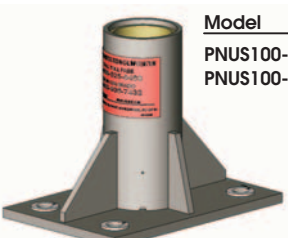
| Model      | Weight |
|------------|--------|
| PNUS100    | 24 lbs |
| PNUS100-SS | 24 lbs |



### Center Floor Mounted

The center floor mount is anchored by bolts, or it welds to a variety of surfaces such as floors, truck beds, catwalks, etc. Please contact Pelsue for specific installation requirements.


| Model         | Weight |
|---------------|--------|
| PNUS100-CM    | 24 lbs |
| PNUS100-CM-SS | 24 lbs |



### Sleeve Caps

Used to seal sleeves when not in use. Available in zinc plated steel, stainless steel or ABS plastic.

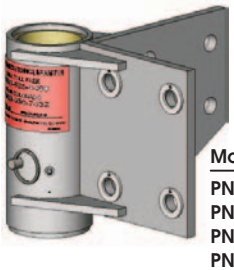
| Model                 | Weight  |
|-----------------------|---------|
| PNUS106               | 1 lbs   |
| PNUS106-SS            | 1 lbs   |
| PNUS107 (ABS Plastic) | .24 lbs |



### Corner Mounted

Your choice of outside 90° angle or inside 90° angle. The corner mount is anchored by bolts to reinforced truck bumpers, walls, etc. Please contact Pelsue for specific installation requirements.


| Model           | Weight |
|-----------------|--------|
| PNUS101-O-90    | 26 lbs |
| PNUS101-O-90-SS | 26 lbs |
| PNUS101-I-90    | 26 lbs |
| PNUS101-I-90-SS | 26 lbs |



### Wall Mounted

The wall mount is anchored by bolts or welds to truck bumpers, tank walls, sides of catwalks, meter pits, clarifiers, etc. Please contact Pelsue for specific installation requirements.


| Model      | Weight |
|------------|--------|
| PNUS101    | 22 lbs |
| PNUS101-SS | 22 lbs |



### Cylinder Core

The cylinder core mount is drilled into existing concrete or poured into fresh concrete and must be secured to the concrete with grout or epoxy compatible with plant conditions. Please contact Pelsue for specific installation requirements.

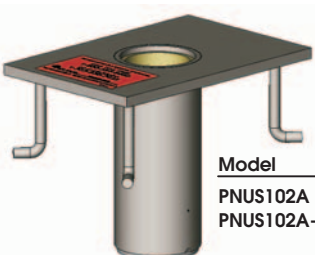
| Model         | Weight |
|---------------|--------|
| PNUS105-CS    | 8 lbs  |
| PNUS105-CS-SS | 8 lbs  |



### Flush Floor Mounted

Placed in fresh concrete, this sleeve mounts flush with the floor and is great for high traffic areas where trip hazards are a concern. Please contact Pelsue for specific installation requirements.

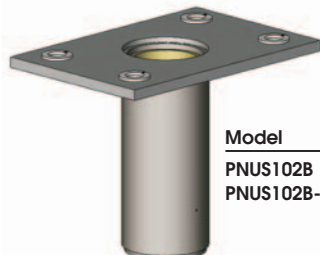
| Model       | Weight |
|-------------|--------|
| PNUS102A    | 21 lbs |
| PNUS102A-SS | 21 lbs |



### Flush Floor Mounted

The existing concrete flush floor mount is drilled and bolted in concrete or welded or bolted in steel. Great for high traffic areas where trip hazards are a concern. Please contact Pelsue for specific installation requirements.

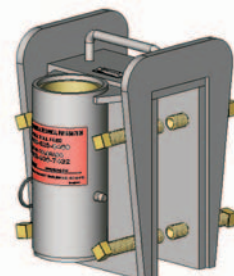
| Model       | Weight |
|-------------|--------|
| PNUS102B    | 23 lbs |
| PNUS102B-SS | 23 lbs |



### Portable Wall Mount

The PNUS103 portable wall mount is made of zinc plated carbon steel. Clamping via eight bolts, the wall mount straddles walls of tanks, caissons, shorings, etc. up to 3" thick.

| Model   | Weight |
|---------|--------|
| PNUS103 | 58 lbs |

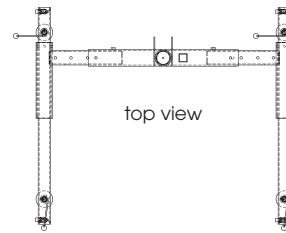


# Davit System Bases

## Expandable Base

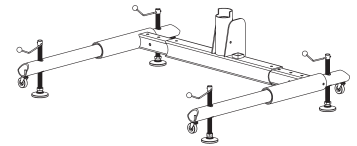
Made of 6061-T6 powder coated aluminum. The three piece base is available in two models: 36" to 56" inside diameter and 46" to 66" inside diameter. Units are only to be used with the PNUH1824 offset arm. Proof loaded to 5,000 lbs. with a 24" offset (**note: maximum offset cannot exceed 24"**). Certified to OSHA Regulations and ANSI Z359 Standards. Base features screw legs for adjustment on uneven terrain and base wheels which allow for the unit to be moved from one site to another without disassembling the system. Sleeve comes with ABS liner and PVC slip plate.

| Model       | Description        | Weight  |
|-------------|--------------------|---------|
| PNUH503X-18 | Base 36" to 56" ID | 100 lbs |
| PNUH503X-24 | Base 46" to 66" ID | 115 lbs |

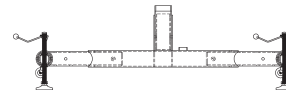


top view

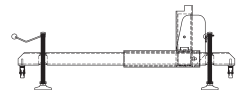
PNUH503X-18



front view



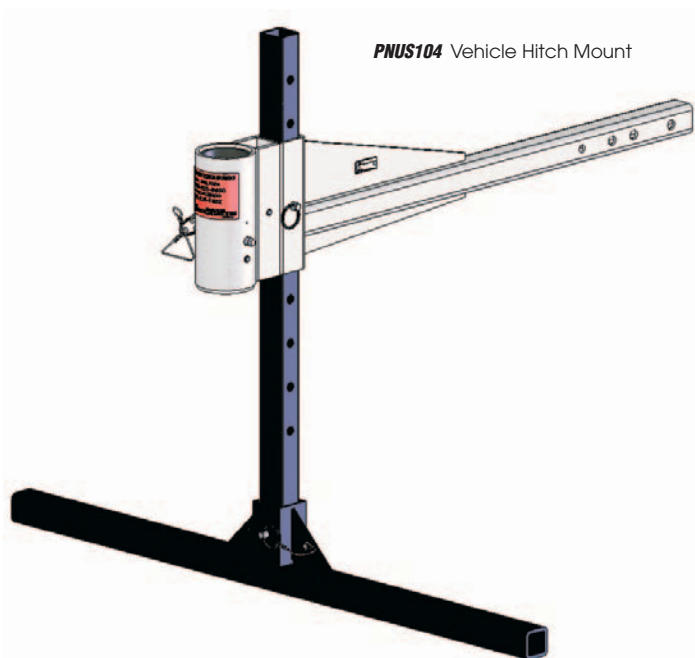
side view



## Vehicle Hitch Mount Base

**PNUH104** Vehicle hitch mount connects with 2" square vehicle receivers. Includes aluminum "T-Bar" stabilizer leg. Designed for maximum 24" offset davit system. Modular system offers many accessories to adapt hitch mount to your needs. Sleeve includes ABS liner and PVC slip plate.

**PNUH104KT** Kit includes vehicle hitch mount PNUH104 and davit system PNUH1824. Davit assembly includes standard Pelsue winch mount bracket. Winch not included.



# Special Retrieval Systems



## Counterweight Cart

The PNUS104-WD is a davit retrieval system base utilizing a counterbalance technique. The unit features a steel cart, with heavy duty casters. Excellent for entry into glass lined reactors and open pits.

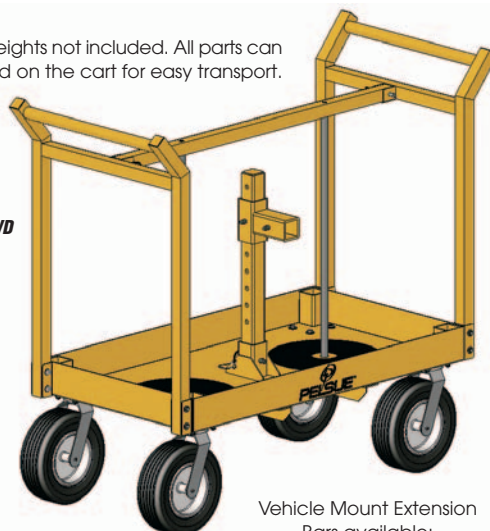
Cart can be used with either a 2', 4', or 6' extension and a PNUH1824 offset mast. Maximum offset varies with length of extension used.

Masts and offset davit arms not included. Minimum counterweight must be used to achieve stability. Contact Pelsue for details.

| Model                            | Description                               |
|----------------------------------|---|
| <b>PNUS104-WD</b><br>(Cart Only) | CounterWeight Cart only no accessories    |
| <b>PNUS104-WDK</b>               | CounterWeight Cart w/outrigging equipment |

Note: Weights not included. All parts can be stored on the cart for easy transport.

**PNUS104-WD**



Vehicle Mount Extension Bars available:

**PNUS104-EXT-2** (2 ft.)  
**PNUS104-EXT-4** (4 ft.)  
**PNUS104-EXT-6** (6 ft.)

## Forklift Basket

The **PNUF600-A** Forklift Basket is intended to be used as a safe place for an attendant performing retrieval operations at heights. By attaching a PNUH1824 davit system w/winch, the operator can be lifted by a forklift and lift or lower workers into position. Unit includes complete basket w/side rails, floor mounted davit sleeve, operator tie-off anchor, and forklift security chain.

### General Specifications:

Sleeve included w/capability of 30" offset arm for retrieval/fall arrest anchorage.

5000 lb. (2268 Kg) Proof loaded attendant anchorage point.

Man Rated Load Capacity (x2).....350 lbs. (159 Kg)  
 Attendant & Entrant

### Warning!

900 lb. maximum arrest force fall arrest device must be used when system is employed as part of a complete fall arrest system.

### Materials & Construction:

General Construction..... 6061-T6 Aluminum  
 Weight.....150 lbs. (68 Kg)

**PNUF600-A** Forklift Basket with PNUH1824 Davit System





# Utility & Construction Vehicles

## **Fiber Optic Splicing Trailer a.k.a. "FOST"**

- All Aluminum Construction
- R-11 Insulation in Walls & Ceiling
- Single Piece Aluminum Roof
- Pierce & Roll Fastening
- Heavy Duty, 2" Thick, Double Sealed Doors
- Cable Access Doors w/Dust Skirt
- Interior Designed to Maximize Productivity
- Generators from 5 kw
- Kemlite® Interior Walls
- Interlocking, Tongue & Groove Aluminum Floor
- Extruded Aluminum Chassis



## **Splicing Van - a.k.a. "High-Cube" Fiber Optic & Copper Maintenance**

This truck is intended to be used as a mobile laboratory for fiber optic splicing activity. The truck is to be self-contained, with its own electric power source, climate control and dust free environment.

The general vehicle requirements will be specified by the customer. These requirements will state cab chassis or cutaway chassis preference, 2 wheel drive or 4 wheel drive, and fuel choice. Suspension rating, cab-axle length, and other features to be determined at time of quote request.

## **Complete Underground Maintenance, Repair and Service!**

This model is available in either a truck or trailer. It is intended to be used for all aspects of underground maintenance. Units are self-contained, with their own power source, storage and climate control.

- Fiberglass Body
- DOT Approved Lighting
- Ventilation & Heat
- 10 to 12 KW Gensets
- Compressed Air
- Dry Air
- 120/240V AC Electricity
- Submersible Water Pump
- Safety Lights & Beacons
- Storage Compartments
- Guard & Shield Carrier
- Arrow Board





'06  
EQUIPMENT

ADDRESS: 2500 S. Tejon Street,  
Englewood, CO 80110

TOLL FREE: 1-800-525-8460  
PHONE: (303) 936-7432  
FAX: (303) 934-5581

EMAIL: [Sales@Pelsue.com](mailto:Sales@Pelsue.com)  
WEB: [www.Pelsue.com](http://www.Pelsue.com)