AIRSHORE SHORING PRODUCTS

A member of the
HURST JAWS OF LIFE®
Family of Brands

Why Trust Airshore

Photo:
The Hurst-Airshore Triple Column in use (US Pentagon, September, 2001) providing initial structural stabilization until permanent wood shores could be erected. These columns were set in place by FEMA US&R Virginia Task Force II during the initial days of operations at the Pentagon.

Our History.

Airshore, the architect of the world's first Aluminum Rescue Strut, has the knowledge and expertise in design and development to provide the highest level of trust in your equipment during difficult situations. For over 20 years, Airshore has been trusted by more rescue professionals and US&R teams than any other rescue strut.

Our Commitment.

We engineer and manufacture the highest quality aluminum rescue shoring.

We understand the rescue professional — we continually improve our products and seek to create new and more innovative solutions.

We remain focused on safety, never forgetting the service of our market to the community and remembering the reason for our service to the market.

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Preparedness.

Dealing with everyday rescue challenges is difficult enough. When a unique situation arises in building collapse, trench rescue, or disaster management you want to trust your equipment and focus on the task at hand.

Airshore specializes in creating products that withstand the elements and perform under the worst conditions to provide the safest environment possible.

One of a Kind.

Airshore's unique two-pin assembly also serves as a built-in early warning system to detect possible strut failures. These thick durable pins and large holes are far less likely to become clogged with dirt in a rescue situation.

Trust Airshore for Performance & Reliability.

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Airshore
Product Introduction

The QuickStrut™

Quick and easy to deploy. Strong and lightweight. The QuickStrut is designed for fast, safe and reliable stabilization of a vehicle. The QuickStrut provides a new platform of innovation never before available

With the ability to support over 2,200 pounds each, the QuickStrut is deployable in about one minute per strut, where other systems take much longer.

The key to the QuickStrut is the elimination of unnecessary parts that can cause confusion and delays. Designed as a one-piece system, it can be placed against the vehicle; deployed from either end. The self explanatory, simple to-use-system can be mastered by any rescue personnel.

Product information / specifications subject to change without notice.

Airshore
Product Improvement

Enhanced Collar

Rescue professionals told us how much they loved our collar design and its two pin system. It's safe, easy, effective and has a built-in early warning system unmatched by any other product available today. Our new design eliminates the possibility of the collar shifting while transporting the strut at the rescue scene.

The collar design uses two set screws along with a scored interior that allows the collar to swivel freely on the strut but not slide out of position. The new design is retrofittable to most previous Airshore struts.

ENHANCED COLLAR
RETRO-FIT KIT
PART #377A351

Airshore Applications

Trench Rescue

The Airshore Rescue Tool can be utilized in many trench rescue situations. The struts are placed individually using plywood sheeting and Airshore spot shores. This is very similar to traditional timber shoring but with many improvements and advantages. Airshore Rescue Struts offer superior strength, fast placement and versatility for configurations such as L or T trenches when necessary. Most importantly, our tools are fully engineered from a Registered Professional Engineer, which make safety regulations and configurations for installation safe and easy to understand.

Vehicle Stabilization

The Airshore Rescue Tool system provides three options for standard size vehicle stabilization to facilitate faster extrication. Both the new QuickStrut™ and the Art-Lite systems are excellent for this application and use space-saving systems to stabilize standard size vehicles quickly and cost effectively. Airshore standard struts can be used for standard and large vehicle stabilization.

Large Vehicle Stabilization

The Airshore Rescue Tool enables rescuers to stabilize vehicles of all types quickly and securely, allowing extrication of victims to proceed. The Airshore Rescue Struts in conjunction with attachments, have the strength and versatility to stabilize multiple vehicles in various crash configurations —— from cars, to transport trailers, to construction equipment or other heavy vehicles.

Heavy Lifting / Gantry

The Airshore Rescue Tool used with specific attachments can form an A-Frame (Gantry) configuration. This system facilitates the manual lifting and moving of objects where crane access is not an option. When rigged, this system is ideal for moving large heavy objects over short distances with limited manpower.

Confined Space / Tripod

The Airshore Rescue Tool with a few attachments and bases can construct a tripod system. The tripod will permit vertical entry and exit for one or more rescuers into a confined space area. The Tripod can also be used as a high point in high-line or embankment rescue operations. The construction of the Airshore Rescue Strut system makes this one of the strongest tripods on the market.

Product information / specifications subject to change without notice.

First on the market... and still number one!

Structural Collapse

The Airshore Rescue Tool provides unparalleled support for the temporary shoring of damaged or partially collapsed structures. By using Airshore Struts, rescue personnel can quickly and safely access and remove victims. With removal completed, timber shoring can be erected and the struts may be quickly moved to where they're needed. Individual struts can be used (with attachments) to stabilize windows, ceilings, doors and sloped floors or as part of a system like columns or rakers.
The range of lengths and attachments available can make for effective shoring of most challenges in a building collapse.

High Strength Column

When extreme strength and support is necessary, the Airshore Rescue Strut is there. Using a combination of a tripod base and top with three struts, the column has a crush strength of over 80,000 pounds. Column configurations were used extensively in the US&R Operations at the Pentagon in 2001.

Vertical Shore

When there is a need for high strength support distributed over a large or small area, a vertical shore system can be formed using Airshore Rescue Struts and attachments. By placing individual struts in a row and securing Raker Rail Nailers to the struts, the formation can be cross-braced using timber which significantly increases the strength of the system.

Raker

The Airshore Rescue Tool, along with attachments can be made into a Raker Rail assembly. This is an excellent system for the support of outer walls for buildings that are structurally compromised. Using Raker Nailers and wood cross bracing, the Raker Rails can be joined to increase structural stability.

Flying Raker

The Airshore Rescue Tool, along with attachments, can be made into a Flying Raker Rail assembly. This system differs from a standard Raker Rail as it allows the rescuer to assemble the Raker Rail over a debris pile while still providing the strength needed to support that portion of the building.

Rescue Struts

F STRUT | F7-11 STRUT | E STRUT | E4.5-7 STRUT | D STRUT | C STRUT | B STRUT | A STRUT | ART-AA STRUT

368A048
F Strut
93” - 144” (236-366 cm)
52 lbs (23.5 kg)

368A047
F7-11 Strut
84” - 132” (213-335 cm)
48 lbs (21.7 kg)

368A045
E Strut
63”-97” (160-246 cm)
37 lbs (16.8 kg)

368A046
E4.5-7 Strut
54”-84” (137-213 cm) 33 lbs (14.9 kg)

368A044
D Strut
45”-67” (114-170 cm) 25 lbs (11.3 kg)

368A043
C Strut
33”-49” (84-124 cm) 20 lbs (9 kg)

368A042
B Strut
26”-37” (66-94 cm) 17 lbs (7.7 kg)

368A041
A Strut
21”-28” (53-71 cm) 14 lbs (6.3 kg)

368A073
ART-AA Strut
13”-18” (33-46 cm) 91 lbs (4 kg)

Product information / specifications subject to change without notice.

Rescue Extensions

ART-E6
6” Extension
6” (15 cm) 2 lbs (0.9 kg)

ART-E12
12” Extension
12” (30 cm) 4.5 lbs (2 kg)

ART-E18
18” Extension
18” (46 cm) 6 lbs (2.7 kg)

ART-E24
24” Extension
24” (61 cm) 8 lbs (3.6 kg)

ART-E36
36” Extension
36” (91 cm) 11.5 lbs (5.2 kg)

ART-E48
48” Extension
48” (122 cm) 16 lbs (7.3 kg)

ART-E72
72” Extension
72” (183 cm) 21.5 lbs (9.75kg)

225A008
Ratchet Strap Extension
25.6” (65.02 cm) x 3.6”
(9.14 cm) x 9.6” (29.38 cm)
17 lbs (7.71 kg)

225A008

RATCHET STRAP EXTENSION FOR VEHICLE STABILIZATION

ART-E6

ART-E12

ART-E18

ART-E24

ART-E36

ART-E48

ART-E72

Attachments

- *Clevis attachments connect to base plate heads*
- *Clevis attachments add 2.5" to the length of the strut*

541A045
Consist of:
(1) 116A008 Trench Corner Block
(1) 116A009 Trench Thrust Block

ART-BP5
5" Base Plate
2" x 5" x 5"
(5.1 x 12.7 x 12.7 cm)
2.25 lbs (1 kg)
Use with ART-C45 and ART-C60 only

225A005
Big Rig Chain Wedge
Consist of:
(2) Big Rig Chain Wedges
(2) 4" Web Shackles
(1) Safety Chain

ART-C45
45° Clevis
3.5" x 3.5" x 3.5"
(9.5 x 8.9 x 8.9 cm)
1.5 lbs (0.7 kg)

ART-45SC
45° Static Clevis
4.5" x 4" x 3.5"
(11.4 x 10.2 x 8.9 cm)
2.25 lbs (1 kg)

ART-RB
Rigid Base
6" x 6" x 2.5"
(15.2 x 15.2 x 6.4 cm)
2.5 lbs (12.3 kg)
Adds 0.5" to length of strut

ART-PC
22° Clevis
4" x 3.5" x 5. 5"
(10.2 x 8.9 x 14 cm)
2.5 lbs (1.1 kg)

ART-C60
60° Clevis
3.5" x 3.5" x 5"
(8.9 x 8.9 x 12.7 cm)
2.38 lbs (1.08 kg)

ART-SC
Static Clevis
4" x 3.5" x 5.5"
(10.2 x 8.9 x 14 cm)
3 lbs (1.4 kg)

ART-FB
Flat Base
2.5" x 5" x 5"
(6.4 x 12.7 x 12.7 cm)
2 lbs (0.9 kg)
Adds 0.5" to length of strut

Product information / specifications subject to change without notice.

Attachments

ART-RH
Rhino Head Attachment
5” x 4” x 4.5”
(12.7 x 10.2 x 11.4 cm)
2.5 lbs (1.1 kg)
Adds 2.5” to length of strut

ART-CW
Chain Wedge
6.75” x 3” (17.2 x 7.6 cm)
3 lbs (1.4 kg)
Adds 4.75” to length of strut

ART-PT
Point Attachment
7” x 3”
(17.8 x 7.6 cm)
2 lbs (0.9 kg)
Adds 5” to length of strut

ART-VB
V-Block
4” x 5” x 3”
(10.3 x 12.7 x 7.6 cm)
2 lbs (0.9 kg)
Adds 2” to length of strut

ART-LG
L-grip
5” x 4” x 6”
(12.7 x 12.1 x 15.2 cm)
1.5 lbs (0.7 kg)
Adds 0.19” to length of strut

ART-CG4
4” C-grip
4.75” x 6” x 4”
(12.1 x 15.2 x 10.2 cm)
1.5 lbs (0.8 kg)
Adds 0.19” to length of strut

ART-CG6
6” C-grip
4.75” x 6” x 6”
(12.1 x 15.2 x 15.2 cm)
1.75 lbs (0.8 kg)
Adds 0.19” to length of strut

ART-CG8
8” C-grip
4.75” x 6” x 8”
(12.1 x 15.2 x 20.3 cm)
1.75 lbs (0.8 kg)
Adds 0.19” to length of strut

ART-SL15
15° Swivel for Struts
5” x 4” (12.7 x 10.2 cm)
1.5 lbs (0.8 kg)
Adds 2” to length of strut

ART-S23
23° Swivel for Strut
4” x 5” x 5”
(10.2 x 12.7 12.7 cm)
3.5 lbs (1.6 kg)
Adds 2” to length of strut

ART-P45
45° Pivot
4” x 5” x 5”
(10.2 x 12.7 x 12.7 cm)
3.4 lbs (1.5 kg)
Adds 2.25” to length of strut

ART-P60
60° Pivot
5” x 5” x 5.6”
(12.7 x 12.7 x 14.2 cm)
4.3 lbs (1.9 kg)
Adds 3.5” to length of strut

Raker Rails

Light Duty Raker Rails*

ART-RR4
4’ x 5.75” x 1.5” (1.2 m x 14.6 x 3.8 cm)
16 lbs (7.3 kg)

ART-RR5
5’ x 5.75” x 1.5” (1.5 m x 14.6 x 3.8 cm)
20 lbs (9.1 kg)

ART-RR6
6’ x 5.75” x 1.5” (1.8 m x 14.6 x 3.8 cm)
24 lbs (10.9 kg)

ART-RR8
8’ x 5.75” x 1.5” (2.4 m x 14.6 x 3.8 cm)
32 lbs (14.5 kg)

ART-RR10
10’ x 5.75” x 1.5” (3 m x 14.6 x 3.8 cm)
40 lbs (18.1 kg)

*Sold as singles unless otherwise noted.

ART-LDCON*
Light Duty Rail Connector
24”x 5” x 1.54” (61 x 12.7 x 3.56 cm)
7 lbs (3.2 kg)
1 Light Duty Rail Connector Connects
2 Raker Rails to Extend Length

ART-RR18
18” Spot Shore Rails
18” x 5.75” x 1.5”
(45.7 x 14.6 x 3.8 cm)
15 lbs (7.2kg)
Set of 2

ART-RR36
36” Spot Shore Rails
36” x 5.75” x 1.5”
(91.4 x 14.6 x 3.8 cm)
31 lbs (14.7 kg)
Set of 2

Heavy Duty Raker Rails *(Sets of 2)*

ART-HDR4
4’ x 6.75” x 3.5”
(1.2 m x 17.1 x 9.65 cm)
59 lbs (26.8 kg)

ART-HDR8
8’ x 6.75” x 3.5”
(2.4 m x 17.1 x 9.65 cm)
117 lbs (53.1 kg)

ART-HDR5
5’ x 6.75” x 3.5”
(1.5 m x 17.1 x 9.65 cm)
74 lbs (33.6 kg)

ART-HDR10
10’ x 6.75” x 3.5”
(3 m x 17.1 x 9.65 cm)
147 lbs (66.7 kg)

ART-HDR6
6’ x 6.75” x 3.5”
(1.8 m x 17.1 x 9.65 cm)
88 lbs (39.9 kg)

ART-HDR12
12’ x 6.75” x 3.5”
(3.7 m x 17.1 x 9.65 cm)
176 lbs (79.4 kg)

ART-HDCON*
Heavy Duty Rail Connector
24” x 5” x 3.25” (61 x 12.7 x 8.26 cm)
10 lbs (4.5 kg)
1 Heavy Duty Rail Connector Connects
2 Raker Rails to Extend Length

Product information / specifications subject to change without notice.
*Sold as singles unless otherwise noted.

Raker Rail Attachments

ART-RRA
Raker Rail Adapter
7.5” x 5” x 5” (19.1 x 12.7 x 12.7 cm)
2.5 lbs (1.1 kg)

225A004
Midpoint Brace
11.9” x 4.2” x 5” (30.2 x 10.7 x 12.7 cm)
6.5 lbs (2.9 kg)

225A003
45/60 Pivot
3.5 lbs (1.6 kg)
3.5” x 6.9” x 4.7” (8.9 x 17.53 x 11.94 cm)

ART-RRN
Raker Rail Nailer
5.25” x 8” x 12” (13.3 x 20.3 x 30.5 cm)
9.5 lbs (4.3 kg)

Base Plates

• Base Plates and Tripod Head MUST be used with a Clevis attachment. The Strut will NOT attach directly to the Base Plate or Tripod Head.

ART-BPB12
12” Base Plate with Bracket
12” x 12” x 4” (30.5 x 30.5 x 10.2 cm)
9.75 lbs (4.4 kg)

ART-BP6
6” Base Plate
6” x 6” x 2.4” (15.2 x 15.2 x 6.1 cm)
3.75 lbs (1.70 kg)

ART-TH
Tripod Head
2.75” x 16” x 16”” (6.9 x 40 x 40.6 cm)
27 lbs (12.3 kg)

Chains & Ratchet Straps

ART-LC12
12’ Stabilization Chain with J-Hook
12’ (3.7 cm)
35 lbs (15.9 kg)

ART-LC06
6’ Stabilization Chain with J-Hook
6’ (1.83 cm)
20 lbs (9.1 kg)

ART-RS
Ratchet Strap
10’ (3 cm)
1.75 lbs (0.8 kg)
Rated over 9,000 lbs.

ART-RSE
Ratchet Strap Extension
15’ (14.6 cm)
1 lbs (0.4 kg)
Rated over 9,000 lbs.

Mounting Brackets

ART-MB6T

Top Mounting Bracket
7.25” x 30” x 5.25” (18.4 x 76.2 x 13.3 cm)
9 lbs (4.1 kg)
For 6 ART Struts

ART-MB6B

Bottom Mounting Bracket
5” x 30” x 2.25” (12.7 x 76.2 x 5.7 cm)
6.75 lbs (3.1 kg)
For 6 ART Struts or 6” - 24” Extensions

ART-MB3T

Top Mounting Bracket
7.25” x 15” x 5.25”
(18.4 x 38.1 x 13.3 cm)
4.5 lbs (2 kg)
For 3 ART Struts

ART-MB3B

Bottom Mounting Bracket
5” x 15” x 2.25” (12.7 x 38.1 x 5.7 cm)
3.35 lbs (1.5 kg)
For 3 ART Struts or
6” - 24” Extensions

ART-MB1T

Top Mounting Bracket
7.25” x 5” x 5.25”
(18.4 x 12.7 x 13.3 cm)
1.5 lbs (0.7 kg)
For 1 ART Strut

ART-MB1B

Bottom Mounting Bracket
5” x 5” x 2.25” (12.7 x 12.7 x 5.7 cm)
1.25 lbs (0.6 kg)
For 1 ART Strut or
6” - 24” Extensions

ART-MB2ET

Top Mounting Bracket
14” x 2” x 6.25”
(35.56 x 5.12 x 15.9 cm)
1.63 lbs (0.74 kg)
For 2 - 36” 48” or
72” Extensions

ART-MB2EB

Bottom Mounting Bracket
14” x 5” x 2.25” (35.56 x 12.7 x 5.7 cm)
2.5 lbs (1.1 kg)
For 2 Extensions of any length,
not for use with Struts

ART-MB4ET

Top Mounting Bracket
28” x 2” x 6.25”
(71.12 x 5.12 x 15.9 cm)
3.25 lbs (1.47 kg)
For 4 - 36” 48” or
72” Extensions

ART-MB4EB

Bottom Mounting Bracket
28” x 5” x 2.25” (71.12 x 12.7 x 5.7 cm)
5 lbs (2.3 kg)
For 4 Extensions of any length,
not for use with Struts

Product information / specifications subject to change without notice.

Miscellaneous

ART-LPWIN
Winch for ART Lite Pod (shown)

ART-HPWIN
Winch for ART Heavy Tripod Pod

Comes with 75' of 302/304
Stainless Wire Rope
24 lbs (10.9 kg)
Man Rated for 310 lbs

ART-LP - Lite Pod Kit

Quantity	Name
3	Adjustable Legs
3	6" Base Plates
1	Safety Chain

Total Kit Weight: 70 lbs (31.8 kg)

An optional Carrying Case for the Lite Pod Kit is available, please use ART-LPC when ordering.

ART-PK
Picket
40" x ø1" x 2" (101.6 x 2.5 x 5.1 cm)
9 lbs (4.1 kg)

ART-ELC
Expandable Load Cell
7.5" x 3.25" x 5" (19.1 x 8.2 x 12.7 cm)
5.5 lbs (2.5 kg)

ART-GPL
Gin Pole Lid
8" x 8" x 3" (20.3 x 20.3 x 7.6 cm)
3 lbs (1.4 kg)

ART-GPP
Gin Pole Pivot
9" x 3" (22.8 x 7.6 cm)
5 lbs (2.3 kg)

ART-LH
Lowering Hook
14.5' x 1" (4.4 x 2.5 cm)
0.75 lbs (0.3 kg)
For lowering struts into trenches

159A169
Operations Manual
Includes assembly information as well as tabulated data for configurations such as: Columns, Raker Rails, Tripods, etc.

Air Supply Kits & Components

PAI-0001
High Pressure Regulator
5000 PSI / 340 BAR
7” x 7” x 5”
(17.8 x 17.8 x 12.7 cm)
2.5 lbs (1.1 kg)

PAI-0002RA1
Single Low Pressure Regulator
3000 PSI / 204 BAR
5.5” x 5” x 4”
(16.5 x 12.7 x 10.2 cm)
3 lbs (1.4 kg)

PAI-0002RA2
Dual Low Pressure Regulator
3000 PSI / 204 BAR
5.5” x 14.5” x 19.5”
(13.9 x 36.8 x 49.5 cm)
3 lbs (1.4 kg)

AIR-DMT
Dual Strut Control Deadman Type
9” x 6” x 3.5” (22.9 x 15.24 x 8.89 cm)
3 lbs (1.36 kg)
For Trench Rescue

AIR-DM
Deadman Control
7” x 2.5” x 3” (17.8 x 6.4 x 7.6 cm)
1.4 lbs (0.6 kg)
35 PSI/2.4 BAR for Building Collaspe, Tripod & Column

AIR-DVR
Dump Valve
6.75” x 4” x 1.5”
(15.24 x 10.2 x 3.8 cm)
1.25 lbs (0.6 kg)
For Trench Applications

PAI-0014
Quick Coupler
2” x 1” x 1”
(5.1 x 2.5 x 2.5 cm)
0.25 lbs (0.11 kg)

266A151
Breathing Air Adapter
2” x 1” x 1”
(5.1 x 2.5 x 2.5 cm)
0.25 lbs (0.11 kg)

Product information / specifications subject to change without notice.

Air Supply Kits & Components

AIR-049R
Single High Pressure Air Supply Assembly
Consists of:
PAI-0001, AIR-DVR,
PAI-0009R, PAI-0007R
16 lbs (7.3 kg)

AIR-051R
Dual High Pressure Air Supply Assembly
5000 PSI / 340 BAR
Consists of:
PAI-0001, AIR-DMT, PAI-0009R,
PAI-0007R, PAI-0007B
19 lbs (8.6 kg)

PAI-0007B-Blue (shown)
PAI-0007R-Red
15' Whip Hose
15' x 0.375" (4.6 m x 0.95 cm)
2.5 lbs (1.1 kg)

AIR-THA
Tripod Hose Assembly
4' x 42" x 0.375"
(122 x 106.7 x 0.95 cm)
3 lbs (1.4 kg)

AIR-2MH
2-Way Manifold
8' x 0.375" (2.4 m x 9.65 cm)
4 lbs (1.8 kg)
For Heavy Duty Rails

PAI-0009R-Red (shown)
PAI-0009BK-Black
35' Supply Hose
35' x 0.375" (10.7 m x 0.95 cm)
5.5 lbs (2.5 kg)

Vehicle Stabilization Kits

QuickStrut™ Kit

362A491

Consists of:
- 2 - QuickStruts
- 2 - Adjustment Wrenches
- 1 - Carrying Case

10” x 11” x 54”
(25.4 x 27.9 x 137.1 cm)
Kit weight 70 lbs (31.75 kg)

Single Strut: 48”-78” (122-200 cm)
Single Strut: 28 lbs (12.7 kg)

541A043

QuickStrut™ Accessory Kit

Consists of:
- 2 - Cluster Hooks
- 2 - Axle Straps
- 2 - Protective Sleeves
- 1 - Accessory Bag

6 lbs (2.7 kg)

541A044

Protective Sleeves for Straps

1 oz (.03 kg)

ART-Lite Vehicle Stabilization Kit

ART-LK

72.2 lbs (31.8 kg)

Consists of:
- 2 - ART Lite 16” to 23”
- 2 - ART Lite 28” to 41”
- 2 - 12” to 18” Adjustable Extensions
- 2 - 18” to 30” Adjustable Extensions
- 4 - 10’ Ratchet Straps
- 2 - 15’ Ratchet Strap Extensions
- 2 - Chain Wedge Attachments
- 2 - Diamond Head Attachments
- 2 - Rhino Head Attachments

Product information / specifications subject to change without notice.

Vehicle Stabilization Kits

368A017 – Basic Vehicle Stabilization Kit	368A018 – Intermediate Vehicle Stabilization Kit		
Quantity	Quantity	Part	Name
2	2	B	Airshore Rescue Strut
	2	E4.5-7	Airshore Rescue Strut
	2	ART-E12	12” Extension
2	2	ART-E24	24” Extension
	2	ART-SL15	15° Swivel
2	4	ART-45SC	45° Static Clevis
2	2	ART-VB	V-Block
2	2	ART-CW	Chain Wedge
2	4	ART-BP6	6” Base Plate
	2	ART-RB	Rigid Base
2	4	ART-RS	Ratchet Strap
2	2	ART-RSE	Ratchet Strap Extension
77.5 lbs (24.2 kg)	169 lbs (76.7 kg)	Total Kit Weight	

ART-SL15

ART-45SC

ART-VB

ART-CW

ART-BP6

ART-RB

ART-RS

ART-RSE

ART-E12

ART-E24

B STRUT

E4.5-7 STRUT

Trench Kits

ART-LH

ART-S23

ART-FB

ART-RR18

AIR-051R

ART-E6

ART-E12

ART-E24

A STRUT

B STRUT

C STRUT

E4.5-7 STRUT

F7-11 STRUT

ART-HDR10

Product information / specifications subject to change without notice.

Trench Kits

368A019 Basic Trench Kit	368A020 Intermediate Trench Kit	368A021 Advanced Trench Kit		
Quantity	Quantity	Quantity	Part	Name
4	4	6	A	Airshore Rescue Strut
4	4	6	B	Airshore Rescue Strut
	4	6	C	Airshore Rescue Strut
		6	E4.5-7	Airshore Rescue Strut
		6	F7-11	Airshore Rescue Strut
4	4	6	ART-E6	6” Extension
4	4	6	ART-E12	12” Extension
	4	6	ART-E24	24” Extension
8	12	18	ART-FB	Flat Base
8	12	18	ART-S23	23° Swivel Base
2	2	2	ART-LH	Lowering Hook
4	6	6	ART-RR18	18” Spot Shore Rails (Sets of 2)
		2	ART-HDR10	10’ Heavy Duty Rails (Sets of 2)
1	1	1	AIR-051R	Dual High Pressure Air Supply Assembly
252.5 lbs (114.5 kg)	442.5 lbs (200.5 kg)	1,343.5 lbs (609.4 kg)	Total Kit Weight	

Structural Collapse Kits

Product information / specifications subject to change without notice.

364A026

ART-AFK

B STRUT C STRUT E4.5-7 STRUT F7-11 STRUT

368A022 Building Collapse Kit	368A027 Urban Search & Rescue Lite Kit	368A026 Urban Search & Rescue Kit		
Quantity	Quantity	Quantity	Part	Name
	4	6	A	Airshore Rescue Strut
6		6	B	Airshore Rescue Strut
6	4	6	C	Airshore Rescue Strut
4	3	6	E4.5-7	Airshore Rescue Strut
4	3	6	F7-11	Airshore Rescue Strut
6	4	6	ART-E6	6” Extension
6	4	6	ART-E12	12” Extension
6	4	6	ART-E24	24” Extension
4	2	4	ART-E48	48” Extension
4		4	ART-E72	72” Extension
	8	14	ART-S23	23° Swivel Base
	2	4	ART-BP6	6” Base Plate
	8	14	ART-FB	Flat Base
6	8	12	ART-RB	Rigid Base
4	3	4	ART-BPB12	12” Base Plate with Bracket
2	2	2	ART-TH	Tripod Head
2			ART-CG4	4” C-Grip
2			ART-CG6	6” C-Grip
4	6	6	ART-CG8	8” C-Grip
4	4	6	ART-LG	L-Grip
4	2	4	ART-P60	60° Pivot
4	2	4	ART-P45	45° Pivot
2		2	ART-VB	V-Block
6	6	6	ART-SC	Static Clevis
4	4	4	ART-45SC	45° Static Clevis
	2		ART-RH	Rhino Head Attachment
	2	2	ART-CW	Chain Wedge
	4	4	ART-RR5	5’ Raker Rail
4			ART-RR8	8’ Raker Rail
		6	ART-RR18	18” Spot Shore Rails (Sets of 2)
		4	ART-HDR5	5’ Heavy Duty Rails (Sets of 2)
12	4	12	ART-RRN	Raker Rail Nailer
4	2	4	ART-RRA	Raker Rail Adapter
	2	2	ART-LDCON	Light Duty Rail Connector
		4	ART-HDCON	Heavy Duty Rail Connector
	4	4	ART-RS	Ratchet Strap
		2	ART-RSE	Ratchet Strap Extension
	1	1	ART-AFK	A-Frame Kit
	1	1	AIR-051R	Dual High Pressure Air Supply Assembly
1	1	1	AIR-DM	Deadman Control
1	1	1	AIR-THA	Tripod Hose Assembly
	2	2	ART-LH	Lowering Hook
1	1	1	364A026	Safety Chain
8	4	8	ART-PK	Picket
1,327.8 lbs (601.5 kg)	981.05 lbs (445 kg)	2,181.7 lbs (988.3 kg)	Total Kit Weight	

Miscellaneous Kits

368A024 A-Frame / Gantry Kit	368A025 Tripod Kit	368A023 Raker Rail Kit		
Quantity	Quantity	Quantity	Part	Name
		2	E4.5-7	Airshore Rescue Strut
2	3	2	F7-11	Airshore Rescue Strut
		2	ART-E24	24” Extension
2	3	2	ART-BPB12	12” Base Plate with Bracket
	1		ART-TH	Tripod Head
		2	ART-P60	60° Pivot
		2	ART-P45	45° Pivot
	6	2	ART-C45	45° Clevis
		4	ART-RR5	5’ Raker Rail
		4	ART-RRN	Raker Rail Nailer
		2	ART-RRA	Raker Rail Adapter
		2	ART-LDCON	Light Duty Rail Connector
	1		364A026	Safety Chain
		4	ART-PK	Picket
1			ART-AFK	A-Frame Kit (see list and photo below)
148.5 lbs (67.4 kg)	269.25 lbs (122 kg)	389.36 lbs (176.4 kg)	Total Kit Weight	

ART-P45

ART-P60

ART-C45

ART-RRN

ART-RRA

364A026

ART-BPB12

ART-TH

ART-RR5

ART-LDCON

ART-E24

E4.5-7 STRUT

F7-11 STRUT

ART-PK

ART-AFK - A-Frame Kit

Quantity	Name
1	A-Frame Head
2	A-Frame Pivot
2	15° Clevis

Total Kit Weight: 33 lbs (15 kg)

Product information / specifications subject to change without notice.

Industrial Contractor Series

Airshore trench shoring systems are simple to use, light enough to hand carry, may be transported in the back of a pick-up truck, require no special training to assemble and offer incredible protection for anyone working below grade. Airshore's Industrial Contractor Series is easy to use, transport and is built from the finest materials. Airshore products provide the flexibility you need in today's competitive environment — an outstanding value.

Single Wall Aluminum Panel Systems

- *Meets OSHA and Canadian Regulations*
- *Meets OSHA and Canadian Regulations*
- *Light-Weight; Easy to Assemble with the flexibility to create a custom workspace*
- *May be used with all static and adjustable spreaders as well as pneumatic standard and swivel struts*
- *Available in 2 and 4 foot heights*
- *Applicable to 12 foot depths in C60 soils*
- *End shoring may be used to create a trench box*
- *Legs, wheel kits and accessories complete the package*

Side Single Wall Trench Panels *(Available in 2' and 4' Heights – Sets of 2)*

2' Height	*4' Height*
LPS-26	**LPS-45**
2' x 6' (0.6 x 1.85 m) 107 lbs (48 kg)	4' x 5' (1.2 x 1.5 m) 169 lbs (77 kg)
LPS-27	**LPS-46**
2' x 7' (0.6 x 2.2 m) 117 lbs (53 kg)	4' x 6' (1.2 x 1.85 m) 185 lbs (84 kg)
LPS-28	**LPS-47**
2' x 8' (0.6 x 2.5 m) 128 lbs (58 kg)	4' x 7' (1.2 x 2.2 m) 201 lbs (91 kg)
LPS-210	**LPS-48**
2' x 10' (0.6 x 3.1 m) 148 lbs (67 kg)	4' x 8' (1.2 x 2.5 m) 218 lbs (99 kg)
	LPS-410
	4' x 10' (1.2 x 3.1 m) 250 lbs (114 kg)
	LPS-412
	4' x 12' (1.2 x 3.7 m) 282 lbs (128 kg)

End Single Wall Trench Shield Panels *(Sold as single unit)*

2' Height
LPS-23ES
2' x 3' (0.6 x 0.9 m) 25 lbs (11 kg)
LPS-24ES
2' x 4' (0.6 x 1.2 m) 28 lbs (13 kg)
LPS-25ES
2' x 5' (0.6 x 1.5 m) 32 lbs (14 kg)
4' Height
LPS-43ES
4' x 3' (1.2 x 0.9 m) 50 lbs (23 kg)
LPS-44ES
4' x 4' (1.2 x 1.2 m) 55 lbs (25 kg)
LPS-45ES
4' x 5' (1.2 x 1.5 m) 60 lbs (27 kg)

Single Wall Aluminum Panel Accessories

LPS-SCA1

Static Collar with Pin
5” x 5” x 4” (13 x 13 x 10 cm)
2.25 lbs (1 kg)
Two are required with each static spreader

CW-6LD

6’ Lifting Sling
0.375” x 6’ (1 x 182 cm)
30 lbs (14 kg)
Light Duty – Four corner lifting of trench shield systems Capacity 6400 lbs

189A100

Pin with Keyring & Lynch Pin
ø .625” x 4.5” (ø 1.6 x 11.4 cm)

189A078

Pin with Keyring & Lynch Pin
ø .5” x 7.25” (ø 1.3 x 18.4 cm)

ASM-0009

Lynch Pin
ø 1.5”
Secure cross pins.
Keep a few extra on hand

ASM-0010

Key Ring

LPS-LL

Steel Lifting Handles
5” x 5” x 4” (13 x 13 x 10 cm)
4 lbs (2 kg)
Set of Two – Two normally used with each side panel for sling lifting

LPS-WHK

Wheel Assembly
16” x 18” x 20” (41 x 46 x 51 cm)
19 lbs - each (9 kg)
Set of Four – Allows in-ground shifting of trench shield to active work area

LPS-LK4

Adjustable Leg Assembly
5” x 5” x 34” (13 x 13 x 86 cm)
9 lbs - each (4 kg)
Set of Four – Provides up to 24” over utility clear area

ST-4

Stacking Tubes with Pins
3.5” x 8” (with pin) 1.25 lbs - each (1 kg)
Set of Four – Used for securing shields at 4 corners for stacking to 12’ max

Product information / specifications subject to change without notice.

Struts

- *Environmentally Safe – No Hydraulic Fluids*
- *Meet OSHA and Canadian Regulations*
- *Adapt to any trench design*
- *Available in 7 lengths with adjustment from 18”- 146”*
- *Operate with pressures to 350 PSI*
- *Provides thrust of up to 2,500 pounds*
- *Fixed and swivel end types*

Simply activate with compressed air to exert pressure on the trench wall, Airshore Aluminum Trench Shield or approved wall shield (Finn Form), then set the locking pin and release the pressure. The strut is now a fixed mechanical unit maintaining pressure to the trench walls.

Airshore Pneumatic Standard Strut

AS-A (Shown)
Standard “A”
18” -27” (46 - 69 cm) 12 lbs (5.5 kg)

AS-B
Standard “B”
23” - 36” (58 - 92 cm) 14 lbs (6.4 kg)

AS-C
Standard “C”
30” - 48” (76 122 cm) 17 lbs (7.7 kg)

AS-D
Standard “D”
42” - 66” (107 - 168 cm) 22 lbs (10 kg)

AS-E
Standard “E”
60” - 96” (152 - 244 cm) 30 lbs (13.6 kg)

AS-F
Standard “F”
90” - 120” (229 - 305 cm) 35 lbs (15.9 kg)

AS-G (Shown)
Standard “G”
114” - 144” (290 - 366 cm) 40 lbs (18.1 kg)

Airshore Pneumatic Swivel Strut

AS-SA (Shown)
Swivel “A”
21” - 29” (53 - 74 cm) 14 lbs (6.4 kg)

AS-SB
Swivel “B”
25” - 38” (66 - 97 cm) 16 lbs (7.3 kg)

AS-SC
Swivel “C”
33” - 50” (84 - 127 cm) 19 lbs (8.6 kg)

AS-SD
Swivel “D”
45” - 68” (114 - 173 cm) 24 lbs (10.9 kg)

AS-SE
Swivel “E”
63” - 98” (160 - 245 cm) 32 lbs (14.5 kg)

AS-SF
Swivel “F”
93” - 122” (236 - 310 cm) 37 lbs (16.8 kg)

AS-SG (Shown)
Swivel “G”
117” - 146” (297 - 371 cm) 42 lbs (19 kg)

These extensions can only be used with the Standard Pneumatic Strut

AS-E12
12” Industrial Extension
4.88” x 4.88” x 16.3” (12.3 x 12.3 x 41.4 cm)
7 lbs (3.2 kg)

AS-E24
24” Industrial Extension
4.88” x 4.88” x 28.3” (12.3 x 12.3 x 71.8 cm)
9.5 lbs (4.3 kg)

Spreaders

- *Lightweight and extremely durable*
- *Use with Airshore Trench Shields or Multi-Shore accessories*
- *Static spreaders available in 15 sizes from 12” - 96”*
- *Adjustable spreaders available in 5 sizes from 19” - 97”*
- *Meet OSHA and Canadian Regulations*

Static Spreader*

SS12
12” x 3” (30 x 8 cm) 2.7 lbs (1.2 kg)

SS18
18” x 3” (46 x 8 cm) 4 lbs (1.8 kg)

SS24 (Shown)
24” x 3” (61 x 8 cm) 5.3 lbs (2.4 kg)

SS30
30” x 3” (76 x 8 cm) 6.6 lbs (3 kg)

SS36
36” x 3” (91 x 8 cm) 8 lbs (3.6 kg)

SS42
42” x 3” (107 x 8 cm) 9.3 lbs (4.2 kg)

SS48
48” x 3” (122 x 8 cm) 10.6 lbs (4.8 kg)

SS54
54” x 3” (137 x 8 cm) 11.9 lbs (5.4 kg)

SS60
60” x 3” (152 x 8 cm) 13.3 lbs (6 kg)

SS66
66” x 3” (168 x 8 cm) 14.6 lbs (6.6 kg)

SS72
72” x 3” (183 x 8 cm) 15.9 lbs (7.2 kg)

SS78
78” x 3” (198 x 8 cm) 17.2 lbs (7.8 kg)

SS84
84” x 3” (213 x 8 cm) 18.6 lbs (8.4 kg)

SS90
90” x 3” (229 x 8 cm) 19.9 lbs (9 kg)

SS96
96” x 3” (244 x 8 cm) 21.2 lbs (9.6 kg)

*Requires 2 Static Collars per Strut.

Adjustable Aluminum Spreader

AAS-13 (Shown)
19” - 31” (48-78.7 cm) 11 lbs (5 kg)

AAS-23
25” - 37” 63.5-94 cm 13 lbs (6 kg)

AAS-30
30” - 48” 76-122 cm 15 lbs (6.8 kg)

AAS-35
37” - 61” (94-155 cm) 18 lbs (13 kg)

AAS-58 (Shown)
61” - 97” (155-246 cm) 28 lbs (13 kg)

Product information / specifications subject to change without notice.

Multi-Shore

- *Easy installation & removal while the operator is above ground when used with Airshore Pneumatic Struts*
- *Light Weight*
- *Engineering certified*
- *Meets OSHA and Canadian regulations*
- *Kits may be used with 6 – 8 Ft or 10 – 12 Ft Panels*
- *Handles may be used with overhead slings*
- *Components assembled in minutes*

The complete Multi-Shore unit is lowered into the trench and expanded pneumatically to apply pressure to the walls while the operator remains above ground. Once the pressure is applied, the operator enters the trench to set the patented Airshore collar to mechanically lock the strut in place.

ASM-K8 Kit is designed for 6' or 8' Tall Systems* and ASM-K12 Kit for 10' or 12' Tall Systems.*

ASM-K8 ASM-K12

Quantity	Quantity	Part	Name
2	2	ASM002	Set consists of: 4 Steel Corners with Mounting Hardware (for Finn Form*)
1	1	ASM003	Set consists of: 2 Handles with Mounting Hardware
2	3	ART-RR18	Set consists of: 2 - 18" (0.5 m) Waler with Mounting Hardware (4" - 18" Rails with Pins)
52 lbs (24 kg)	66 lbs (30 kg)	Total Kit Weight	

* System Requires Finn Form and 2 Struts

Steel Corners

Handles

18" Waler

Multi-Shore Accessories

LPS-0127B
Quick Release Pin
ø .5” x 6” -Grip (ø 1.3 x 15.2 cm)
Used to secure struts to the 18” waler

189A078
Pin with Keyring & Lynch Pin
ø .5” x 7.25” (ø 1.3 x 18.4 cm)

ASM-0009
Lynch Pin
ø 1.5”
Secure cross pins.
Keep a few extra on hand

ASM-0010
Key Ring

ASM003
Handles
1” x 10” x 18” (2.5 x 25 x 56 cm)
9 lbs (4 kg)
Set of Two with Mounting Hardware – Placing of Finn Form shoring is made easier with this accessory

ASM002
Steel Corners
1.5” x 6” x 6” (4 x 15 x 15 cm)
2 lbs (1 kg)
Set of Four with Mounting Hardware – Steel corners protect the shoring corners for longer life

ART-RR18
18” Waler
1.5” x 5.75” x 18” (4 x 5 x 46 cm)
6 lbs (3 kg)
Set of Two with Mounting Hardware – The perfect foothold for Airshore struts and spreaders

AIR-DVR
Dump Valve
6.75” x 4” x 1.5”
(15.24 x 10.2 x 3.8 cm)
1.25 lbs (0.6 kg)
A safe, convenient and durable valve for Airshore pneumatic systems

ASM007
3 - 4.5’ Lifting Sling (shown right)
36” - 54” (91 - 137 cm)
25 lbs (11 kg)

ASM008
5 - 8’ Lifting Sling
60” - 96” (152 - 244 cm)
43 lbs (20 kg)

Used for two point lifting of Multi-Shore trench shoring systems.
Lifting capacity 3,500 lbs

Product information / specifications subject to change without notice.

Air Supply

AIR-33RA1
Single Air Supply
For Multi-Shore use with 1 compressed air bottle
Consists of: AIR-DVR, PAI-0002RA1, PAI-0007B, PAI-0009BK
10 lbs (4.5 kg)

AIR-33RA2
Dual Air Supply
For Multi-Shore use with 2 compressed air bottles
Consists of:
AIR-DVR, PAI-0002RA2, PAI-0007B, PAI-0009BK
10 lbs (4.5 kg)

AIR-34
Hose Assembly
Consists of: AIR-DVR, PAI-0009BK, PAI-0007B
7 lbs (3.2 kg)

AIR-ASM3
3-Way Manifold
11' x 0.5" (3.35m x 1.27 cm)
7 lbs (3.2 kg)

AIR-ASM2
2-Way Manifold
8' x 0.5" (2.44 m x 1.27 cm)
4 lbs (1.8 kg)
For Multi-Shore

PAI-0007B-Blue (shown)
PAI-0007R-Red
15' Whip Hose
15' x 0.375"
(4.6 m x 0.95 cm)
2.5 lbs (1.1 kg)

PAI-0009BK-Black (shown)
PAI-0009R-Red
35' Supply Hose
35' x 0.375"
(10.7 m x 0.95 cm)
5.5 lbs (2.5 kg)

PAI-0002RA1
Low Pressure Regulator
For use with Airshore Struts
3000 PSI / 204 BAR
6.5" x 5" x 4"
(16.5 x 12.7 x 10.2 cm)
3 lbs (1.4 kg)

PAI-0002RA2
Dual Low Pressure Regulator
For Airshore Struts; use with 2 compressed air bottles
3000 PSI / 204 BAR
5.5" x 14.5" x 19.5"
(14x 37 x 49.5 cm)
3 lbs (1.4 kg)

266A151
Breathing Air Adapter
2" x 1" x 1"
(5.1 x 2.5 x 2.5 cm)
0.25 lbs (0.11 kg)

BECAUSE YOU NEVER GET A SECOND CHANCE

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