

TUFF BUILT

PRODUCTS INC.

By  **DIVERSIFIED FALL
PROTECTION**

BEST
SAFETY
SYSTEMS

Sky-X-Stand

BEST
HOIST

TUFF STEP

www.FallProtect.com

Product Categories

- 1. Winches & Accessories**
- 2. Self Retracting Lifelines & Accessories**
- 3. Tripods & Accessories**
- 4. Hoists, Davits, Cranes, & Accessories**
- 5. Portable Bases**
- 6. Permanent Bases**
- 7. Pole Hoists & Accessories, Horizontal Entry Systems**
- 8. Beam Clamps & Anchor Points**
- 9. Access Stair Systems with Fall Protection**
- 10. A-Frames & Quad Frames**
- 11. Portable Horizontal Rail Systems**
- 12. Sky-X-Stand Portable Anchor Points & Restricted Space**
- 13. Tuff-Guard Hand Railing Systems & Accessories**
- 14. Tuff-Glide Horizontal Rail & Trolley System**
- 15. Rescue Systems & Accessories**
- 16. Portable Fall Arrest Anchor Post & Accessories**
- 17. Tuff-Step Access Stair Systems & Accessories**
- 18. Custom Fabrication Engineering & Consulting Services**
- 19. Fire Fighting Products**

Diversified Fall Protection is proud to partner with Tuff Built Products

Tuff Built Products Inc. is owned and operated by some of the world's most innovative contributors in the Fall Protection Safety and Fire Fighting communities.

Over 50 years of collective experience in the design, manufacture, and installation of cutting edge solutions to industry problems, our developments have been the benchmark models for products in our industries.

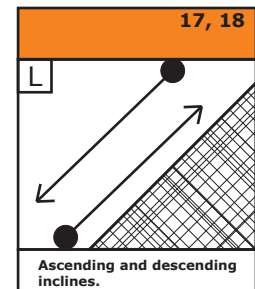
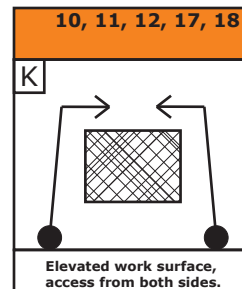
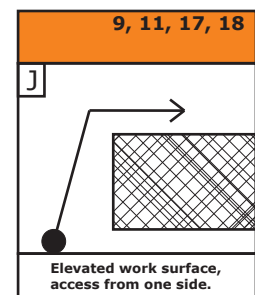
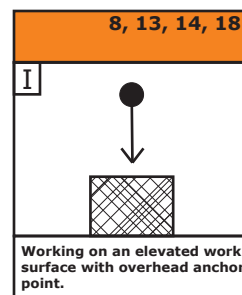
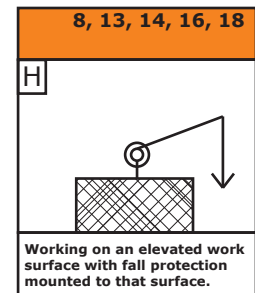
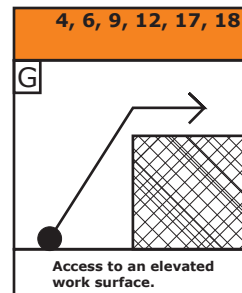
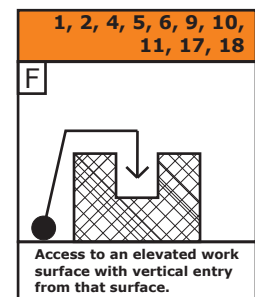
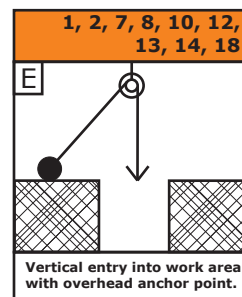
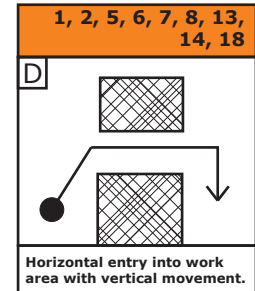
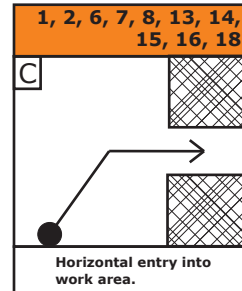
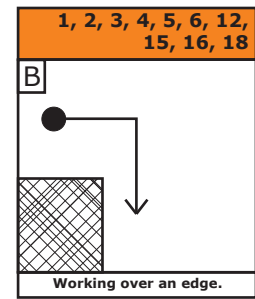
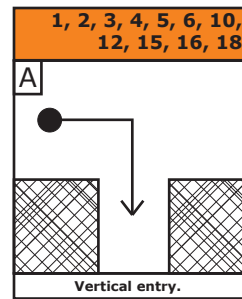
From portable anchorage structures, to flexible access solutions, to practical compressed air foam generators for fire fighting, we set the standard to which our competitors aspire.

Our expansive product line offers solutions to your most challenging requirements, and our Best Design Service can tailor the finished product to your exact specifications.

We respect the unique needs of your organization and we look forward to the opportunity to help make your workplace safer.

The pictograms represent the range of different applications that Best Hoist, Best Safety Systems, and Sky-X-Stand systems can be used in. The numbers located above each pictogram represent the "Product Categories" for the application.

Select your application then go to the "Product Categories" that fits that application.

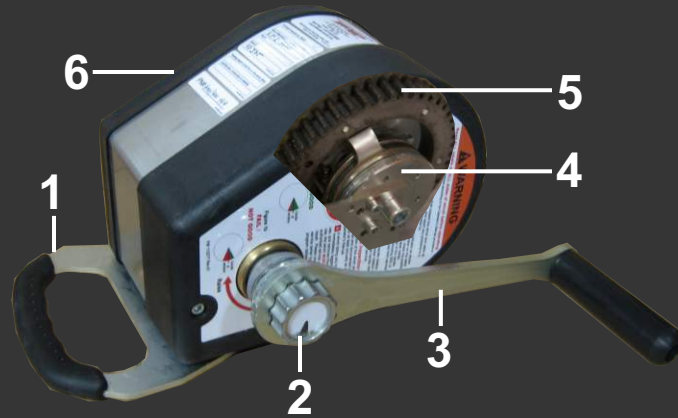


1 Winches & Accessories

Our *PRO-Series* winches are available in a variety of cable capacities with your choice of cable size and type. These winches are specifically designed for personnel handling in a wide range of confined space, fall protection, and rescue applications.

Features of *PRO-Series* Winches

- 1 Ergonomic Carrying handle
- 2 Brake Wear Indicator
- 3 Cranking Handle (removable)
- 4 Secondary Brake
(Meets ANSI Z359.4-2007 requirements)
- 5 Hardened Steel Drive Gears
- 6 High Impact Resistant Plastic Cover



The *PRO-Series* winches come standard with “Tuff-Klik” mounting brackets.

Best Hoist *Pro-1 Series* Winch



Part #	Cable Type	Cable Length	Weight	Price
60217	Ø3/16" (5mm)	60 FT (18m)	30.8 Lbs (14 Kgs)	
60218	Stainless Steel	100 FT (30m)	33.4 Lbs (15.2 Kgs)	
60219	Ø3/16" (5mm)	60 FT (18m)	30.8 Lbs (14 Kgs)	
60220	Galvanized Steel	100 FT (30m)	33.4 Lbs (15.2 Kgs)	

Best Hoist *Pro-2 Series* Winch



Part #	Cable Type	Cable Length	Weight	Price
60221	Ø3/16" (5mm)	150 FT (45m)	39.6 Lbs (18 Kgs)	
60222	Stainless Steel	200 FT (60m)	42.8 Lbs (19.5 Kgs)	
60223	Ø3/16" (5mm)	150 FT (45m)	39.6 Lbs (18 Kgs)	
60224	Galvanized Steel	200 FT (60m)	42.8 Lbs (19.5 Kgs)	

Best Hoist *Pro-3 Series* Winch



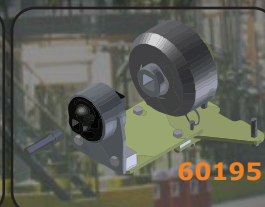
Part #	Cable Type	Cable Length	Weight	Price
60225	Ø3/16" (5mm)	250 FT (76m)	49 Lbs (22.3 Kgs)	
60226	Stainless Steel	300 FT (90m)	52.2 Lbs (23.8 Kgs)	
60227	Ø3/16" (5mm)	250 FT (76m)	49 Lbs (22.3 Kgs)	
60228	Galvanized Steel	300 FT (90m)	52.2 Lbs (23.8 Kgs)	

Best Hoist Winch Power Drive Attachments

Part #	Description	Includes	Price
60248	Pro Series Winch Crank Handle (Removable)	Handle and Lock	
60193	Direct Drive (Max input 300 rpm, No Clutch)	60186 w/60187	
60194	Direct Drive (Max input 300 rpm, 310/620 Lbs Clutch)	60126 w/60187	
60195	Gear Reduction Drive 4:1 (Max input 1200 rpm, 310/620 Lbs Clutch)	60126, 60110 w/60188	
60196	Direct Drive (Max input 300 rpm, No Clutch)	60189 w/60187	
60197	Gear Reduction Drive 4:1 (Max input 1200 rpm, NO Clutch)	60189, 60110 w/60188	

Carrying Bags

Part #	Description	Price
40000	Bag, <i>PRO-1</i>	
40005	Bag, <i>PRO-2</i>	
40006	Bag, <i>PRO-3</i>	



Self Retracting Lifelines & Accessories 2

Tuff Built's "Tuff-Line" Self Retracting Lifelines (SRL's) are available in various lengths and lifeline constructions, with or without retrieval capability for rescue after a fall.

Tuff-Line Self Retracting Lifeline (SRL)

Part #	Cable Type	Cable Length	Weight	Price
60050	Ø3/16" (5mm) Stainless Steel	20 ft (6m)	10.3 Lbs (4.7 Kgs)	
60052		32 ft (10m)	11.7 Lbs (5.3 Kgs)	
60054		49 ft (15m)	19.6 Lbs (8.9 Kgs)	
60051	Ø3/16" (5mm) Galvanized Steel	20 ft (6m)	10.3 Lbs (4.7 Kgs)	
60063		32 ft (10m)	11.7 Lbs (5.3 Kgs)	
60055		49 ft (15m)	19.6 Lbs (8.9 Kgs)	

Tuff-Line Self Retracting Lifeline with Retrieval Capability (SRLR)

Part #	Cable Type	Cable Length	Weight	Price
60056	Ø3/16" (5mm) Stainless Steel	49 ft (15m)	22.5 Lbs (10.2 Kgs)	
60057	Ø3/16" (5mm) Galvanized Steel	49 ft (15m)	22.5 Lbs (10.2 Kgs)	

Tuff-Line SRL / SRLR Mounting brackets

Part #	Description	Price	Used With
60154	Bracket, SRL Tuff Klik Mount (49/R)		Only used w/49 ft (15m) SRL's (with or w/out retrieval capability)
60155	Bracket, SRL Tuff Klik Mount (32)		Only used w/32 ft (10m) SRL's
60176	Bracket, SRLR Tuff-Klik Mount w/Carry Handle (49/R)		Can only used w/49 ft (15m) SRL's w/retrieval capability
60198	Bracket, SRLR Tuff-Klik Mount w/Carry Handle (49/R)		Can only used w/49 ft (15m) SRL's w/retrieval capability
60035	Carabiner, 10 000lbs (NFPA, ANSI, CSA, EN)		Can be used with any of the Tuff-Line Series of SRL's

Carrying Bags

Part #	Description	Price
40000	Bag, PRO-1	



Ideal bag for carrying your Winch/SRL from one work site to another without getting any damage.



3 Tripods & Accessories

Tripods remain the first choice for economical compliance in many basic confined space and fall arrest applications. Tuff Built's Pro-Series Tripods provide outstanding value in a lightweight package featuring "Tuff-Klik" pin-less adjustment.

Featuring Tuff Built Products Inc.'s

TUFF-KLIK®

Pin-Less Technology.



Collapsed View

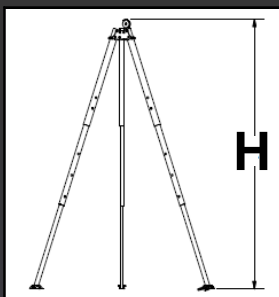
Extended View:
The Only 3 Stage Tripod
in the World!

Options/Replacement Parts

Part #	Description	Price
40001	Bag, PRO-1 & PRO-3 Tripods	
40002	Bag, PRO-2 Tripods	
30173	Tripod Pulley Assembly (Extra Pulley for PRO-2 & PRO-3)	
30198	Tripod Pulley Assembly (Extra Pulley for PRO-1)	
30168	Safety Chain for PRO-1 Tripods	
30169	Safety Chain for PRO-2 Tripods	
30170	Safety Chain for PRO-3 Tripods	
30172	Tripod Feet with rubber	
60101	Bracket, Tuff-Klik Structure #2 (For use on PRO-1& PRO-3 Tripods)	
60102	Bracket, Tuff-Klik Structure # (For use on PRO-2 Tripods)	
30175	Single Re-Direct Pulley	

PRO-1, 7 ft-2 Stage Pt# 30013

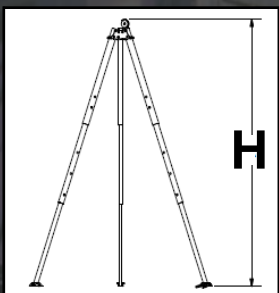
Part #	Model	Max. Height (H)	Collapsed Height	Weight	Price
30013	PRO-1, 7FT 2 Stg (w/One pulley & Chain)	89" (2.26m)	59" (1.49m)	32 Lbs (14.5 Kgs)	



Package #	Package Contains	Winch #	SRL #	SRL Bracket #	Structure Bracket #	Pulley #	Weight (lbs / kgs)	Price
20016	Tripod with winch & winch bracket	60217	-	-	60101 (1)	-	65.7 (30.0)	
20017	Tripod with winch, winch bracket, SRL-R, SRL bracket & pulley	60217	60057	60154	60101 (2)	30198	93.5 (42.4)	
20018	Tripod with SRL-R & SRL bracket	-	60057	60154	60101 (1)	-	59.9 (27.2)	
20019	Tripod with hanging SRL-R	-	60057	60035	-	-	55.0 (25.0)	
20020	Tripod with winch, winch bracket & hanging SRL-R	60217	60057	60035	60101 (1)	-	88.7 (40.3)	

PRO-2, 7 ft-3 Stage Pt# 30012

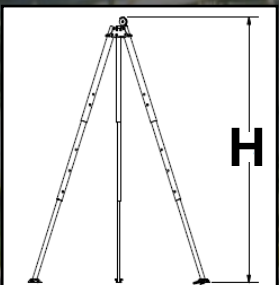
Part #	Model	Max. Height (H)	Collapsed Height	Weight	Price
30012	PRO-2, 7FT 3 Stg (w/One pulley & Chain)	89" (2.26m)	48" (1.22m)	36.5 Lbs (16.6 Kgs)	



Package #	Package Contains	Winch #	SRL #	SRL Bracket #	Structure Bracket #	Pulley #	Weight (lbs / kgs)	Price
20004	Tripod with winch & winch bracket	60217	-	-	60102 (1)	-	70.2 (32.0)	
20021	Tripod with winch, winch bracket, SRL-R, SRL bracket & pulley	60217	60057	60154	60102 (2)	30173	98.0 (44.5)	
20022	Tripod with SRL-R & SRL bracket	-	60057	60154	60102 (1)	-	64.4 (29.4)	
20023	Tripod with hanging SRL-R	-	60057	60035	-	-	59.5 (27.1)	
20024	Tripod with winch, winch bracket & hanging SRL-R	60217	60057	60035	60102 (1)	-	93.2 (42.4)	

PRO-3, 10 ft-3 Stage Pt# 30014

Part #	Model	Max. Height (H)	Collapsed Height	Weight	Price
30014	PRO-3, 10FT 3 Stage (w/One pulley & Chain)	119" (3.02m)	61" (1.55m)	43.5 Lbs (19.8 Kgs)	



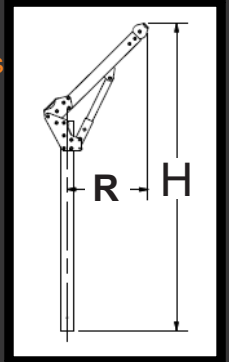
Package #	Package Contains	Winch #	SRL #	SRL Bracket #	Structure Bracket #	Pulley #	Weight (lbs / kgs)	Price
20005	Tripod with winch & winch bracket	60217	-	-	60101 (1)	-	78.0 (35.1)	
20025	Tripod with winch, winch bracket, SRL-R, SRL brackets & pulley	60217	60057	60154	60101 (2)	30173	105.0 (47.7)	
20026	Tripod with SRL-R & SRL bracket	-	60057	60154	60101 (1)	-	71.2 (32.5)	
20027	Tripod with hanging SRL-R	-	60057	60035	-	-	66.5 (30.3)	
20028	Tripod with winch, winch brackets & hanging SRL-R	60217	60057	60035	60101 (1)	-	101.0 (45.6)	

Hoists, Davits, Cranes & Accessories 4

Tuff Built's *PRO-Series* Davits are available in a wide variety of heights and reaches, with features ranging from basic fixed position jibs to fully rotational and adjustable davit arms for multiple applications. The PRO-series davits feature "Tuff-Klik" pin-less adjustment, which eliminates lost or damaged locking pins.

PRO-1 Series Davits

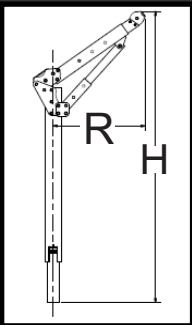
The PRO-1 Series Davits are designed to be small and lightweight, while at the same time being strong, reliable, and providing economical packages



Part#	Model	Reach	Height	Winch Mtg	Weight	Price
30015	Pro-1 Davit w/Pulley	19" (48cm)	73" (185cm)	Top Mtg	18.5 Lbs (8.4 Kgs)	
30016	Pro-1 Plus Davit w/Pulley's	19" (48cm)	58" (147cm)	Rear Mtg	17 Lbs (7.7 Kgs)	
30094	Pro-1 Davit w/Anchor Point	22" (56cm)	72" (183cm)	Top Mtg	17 Lbs (7.7 Kgs)	
30097	Pro-1 Mast Extension	-	30" (76cm)	-	9.3 Lbs (4.2 Kgs)	

**Pro-1 Series Davits Use "Tuff-Klik Structure Bracket #5", P# 60140 for Device Mounting

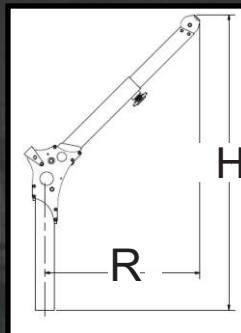
The PRO-1 series Davit also FOLD-UP for easy moving and storage.



PRO-2 Series Davits

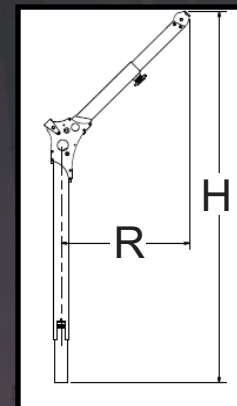
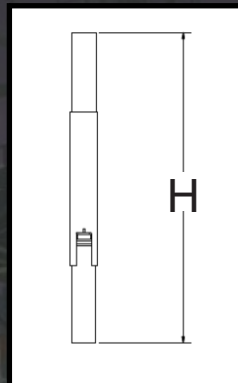
Part#	Model Description	Reach	Height	Winch Mtg	Weight	Price
30055	PRO-2 Davit, 22R-74H (1 Piece)	22" (56cm)	74" (188cm)	Rear	32 Lbs (14.5 Kgs)	
30116	PRO-2 Davit, 22R-97H (1 Piece)	22" (56cm)	97" (247cm)	Rear	35 Lbs (15.8 Kgs)	
30174	PRO-2 Davit, 22R-117H (2 Piece)	22" (56cm)	117" (297cm)	Rear	55 Lbs (24.9 Kgs)	
30056	PRO-2 Davit, 22R-137H (2 Piece)	22" (56cm)	137" (328cm)	Rear	56 Lbs (25.4 Kgs)	
30122	Anchor Point for PRO-2 Davits	-	-	-	1.4 Lbs (.7 Kgs)	

PRO-3 Series Davits



PT# 30104
PT# 30105
(Upper Davits)

PT# 30108
PT# 30109
(Lower Masts)



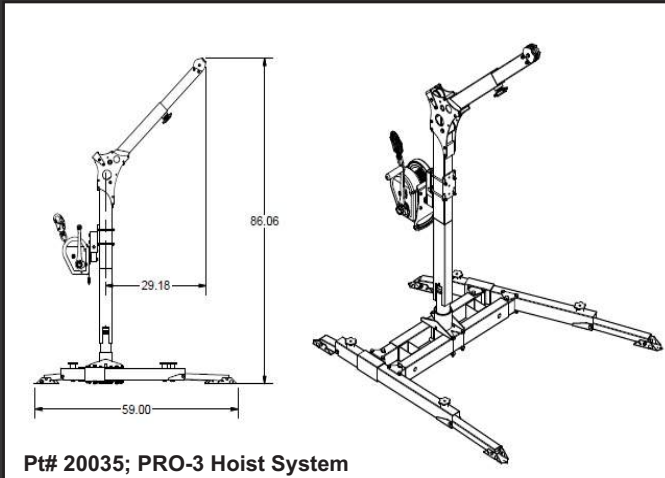
PT# 30107
PT# 30108
(1pc Davits)

Part#	Model Description	Reach	Height	Winch Mtg	Weight	Price
30104	PRO-3 Davit, 28R-54H Upper	19.50" (50cm) 29.00" (74cm)	46" (117cm) 55.75" (142cm)	Rear/ Front Mtg	21 Lbs (9.5 Kgs)	
30105	PRO-3, Davit, 28R-66H Upper		58" (147cm)-66.75" (170cm)	Rear/ Front Mtg	25 Lbs (11.4 Kgs)	
30106	PRO-3 Davit, 28R-84H		76.5" (194cm)-85.5" (217cm)	Rear/ Front Mtg	31 Lbs (14.1 Kgs)	
30107	PRO-3 Davit, 28R-108H		99.75" (253cm)-108.5" (275cm)	Rear/ Front Mtg	32 Lbs (14.5 Kgs)	
30108	PRO-3 Davit, 40" Lower Mast	-	40" (102cm)	-	12 Lbs (5.4 Kgs)	
30109	PRO-3 Davit, 52" Lower Mast	-	52" (132cm)	-	16 Lbs (7.3 Kgs)	
30231	PRO-3 HD Davit, 42R-100H	33" (84cm) 42" (107cm)	91" (231cm) 100" (254cm)	Rear/ Front Mtg	50 Lbs (22.7 Kgs)	
30178	Anchor Point for PRO-3 Davits	-	-	-	.45 Lbs (.20 Kgs)	
30175	Single Re-Direct Pulley	-	-	-	1.12 (.51 Kgs)	

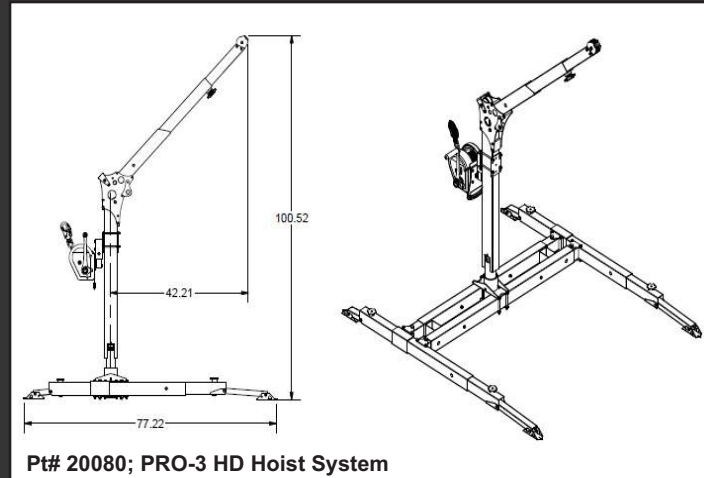
4 Hoists, Davits, Cranes & Accessories

PRO-3 Series Packages

Tuff Built have specialized PRO-3 Hoist system packages, these are the best selling complete systems we recommend when looking for turnkey solutions



Pt# 20035; PRO-3 Hoist System

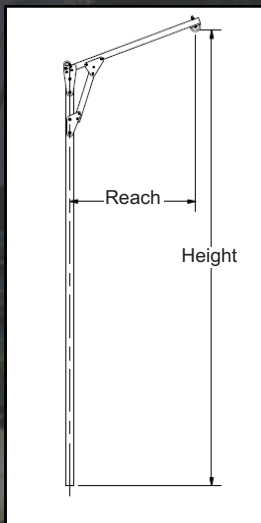


Pt# 20080; PRO-3 HD Hoist System

Package Part #	Package Contains	Upper Davit	Lower Mast	Base	Winch	Structure Bracket	Weight (lbs / kgs)	Price
20035	Pro-3 Hoist System, PRO-3 Davit 28R-84H (Upper & Lower) w/Portable Base (6 PC) Winch & Winch Bracket	30104	30108	30070	60217	60141	129.0 (58.5)	
20036	Pro-3 Hoist System, PRO-3 Davit 28R-84H (1 PC Mast) w/Portable Base (5 PC) Winch & Winch Bracket	30106	-	30070	60217	60141	129.0 (58.5)	
20037	Pro-3 Hoist System, Davit 28R-108H (Upper & Lower Mast) w/Portable Base (6 PC) Winch & Winch Bracket	30105	30109	30070	60217	60141	135.0 (61.3)	
20038	Pro-3 Hoist System, Davit 28R-108H (1 PC Mast) w/Portable Base (5 PC) Winch & Winch Bracket	30107	-	30070	60217	60141	129.0 (58.5)	
20080	Pro-3 HD Hoist System, Davit 42R-100H (1 PC Mast) w/Portable Base (5 PC) Winch & Winch Bracket	30231	-	30115	60217	60142	170.0 (77.1)	

Analog Davits

Tuff Built Products Analog Davits are designed for a Ultimate strength of 5000 Lbs.(22.2kn)



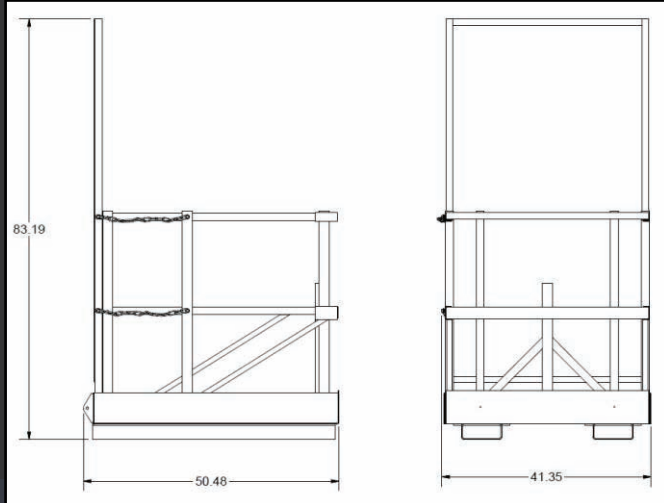
Part #	Model Description	Reach	Height	Winch Mtg	Weight	Price
30095	Analog Series Davit, 48R-168H	48" (122cm)	168" (427cm)	Anchor Point	93 Lbs (42.2 Kgs)	
50015	Analog Series Davit, 48R-84H	48" (122cm)	84" (214cm)	Rear Mtg	105 Lbs (47.7 Kgs)	

Custom Heights and Reaches are available.

Tuff Built Products *PRO-Series* portable davit bases allow for set up and use at multiple locations with no need for permanent installations. Various designs are available, including free standing, counter weighted, clamp-on, or vehicle mounted systems.

PRO-1 Forklift Basket

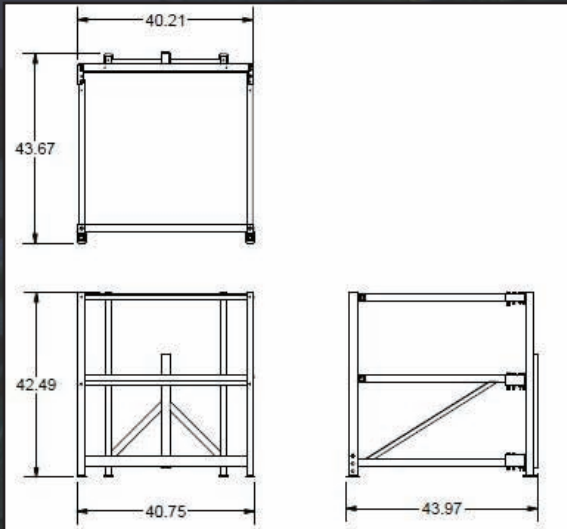
PRO-1 Forklift Basket is designed for working at height when secured to a forklift.



Part#	Model	Weight	Price
30164	PRO-1 Forklift Basket	29.5 Lbs (13.4 Kgs)	

PRO-1 Guardrail Bases

PRO-1 Guardrail Bases have the option of a bar or chain entry gate.

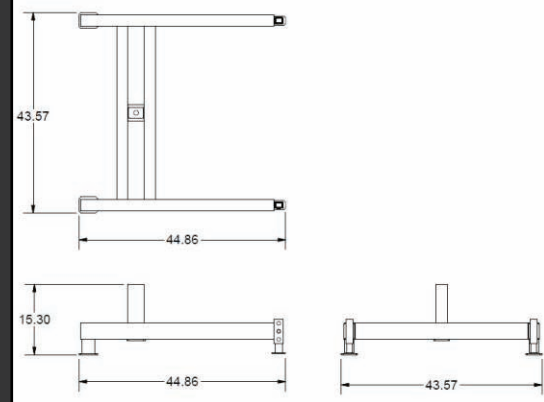


Part#	Model	Weight	Price
30017	PRO-1, Guardrail w/Bar Gate	55 Lbs (24.9 Kgs)	
30098	PRO-1, Guardrail w/Chain Gate	55 Lbs (24.9 Kgs)	

We also manufacture **custom solutions** for more information please contact us Toll Free at
1-800-504-4016

PRO-1 Series Bases

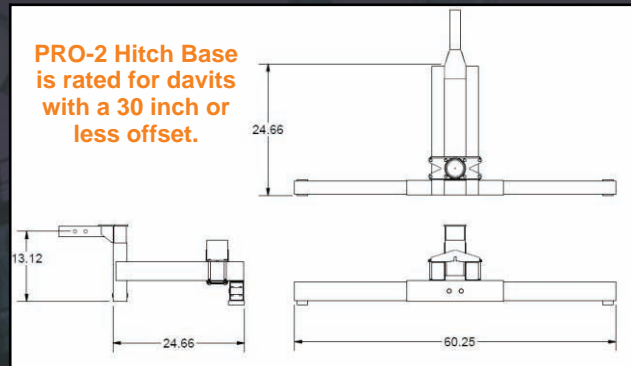
PRO-1 Series Davit Bases are designed to be compact and lightweight.



Part#	Model	Weight	Price
30067	PRO-1 Base, Portable	24 Lbs (10.9 Kgs)	

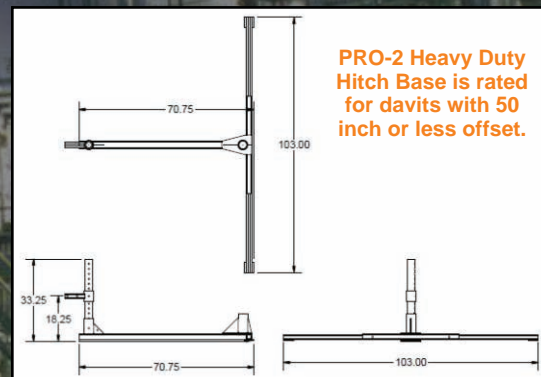
PRO-2 Hitch Bases

PRO-2 Series Portable Bases are versatile and designed for rugged and demanding applications. This system **MUST** be attached to a vehicle when the system is in use.



Part#	Model	Weight	Price
30093	PRO-2 Base, Hitch Mount	34 Lbs (15.5 Kgs)	

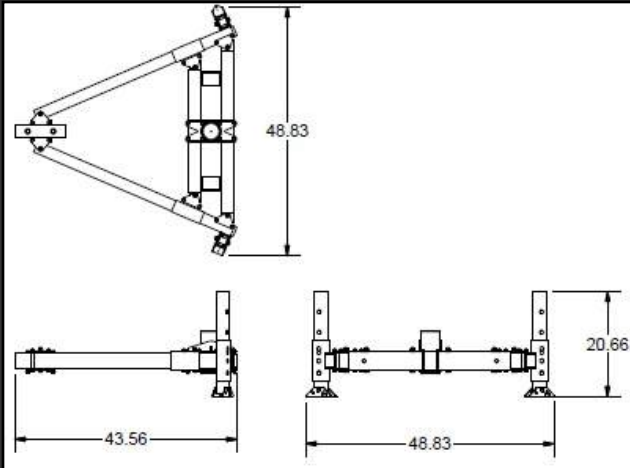
PRO-2 Heavy Duty Hitch Bases



Part#	Model	Weight	Price
30336	PRO-2 Base, Heavy Duty Hitch Mount	155 Lbs (70.5 Kgs)	

5 Portable Bases

The PRO-3 Counterweight Base is a versatile system, with a common main centre with a variety of anchoring and/or positioning options.

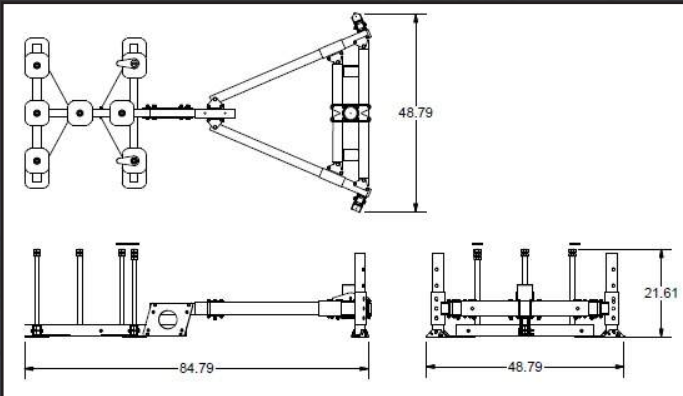


Part #	Model	Weight	Price
30071	PRO-3 Base	65 Lbs (29.5 Kgs)	

Options include; Rail Clamp for anchoring to railway track rails, a wheeled weight cart and/or weight rack for counterbalanced applications, a hitch mount adapter that plugs into a vehicle tow receiver.

PRO-3 Counterweight Base System

Extensions to make system longer are available to position system as needed. Weights are NOT included. (25 lbs weights are recommended, 25 pcs required).



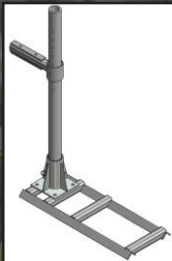
Part #	Model	Weight	Price
30073	PRO-3 Base, Counterweight	120 Lbs (54.5 Kgs)	

PRO-3 Bridge Barrier Accessories

The Bridge Barrier system is designed to provide fall protection for workers while over the side of a bridge. Bridge Barrier accessories allow for a secure counterweight system while going over barriers, handrails, dividers and other partitions.

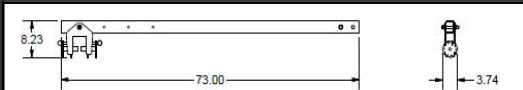


Pt# 30420



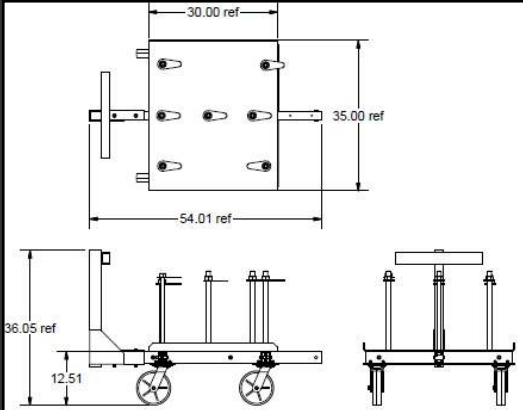
Pt# 30421

Part #	Model	Weight	Price
30420	Bridge Barrier Hitch Attachment	27.0 Lbs (12.3 Kgs)	
30421	Bridge Barrier Vehicle Wheel Rack	63.0 Lbs (28.6 Kgs)	



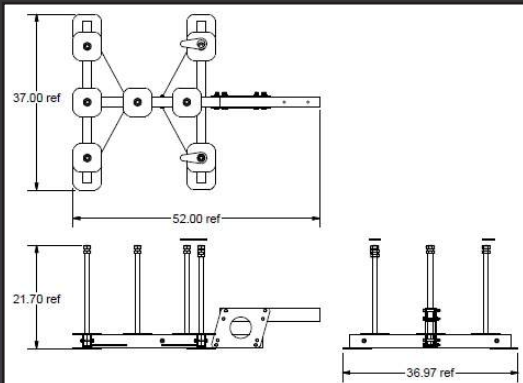
Part #	Model	Weight	Price
30328	Rail Clamp	12 Lbs (5.5 Kgs)	

Pt# 30218, Counterweight Cart



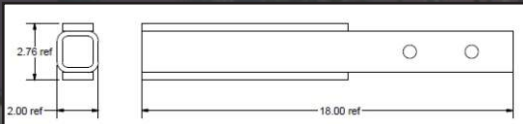
Part #	Model	Weight	Price
30218	Counterweight Cart	120 Lbs (54.5 Kgs)	

Pt# 30180, Counterweight Rack



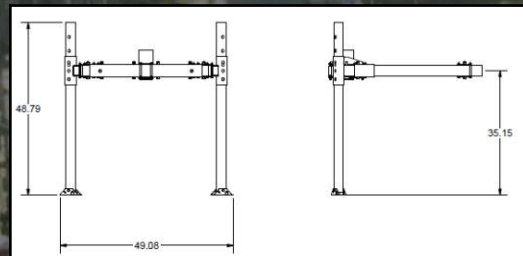
Part #	Model	Weight	Price
30180	Couterweight Rack	80 Lbs (36.3 Kgs)	

Pt# 30328, Hitch Adapter



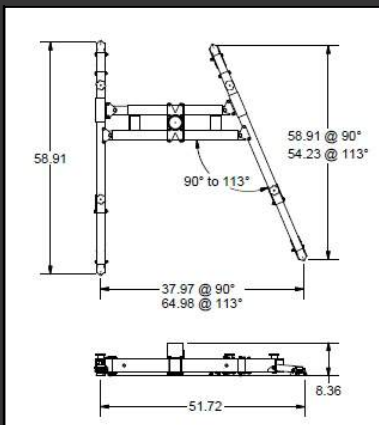
Part #	Model	Weight	Price
30354	Hitch Adapter 2.0" x 2.0"	4 Lbs (1.8 Kgs)	

PRO-3 Bridge Barrier



Part #	Model	Weight	Price
30072	PRO-3 Base, Bridge Barrier	72 Lbs (32.7 Kgs)	

Pro-3 Portable Base



The PRO-3 Portable Base has four (4) independent leveling legs.

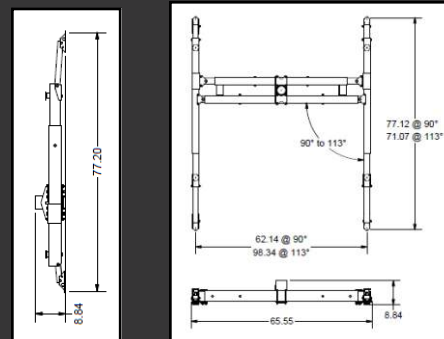
The PRO-3 Portable Base fits around hole sizes of 54" to 75" (diameter).

The Davit sleeve may be moved left to right to allow the davit to rotate for rescue applications.

The PRO-3 Portable Heavy Duty Base fits around hole sizes of 58" to 136" (diameter).

Portable Bases 5

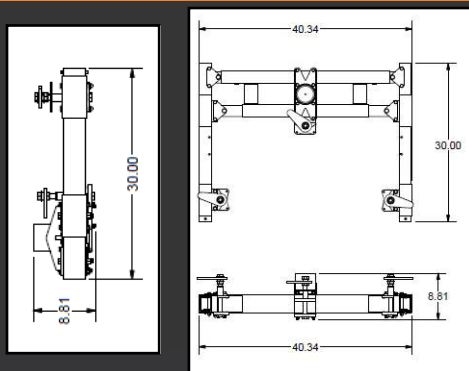
PRO-3 Portable Heavy Duty Base



Part #	Model	Weight	Price
30070	PRO-3 Base, Portable (Hole Sizes 54" to 75" Diameters)	61 Lbs (27.7 Kgs)	

Part #	Model	Weight	Price
30115	PRO-3 Base, Portable Heavy Duty (Hole sizes 58" to 136" Diameters)	86 Lbs (39.1 Kgs)	

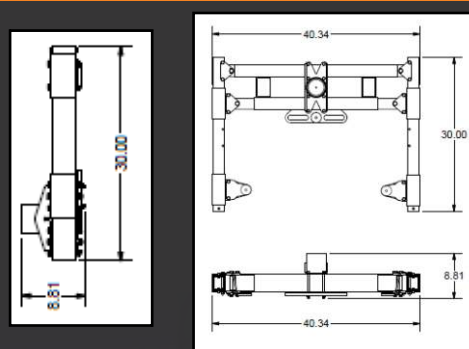
PRO-3 External Clamp-On Base



Part #	Model	Weight	Price
30189	PRO-3 Base, External Tank Collar	67 Lbs (30 Kgs)	

PRO-3 External Tank Collar Grip Range 0.18" to 3.25" (flange thickness).

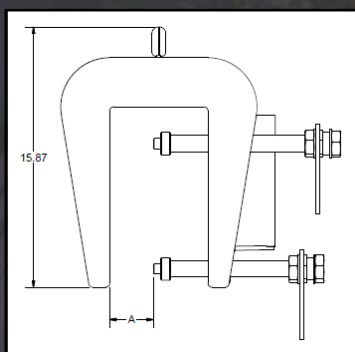
PRO-3 Bolt-On Flange Base



Part #	Model	Weight	Price
30181	PRO-3 Base, Bolt on Flange	63 Lbs (28.6 Kgs)	

PRO-3 Bolt-On Flange Base fits diameters of 12.50" to 132.00"

Fixed Barrel Mounts

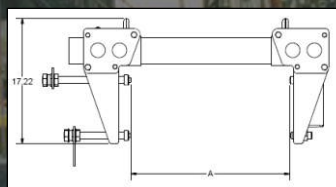


Fixed Barrel Mounts come in 3 different throat sizes, as well come in 3 different finishes.

Part #	Model	Finish	Weight	Price
30036	Barrel Mount Base Fixed (2 1/4" Throat)	CS-500	40 Lbs (18.15 Kgs)	
30045		304 SS	40 Lbs (18.15 Kgs)	
30044		316 SS	40 Lbs (18.15 Kgs)	
Part #	Model	Finish	Weight	Price
30161	Barrel Mount Base Fixed (5" Throat)	CS-500	43 Lbs (19.5 Kgs)	
30192		304 SS	43 Lbs (19.5 Kgs)	
30193		316 SS	43 Lbs (19.5 Kgs)	
Part #	Model	Finish	Weight	Price
30166	Barrel Mount Base Fixed (7" Throat)	CS-500	45 Lbs (20.4 Kgs)	
30195		304 SS	45 Lbs (20.4 Kgs)	
30196		316 SS	45 Lbs (20.4 Kgs)	

Adjustable Barrel Mount

Part #	Model	Finish	Weight	Price
30029	Barrel Mount Base, Adjustable	CS-500	75 Lbs (34.1 Kgs)	



6 Permanent Bases

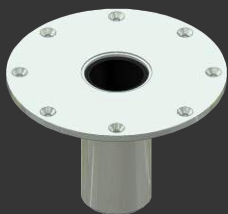
Tuff Built's *PRO-Series* Permanent davit bases are designed for permanent installations at locations where repeated or frequent use is required. Permanent bases are available in a variety of designs, finishes, and materials to meet your specific requirements.

Custom Permanent Bases can be designed to meet your specific application requirements. Please call us with your needs.

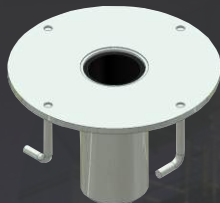
Flush Mount Floor Bases



Base Type	Material	Finish	Part #	Weight	Price
Base, Core mount	Mild Steel	CS-500	30062	3.5 Lbs (1.6 Kg)	
	Mild Steel	Hot Dip Galvanized	30061	3.5 Lbs (1.6 Kg)	
	304 SS	Sandblasted	30063	3.5 Lbs (1.6 Kg)	
	316 SS	Sandblasted	30064	3.5 Lbd (1.6 Kg)	



Base Type	Material	Finish	Part #	Weight	Price
Base, Flush Floor Mount (Existing Concrete)	Mild Steel	CS-500	30021	17.1 Lbs (7.8 Kgs)	
	Mild Steel	Hot Dip Galvanized	30018	17.1 Lbs (7.8 Kgs)	
	304 SS	Sandblasted	30022	18.7 Lbs (8.5 Kgs)	
	316 SS	Sandblasted	30038	18.7 Lbs (8.5 Kgs)	



Base Type	Material	Finish	Part #	Weight	Price
Base , Flush Floor Mount (Fresh Concrete)	Mild Steel	CS-500	30023	18.5 Lbs (8.4 Kgs)	
	Mild Steel	Hot Dip Galvanized	30043	18.5 Lbs (8.4 Kgs)	
	304 SS	Sandblasted	30024	20.1 Lbs (9.2 Kgs)	
	316 SS	Sandblasted	30047	20.1 Lbs (9.2 Kgs)	

Wall Mount Bases



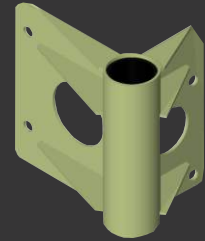
Base Type	Material	Finish	Part #	Weight	Price
Base, 3 Point Wall Mount	Mild Steel	CS-500	30037	9 Lbs (4.1 Kgs)	
	Mild Steel	Hot Dip Galvanized	30052	9 Lbs (4.1 Kgs)	
	304 SS	Sandblasted	30051	10.4 Lbs (4.8 Kgs)	
	316 SS	Sandblasted	30049	10.4 Lbs (4.8 Kgs)	



Base Type	Material	Finish	Part #	Weight	Price
Base, 4 Point Wall Mount	Mild Steel	CS-500	30032	10.3 Lbs (4.7 Kgs)	
	Mild Steel	Hot Dip Galvanized	30054	10.3 Lbs (4.7 Kgs)	
	304 SS	Sandblasted	30033	11.9 Lbs (5.4 Kgs)	
	316 SS	Sandblasted	30053	11.9 Lbs (5.4 Kgs)	

Corner Mount Bases

Base Type	Material	Finish	Part #	Weight	Price
Base, Corner Mount 8" (Concrete Mount)	Mild Steel	CS-500	30350	32.3 Lbs (14.7 Kgs)	
	Mild Steel	Hot Dip Galvanized	30351	32.3 Lbs (14.7 Kgs)	
	304 SS	Sandblasted	30352	34.6 Lbs (15.8 Kgs)	
	316 SS	Sandblasted	30353	34.6 Lbs (15.8 Kgs)	

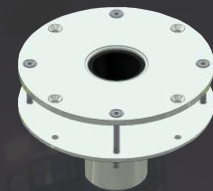


Base Type	Material	Finish	Part #	Weight	Price
Base, Corner Mount 8" (Steel Mount)	Mild Steel	CS-500	30246	11.8 Lbs (5.3 Kgs)	
	Mild Steel	Hot Dip Galvanized	30257	11.8 Lbs (5.3 Kgs)	
	304 SS	Sandblasted	30258	12 Lbs (5.4 Kgs)	
	316 SS	Sandblasted	30259	12 Lbs (5.4 Kgs)	



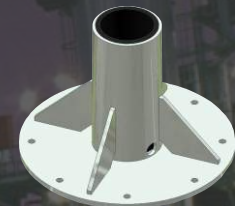
Deck Mount Bases

Base Type	Material	Finish	Part #	Weight	Price
Base, Deck Mount	Mild Steel	CS-500	30080	19.2 Lbs (8.8 Kgs)	
	Mild Steel	Hot Dip Galvanized	30081	19.2 Lbs (8.8 Kgs)	
	304 SS	Sandblasted	30082	19.2 Lbs (8.8 Kgs)	
	316 SS	Sandblasted	30083	19.2 Lbs (8.8 Kgs)	



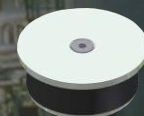
Floor Mount Bases

Base Type	Material	Finish	Part #	Weight	Price
Base, Floor Mount	Mild Steel	CS-500	30031	19.2 Lbs (8.8 Kgs)	
	Mild Steel	Hot Dip Galvanized	30048	19.2 Lbs (8.8 Kgs)	
	304 SS	Sandblasted	30030	21.8 Lbs (9.9 Kgs)	
	316 SS	Sandblasted	30047	21.8 Lbs (9.9 Kgs)	



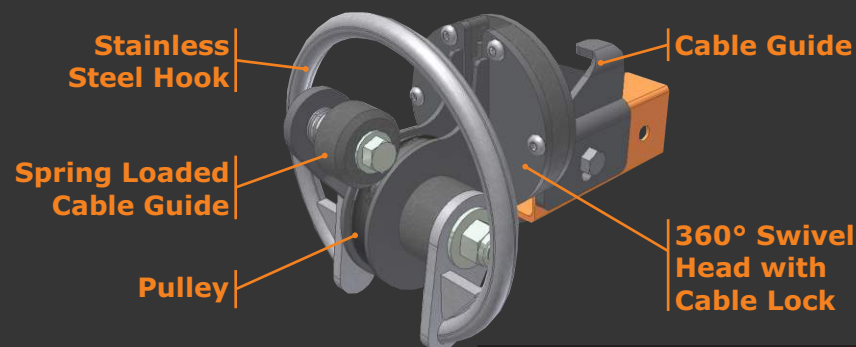
Accessories

Type	Material	Finish	Part #	Weight	Price
Cap, Base	Mild Steel	CS-500	30019	1.11 Lbs (.51 Kgs)	
	304 SS	Sandblasted	30069	1.13 Lbs (.52 Kgs)	

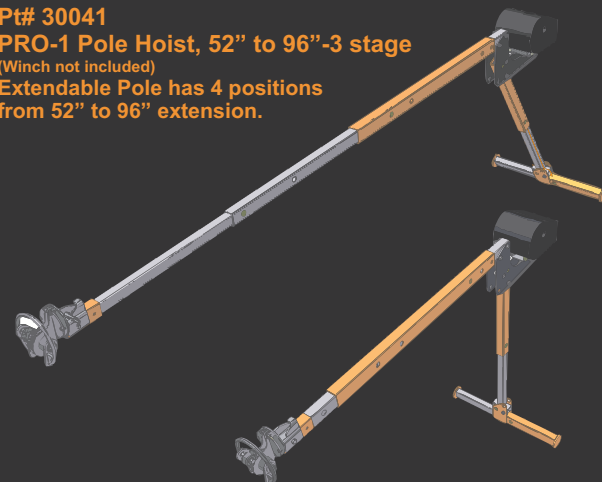


7 Pole Hoist & Accessories

Tuff-Built "Pole Hoists" allows for vertical or horizontal confined space entry-retrieval, rescue, as well as fall protection and work positioning. The Pole Hoist uses a single anchor point near the work area while the attendant remains safely back from any hazard. "PRO-Series Pole Hoists" features "Tuff-Klik" pin-less adjustment, which eliminates lost or damaged locking pins.



Pt# 30041
PRO-1 Pole Hoist, 52" to 96"-3 stage
(Winch not included)
Extendable Pole has 4 positions
from 52" to 96" extension.



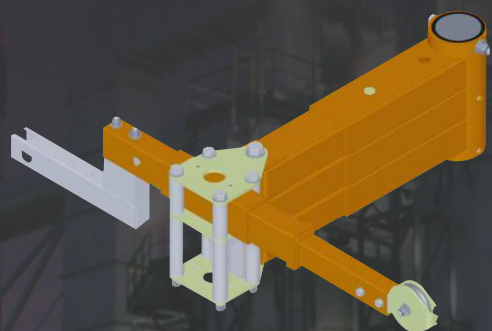
PRO-1 Pole Hoist, 52" to 96"-3 stage
(Winch not included)
Shown collapsed to 52" position

Part #	Package Contains	Winch Pt#	Bracket Pt#	Price
20041	PRO-1 Pole Hoist w/Winch & Winch Bracket	60217	60162	
20042	PRO-2 Pole Hoist w/Winch & Winch Bracket	60217	60162	

7 Horizontal Entry Systems

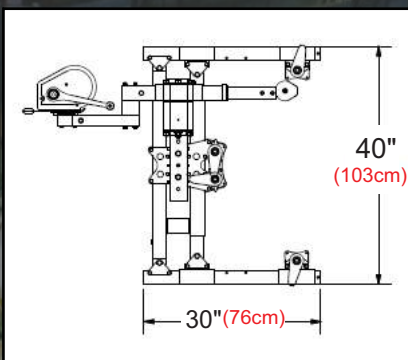
Tuff Built's Horizontal Entry System is designed for confined space entry/retrieval and rescue operations involving horizontal entries with vertical positioning or retrieval required inside the space.

The Horizontal Entry System may be used with a Clamp on or Bolt on Tank Collar base for adaptation to different man holes. The External Clamp-on Base w/ Mast (30321) can be assembled for left and right entry requirements.

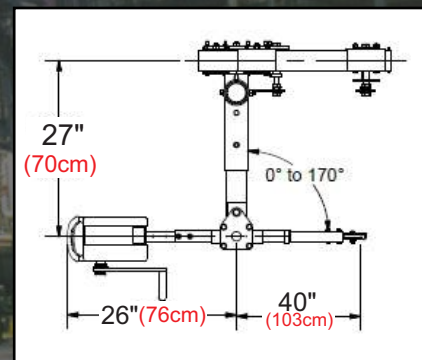


Pt# 30235
Arm Assembly Horizontal Entry

Part#	Description	Price
30235	Arm Assembly, Horizontal Entry System	
30234	Support Mast, 72" (1829mm)	
30303	Support Mast, 19.50" (495.3mm)	
30321	Base, Clamp-On Horizontal Entry w/Mast (30303)	
30276	Base, Bolt-On Horizontal Entry w/Mast (30303)	
60211	Bracket, SRL w/Retrieval Capability Mount	
60212	Bracket, PRO-2/PRO-3 Winch Mount for Horizontal entry	
20073	Package, Horizontal Entry System (30235, 30321, 60217)	
20074	Package, Horizontal Entry System (30235, 30080, 30234)	



Pt# 20073
Horizontal Entry Package



Pt# 40004

Beam Clamps & Anchor Points 8

Tuff Built Products offer a variety of products designed to place anchor points where they are needed to support fall arrest, entry-retrieval, rescue, and work positioning systems.



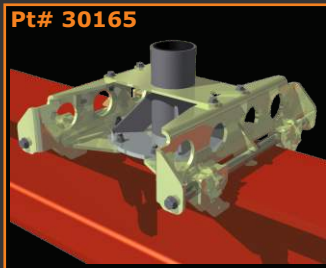
Pt# 60161

Part#	Description	Weight	Price
40004	Chair, Work Positioning (310 Lbs/140 Kgs Capacity)	7.1 Lbs (3.2 Kgs)	
30165	Sleeve, 1BC CS-500 ("I" Beam Clamp on Sleeve) 7" to 14"	65 Lbs (29.5 Kgs)	
60037	Anchor, Pro-1 - I Beam Clamp 5" to 14" (12.7cm to 35cm)	6 Lbs (2.7 Kgs)	
60038	Anchor, Pro-2 - I Beam Clamp 5" to 30" (12.7cm to 76cm)	8 Lbs (3.6 Kgs)	
60039	Anchor, Pro-1 - I Beam Slider 5" to 14" (12.7cm to 35cm)	6 Lbs (2.7 Kgs)	
60048	Brace, Pro-1 Door/Window 22" to 43" (56cm to 110cm)	13 Lbs (5.9 Kgs)	
60049	Anchor Point Bolt on D-Ring	.88 Lbs (.40 Kgs)	
60161	Anchor Point Bolt on D-Ring	3.5 Lbs (1.6 Kgs)	
60025	Anchor Point Bolt on D-Ring	2.3 Lbs (1 Kg)	

Custom designs are available.



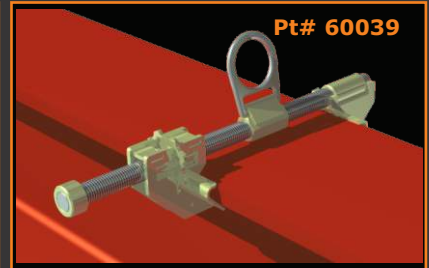
Pt# 60048



Pt# 30165



Pt# 60037



Pt# 60039

Access Stair System with Fall Protection 9

Tuff Built's Products **Mobile Access Stair Systems (M.A.S.S.)** provide a portable means of accessing elevated work areas with a fully functional stairway versus a conventional ladder. While the **Mobile Access Stair System (M.A.S.S.)** offers a wide variety of optional railing, cages, and anchor structures to provide ground-up fall protection for your elevated work activities. With the **Free Standing Access Stair Systems (F.S.A.S.S.)** which are height adjustable from 141" to 216" (to the entrance platform), the stairway design creates safer access to elevated work areas while carrying tools, anchor points adjust with the entrance platform.



Pt# 20014;
MASS, Davit Anchor
Points Pkg



Pt# 20009;
MASS, Tripod Pkg



Pt# 20039;
MASS, Guardrail Cage

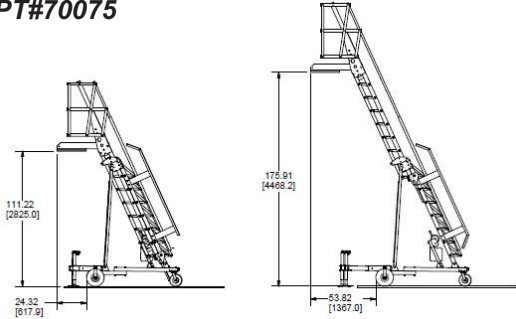
Part#	Model	Weight	Price
20039	Guardrail Pkg w/Bumpers	67 Lbs (31 Kgs)	
20009	MASS, Tripod Pkg (includes cage)	65 Lbs (39 Kgs)	
20014	MASS, Davits (2) Anchor Points	121 Lbs (55 Kgs)	
20015	Mass, Rail (10FT) w/ Travelling Anchor point	166 Lbs (76 Kgs)	

Custom designs are available.

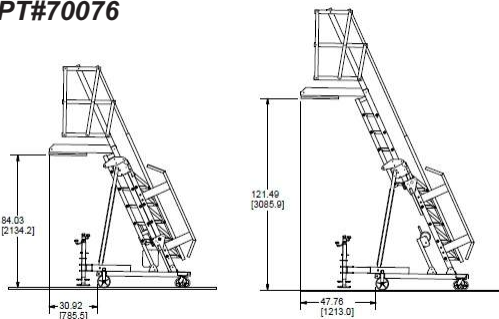
9 Access Stair System with Fall Protection

Mobile Access Stair Systems (M.A.S.S.)

PT#70075



PT#70076

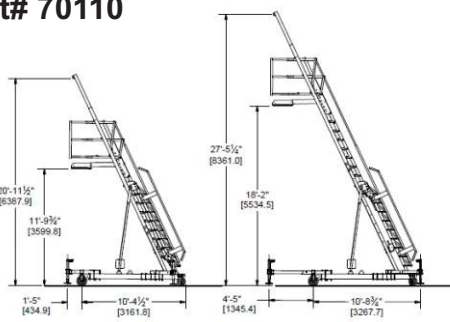


Part#	Model	Height	Wheels	Weight	Price
70075	Mobile Access Stair System	114" (290cm) - 180" (457cm)	Pneumatic	1225 Lbs (557 Kgs)	
70076	Mobile Access Stair System	86" (218cm) - 123" (312cm)	Urethane	960 Lbs (437 Kgs)	

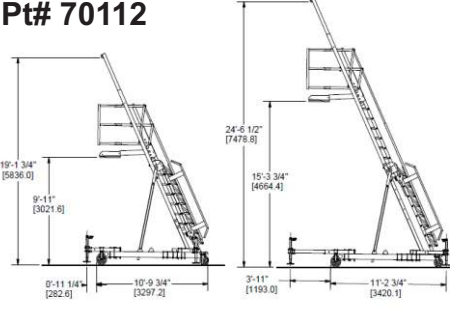
Freestanding Access Stair Systems (F.S.A.S.S.)

Part#	Model	Height	Wheels	Weight	Price
70110	F.S.A.S.S., 141//216H-2A-PFF	141" (358cm) - 216" (549cm)	Pneumatic	2075 Lbs (942 Kgs)	
70111	F.S.A.S.S., 129/215H-2A-U	129" (328cm) - 215" (546cm)	Urethane	1650 Lbs (749 Kgs)	
70112	F.S.A.S.S., 119/184H-2A-PFF	119" (302cm) - 184" (467cm)	Pneumatic	2000 Lbs (907 Kgs)	
70442	F.A.S.S., 171/293H-2A-MR-TH-HYD Manual Hydraulic Adjustment	171" (435cm) - 293" (745cm)	Molden Rubber	3050 Lbs (1386 Kgs)	
70443	F.A.S.S., 141/218H-2A-MR-TH	141" (360cm) - 218" (552cm)	Molden Rubber	2200 Lbs (1000 Kgs)	

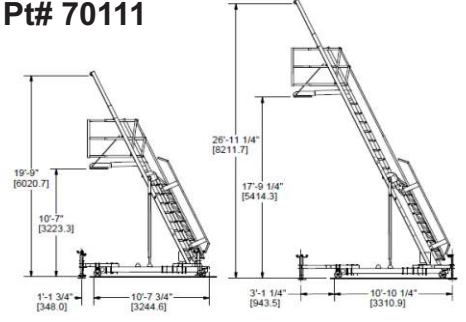
Pt# 70110



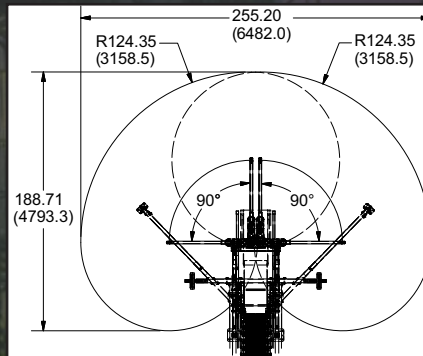
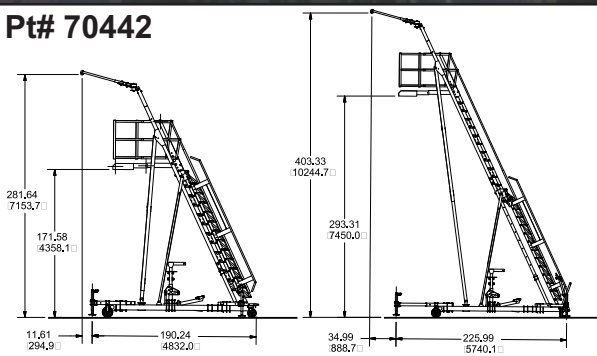
Pt# 70112



Pt# 70111



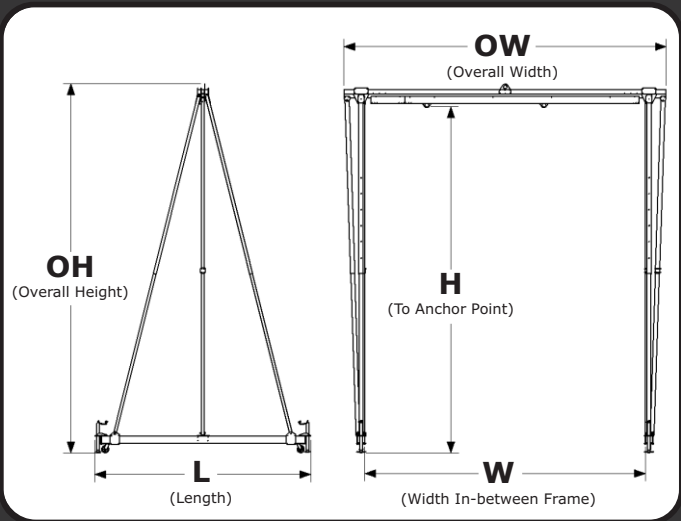
Pt# 70442



TuffBuilds **NEW** Umbrella System provides a rotating anchor point for Larger WORK AREA COVERAGE

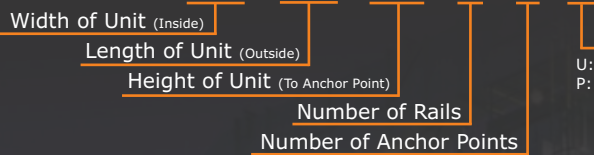
Tuff Built Product's mobile A-Frames allow you to place overhead anchor points where you need them in your work place. These systems roll over equipment and other structures requiring access to provide ground-up fall protection for your elevated work activities.

A-Frames 10



Part#	Model	W	H	OH	L	OW	Wheels	Price
70010	A-Frame, 19W-23H-1R-2A-U	19'-2"	23'-7"	25'-2"	13'-11"	22'-0"	Urethane	
70011	A-Frame, 12W-20H-1R-1A-U	12'-0"	20'-7"	21'-9"	14'-0"	16'-0"	Urethane	
70024	A-Frame, 34W-32H-1R-2A-P	34'-8"	32'-0"	34'-0"	20'-0"	38'-0"	Pneumatic	
70037	A-Frame, 33.5W-22H-1R-2A-U	33'-6"	22'-0"	23'-11"	14'-0"	36'-9"	Urethane	

Quad-Frame, 14W-34L-22H-2R-4A-P

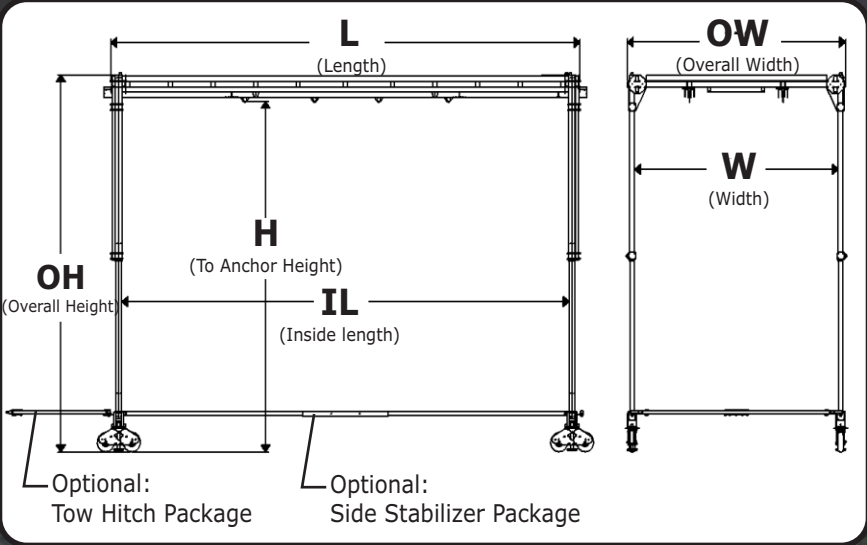


Quad Frames 10

Tuff Built Product's mobile Quad-Frames allow you to place overhead anchor points where you need them in your work place.



Pt# 70143; Quad-Frame, 14W-34L-24H-2R-4A-P



Part#	Model	W	L	H	OH	IL	OW	Wheels	Price
70140	Quad-Frame, 12W-16L-18H-2R-2A-P	12'-0"	16'-0"	18'-4"	20'-0"	14'-5"	13'-0"	Pneumatic	
70141	Quad-Frame, 12W-16L-18H-1R-2A-U	12'-0"	16'-0"	18'-4"	20'-0"	14'-5"	13'-0"	Urethane	
70142	Quad-Frame, 12W-15L-16H-1R-2A-U	12'-0"	15'-0"	15'-10"	17'-6"	13'-5"	13'-0"	Urethane	
70143	Quad-Frame, 14W-34L-22H-2R-4A-P	14'-4"	34'-4"	21'-8"	23'-4"	31'-5"	15'-4"	Pneumatic	

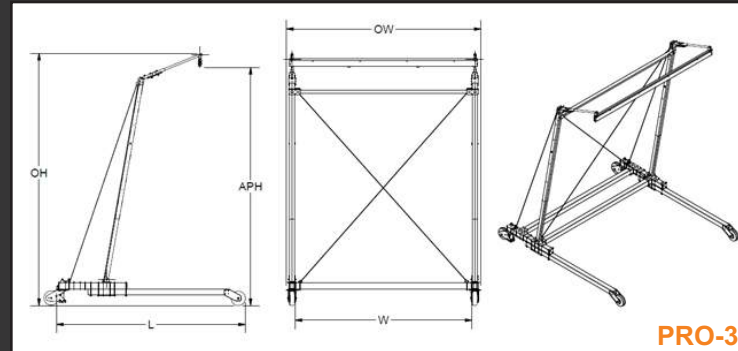
****A optional Electric/Hydraulic height adjustment package is available for Quad-Frames.**

11 Mobile Horizontal Rail Systems



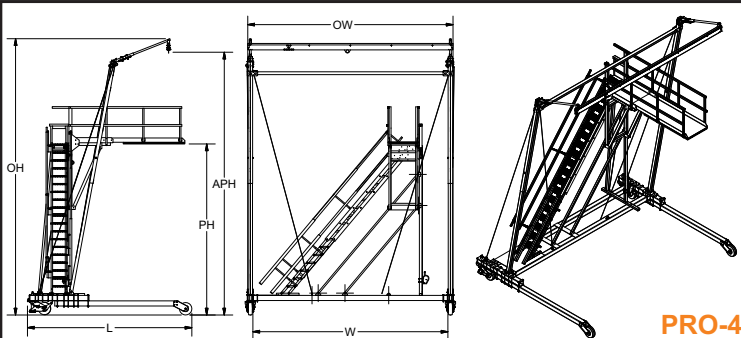
Mobile Horizontal Rail Systems roll up to elevated work surfaces and provide mobile anchor points for fall protection along the length of an elevated area.

Mobile Horizontal Rail Systems may be fixed or adjustable in height. In addition a access stair system with entrance platform can be incorporated to provide ground-up fall protection for your elevated work activities.



PRO-3

Part #	Model	W (width inside)	APH (Anchor Point Height)	OH (overall Height)	L (Length)	OW (overall width)	# of Rails	# of Anchors	Wheels	Weight (lbs / kgs)	Price
70033	SXS Pro-3, 9W-25H-1R-2A-P	9'-0"	25'-5"	26'-9 1/2"	16'-1 1/2"	10'-6"	1	2	Pneumatic Foam Filled	1975 / 898	
50090	SXS-Pro-3, 15W-20H-1R-2A-P	15'-0"	20'-1"	21'-3 3/4"	16'-0"	16'-6"	1	2	Pneumatic Foam Filled	2015 / 916	
70382	SXS Pro-3, 20W-19H-1R-2A-U	20'-0"	19'-0"	21'-8"	17'-9 1/2"	21'-3"	1	2	Urethane	1700 / 773	



PRO-4

Part #	Model	W (width inside)	APH (Anchor Point Height)	OH (overall Height)	L (Length)	OW (overall width)	PH (Platform Height)	# of Rails	# of Anchors	Wheels	Weight (lbs / kgs)	Price
70103	SXS Pro-3, 19W-25H-1R-1A-P	19'-0"	25'-7"	26'-11"	16'-1 1/2"	20'-6"	9'-0" to 16'-8"	1	1	Pneumatic Foam Filled	3050 / 1387	

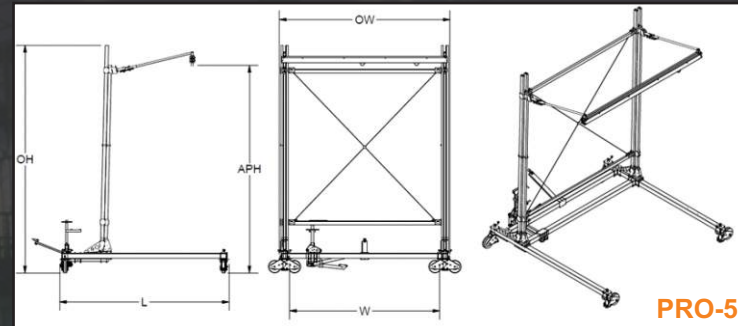


Pt# 70033

Pt# 50025

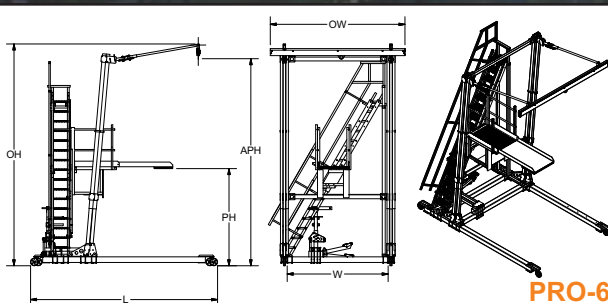


Hydraulic systems can be equipped with several type of "power packs".



PRO-5

Part #	Model	W (width inside)	APH (Anchor Point Height)	OH (overall Height)	L (Length)	OW (overall width)	# of Rails	# of Anchors	Wheels	Weight (lbs / kgs)	Hydraulic Controls	Price
50007	SXS Pro-5, 10W-12/18H-1R-1A-P	9'-6"	12'-4" to 18'-6"	13'-8" to 19'-10"	14'-10"	12'-0"	1	1	Pneumatic Foam Filled	2320 / 1055	Manual	
50040	SXS Pro-5, 15W-20/34H-2R-2A-P	15'-0"	20'-0" to 33'-9"	21'-11" to 35'-9"	16'-5"	16'-6"	2	2	Pneumatic Foam Filled	3525 / 1602	Manual	
70381	SXS Pro-5, 20W-19/33H-1R-2A-U	20'-0"	18'-9 1/2" to 32'-11"	20'-8" to 34'-9"	17'-10"	21'-3"	1	2	Urethane	3000 / 1364	Manual	



PRO-6

Several type of wheel options are available, call for more information



Pt# 50007

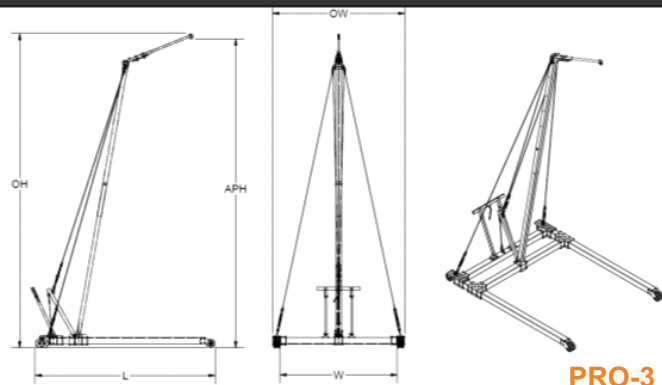
Part #	Model	W (width inside)	APH (Anchor Point Height)	OH (overall Height)	L (Length)	OW (overall width)	PH (Platform Height)	# of Rails	# of Anchors	Wheels	Weight (lbs / kgs)	Hydraulic Controls	Price
50025	SXS Pro-5, 10W-19/24H-1R-1A-U-AP	9'-0"	18'-5" to 24'-0"	19'-9" to 25'-3"	16'-8"	12'-0"	8'-9" to 13'-10"	1	1	Urethane	2720 / 1236	Manual	



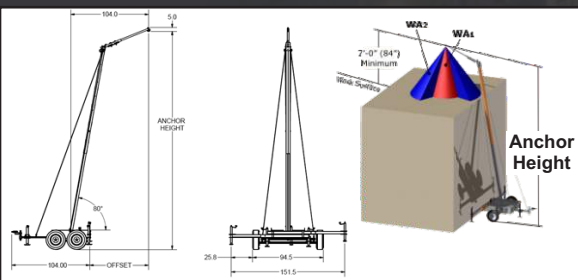
Sky-X-Stand systems provide Mobile overhead fall protection anchor points in a lightweight and easy to set up package.

The Sky-X-Stand series consists of:

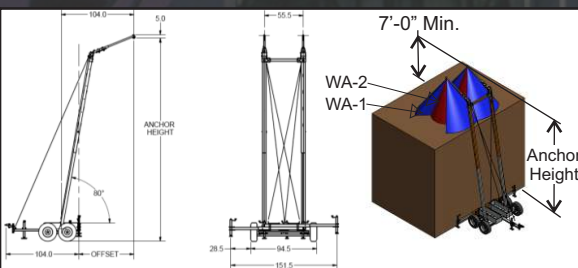
- | | |
|-------|---------------------------------------------------------------------------------------------|
| PRO-1 | Single Anchor Point (fixed height) |
| PRO-2 | Double Anchor Point Truck Mount (fixed height). |
| PRO-3 | Mobile Anchor Point or Horizontal Rail (Single or Double Anchor Points, fixed height). |
| PRO-4 | Mobile Horizontal Rail (fixed height) with Access Platform (adjustable). |
| PRO-5 | Mobile Horizontal Rail (hydraulically adjustable height) |
| PRO-6 | Mobile Horizontal Rail (hydraulically adjustable height) with Access Platform (adjustable). |
| PRO-7 | Anchor Point Hitch Mount (Single or Double Anchor Points, fixed height). |
| PRO-8 | Restricted Space Anchor Point or Horizontal Rail (fixed height). |
| PRO-9 | Cube Systems and accessories. |



Part #	Model	W (w width inside)	APH (Anchor Point Height)	OH (overall Height)	L (Length)	OW (overall width)	# of Anchors	Wheels	Weight (lbs / kgs)	Price
70039	SXS-Pro-3, 9W-16H-1A-U	9'-0"	16'-3"	16'-7 ½"	13'-9 ¾"	10'-2"	1	Urethane	1100 / 500	
70035	SXS Pro-3, 9W-18H-1A-U	9'-0"	18'-2"	18'-7"	13'-9 ¾"	10'-2"	1	Urethane	1100 / 500	
70040	SXS Pro-3, 9W-20H-1A-U	9'-0"	19'-9"	20'-1"	13'-9 ¾"	10'-2"	1	Urethane	1100 / 500	
70041	SXS Pro-3, 9W-22H-1A-U	9'-0"	21'-11 ¾"	22'-4 ½"	13'-9 ¾"	10'-2"	1	Urethane	1100 / 500	
70031	SXS Pro-3, 9W-24H-1A-U	9'-0"	23'-8 ½"	24'-1"	13'-9 ¾"	10'-2"	1	Urethane	1100 / 500	



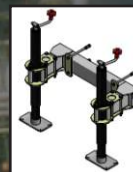
PRO-7 Sky-X-Stand systems are a counter weighted (steel bins must be filled with concrete) hitch mounted (units must be attached to vehicles during use) anchor point.



Pt# 70028; Pro-7 Side Outriggers
(standard with units 20'-0" and over)

Single Anchor Point Fixed Height							
Part #	NOMINAL SYSTEM ANCHOR HEIGHT	NOMINAL SYSTEM OFFSET	MINIMUM HEIGHT OF ANCHOR ABOVE WORK SURFACE	DIAMETER OF WORKING ZONE WITHOUT OUTRIGGER KIT (WA1)	DIAMETER OF WORKING ZONE WITH OUTRIGGER KIT (WA2)	Weight (lbs / kgs)	Price
70179	16'-0" (4.06m)	62.00" (1.57m)	7'-0" (2.13m)	5'-0" (1.5m)	10'-0" (3.0m)	1600 / 728	
70027	18'-0" (4.57m)	66.18" (1.68m)				1625 / 739	
70026*	20'-0" (5.08m)	70.38" (1.78m)		1650 / 750			
70025*	22'-0" (5.59m)	74.62" (1.89m)		1675 / 762			
70021*	24'-0" (6.09m)	78.88" (2.00m)		1700 / 773			
				N/A			

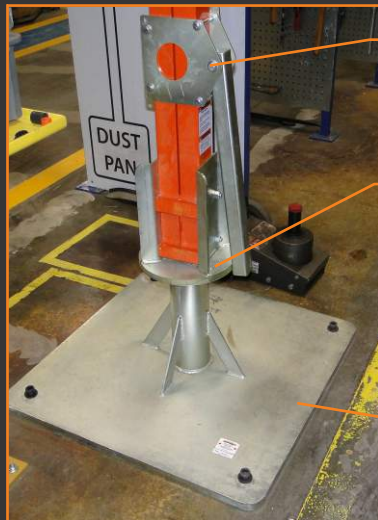
Double Anchor Point Fixed Height								
Part #	NOMINAL SYSTEM ANCHOR HEIGHT	NOMINAL SYSTEM OFFSET	MINIMUM HEIGHT OF ANCHOR ABOVE WORK SURFACE	DIAMETER OF WORKING ZONE WITHOUT OUTRIGGER KIT (WA1)	DIAMETER OF WORKING ZONE WITH OUTRIGGER KIT (WA2)	Weight (lbs / kgs)	Price	
70340	16'-0" (4.06m)	62.00" (1.57m)	7'-0" (2.13m)	5'-0" (1.5m)	10'-0" (3.0m)	1775 / 807		
70339	18'-0" (4.57m)	66.18" (1.68m)				1800 / 818		
70338*	20'-0" (5.08m)	70.38" (1.78m)		1825 / 830				
70337*	22'-0" (5.59m)	74.62" (1.89m)		1850 / 841				
70095*	24'-0" (6.09m)	78.88" (2.00m)		1875 / 852				



Pt# 70028;
Pro-7 Front Outriggers
 (Allows units to be used
 independently of vehicle, requires
 70028 to be installed)

12 Restricted Space Davit Systems

The PRO-8 Restricted Space Series allows you to place fall protection anchors where you need them with minimal disruption to work place layouts and operations. Free standing portable and permanently installed options let you pick the solution that is best suited to your facility's individual needs. PRO-8 Series Rail Restricted Space Rail Systems can be customized in a variety of ways, such as height, length, position and number of users. The modular and lightweight design of components for the PRO-8 series allows for fast and easy installation.



50058
Turning Handle

50060
Restricted Space Davit,
Insert style base

50054
Floor Mount Sleeve
(360° swivel)
Installs in as little as 4.00"
(100mm) of concrete.



**Installed Flush
Floor Mount
Sleeve Pt# 50042**

50061
Restricted Space Mast,
84R-168/192/240H

50041
Forklift Pockets

50058
Turning Handle

50042
Flush Floor
Mount Sleeve
(360° swivel,
existing concrete)



50038
Restricted Space Anchor Point Davit
84R-168/192/240H (w/base)
(Shown with optional equipment
50041 and 50058)

Part #	Description	Price
50038	Restricted Space Anchor Point Davit ,84x-168/192/240H (w/base)	
50041	Add on: Forklift Pockets	
50058	Add on: Turning Handle (only used with davits installed in 360° swivel bases)	
50060	Base, Restricted Space Davit Core Style (360° swivel)	
50042	Sleeve, Flush Floor Mount (360° swivel, existing concrete)	
50054	Sleeve, Floor Mount (360° swivel)	
50062	Sleeve, Floor Mount (Fixed Position)	
50061	Restricted Space Mast, 84X-168/192/240H (NO insert Base)	
50046	Cap, Sleeve (CS-500)	

Cube Systems and Accessories 12

Cube Systems use a concrete-filled steel box as a ballasted to support for davits and/or rails which may be positioned over a raised working surface.

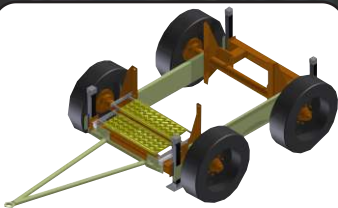
With a variety of base options Cube Systems can be moved between work areas using suitable material handling equipment.



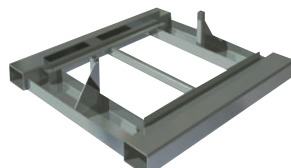
PRO-9 Cube System Accessories

Part#	Description	Price
70187	Forklift Pockets	
70188	Kit, Leveling for Concrete Floors ONLY (adds 5.00" to height)	
70224	Trailer / Dolly STD Duty (adds 15.00" to height)	
70225	Stabilizer Base with Single Forklift Pockets (adds 3.00" to height)	
70497	Trailer / Dolly Heavy Duty (adds 6.00" to height)	
70516	Kit, Leveling for Large EU Stabilizer (Pt# 70532)	
70532	Large Stabilizer EU Base (adds 8.00" to height)	
70528	Kit, Bolt-on Leveling (to be used ONLY with 70225 with 70516, not shown)	

Cube Rail Package PT# 70481
 Package Consists of :
 Cube Base PT# 70186 (1X)
 Anchor Point Davits PT# 70374 (2X)
 Tuff-Glide 20'-0" (1X) with Travelling
 Anchor Point PT# 70079 (1X)
 (Shown with optional equipment Stabilizer
 Base PT# 70527 (1X) not included with
 package)



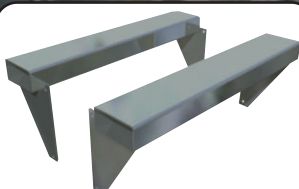
Pt# 70497; Trailer/Dolly
Heavy Duty



Pt# 70225; Stabilizer
Base w/ Single Pockets



Pt# 70188; Pallet Jack



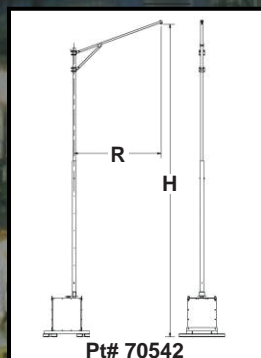
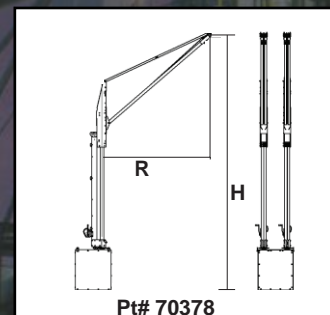
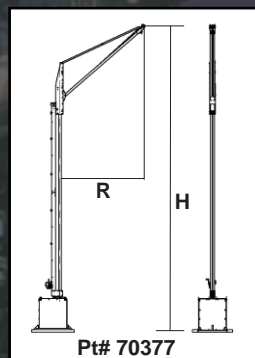
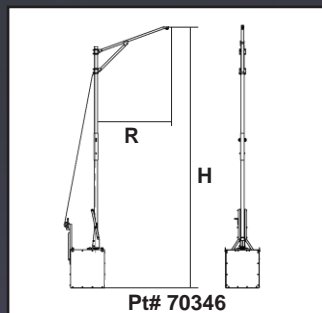
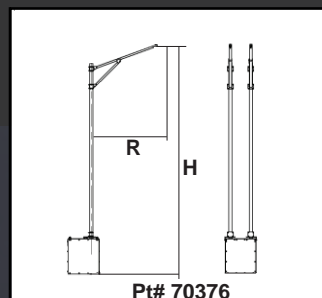
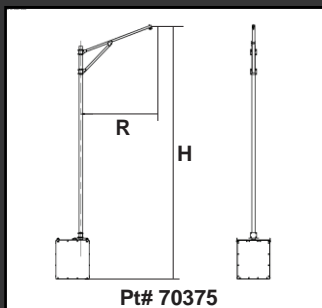
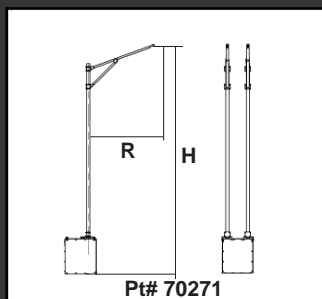
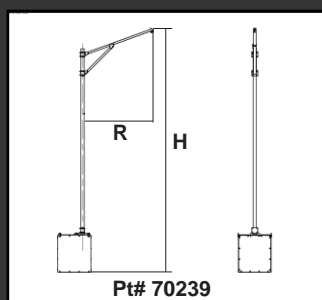
Pt# 70187; Forklift
Pockets



Pt# 70532; Large EU
Stabilizer Base



Pt# 70516; Leveling Kit



Pro- 9 Cube Package # 70239 includes;			Price	
	Pt#	Qty	Description	
Davit	70238	1	Single Anchor Point Fixed Height (Aluminum)	
Base	70185	1	Single Sleeve 8pc Cube	
Davit Reach		7'-0" (2.13m)		
Davit Height		13'-6" (4.06m) min. to 24'-4" (7.41m) max.		
Pro- 9 Cube Package # 70271 includes;			Price	
	Pt#	Qty	Description	
Davit	70238	2	Single Anchor Point Fixed Height (Aluminum)	
Base	70186	1	Double Sleeve 8pc Cube	
Davit Reach		7'-0" (2.13m)		
Davit Height		13'-6" (4.06m) min. to 24'-4" (7.41m) max.		
Pro- 9 Cube Package # 70375 includes;			Price	
	Pt#	Qty	Description	
Davit	70374	1	Single Anchor Point Fixed Height (Steel)	
Base	70185	1	Single Sleeve 8pc Cube	
Davit Reach		10'-0" (3.04m)		
Davit Height		13'-6" (4.06m) min. to 24'-4" (7.41m) max.		
Pro- 9 Cube Package # 70376 includes;			Price	
	Pt#	Qty	Description	
Davit	70374	1	Single Anchor Point Fixed Height (Steel)	
Base	70186	1	Double Sleeve 8pc Cube	
Davit Reach		10'-0" (3.04m)		
Davit Height		13'-6" (4.06m) min. to 24'-4" (7.41m) max.		
Pro- 9 Cube Package # 70346 includes;			Price	
	Pt#	Qty	Description	
Davit	70345	1	Single Anchor Point Fixed Height (Aluminum) Folding w/ Winch	
Base	70185	1	Single Sleeve 8pc Cube	
Davit Reach		7'-0" (2.13m)		
Davit Height		13'-6" (4.06m) min. to 24'-4" (7.41m) max.		
Pro- 9 Cube Package # 70377 includes;			Price	
	Pt#	Qty	Description	
Davit	70120	1	Single Anchor Point Adjustable Height	
Base	70185	1	Single Sleeve 8pc Cube	
Davit Reach		10'-0" (3.04m)		
Davit Height		14'-2 1/2" (4.33m) min. to 23'-6 1/4" (7.41m) max.		
Pro- 9 Cube Package # 70378 includes;			Price	
	Pt#	Qty	Description	
Davit	70120	2	Single Anchor Point Adjustable Height	
Base	70186	1	Double Sleeve 8pc Cube	
Davit Reach		10'-0" (3.04m)		
Davit Height		14'-2 1/2" (4.33m) min. to 23'-6 1/4" (7.41m) max.		
Pro- 9 Cube Package # 70542 includes;			Price	
	Pt#	Qty	Description	
Davit	70541	1	Pro-3 Single Anchor Point 120R-391H (Steel)	
Base	70185	1	Single Sleeve 8pc Cube	
Transport	70532	1	Large Stabilizer EU Base	
Davit Reach		3'-10" (1.2m)		
Davit Height		12'-10" (3.91m)		

**For Custom Systems Call 1-800-504-4016
for more information.**

Tuff-Guard Hand Railing System & Accessories 13

Tuff-Built Product's Inc's "Tuff-Guard" Hand railing system is a versatile product that can adapt to a variety of applications, eg: Fall protection along roof edges and Safe movement on inclined roofs.

The lightweight construction and inter changeable design of components allows for a wider range of uses and applications.

70805
Post Swivel Horizontal Pivot (P6) has a 360° rotating ability which allows handrails to contour the edge profiles easily.

Platform sections installed with Tuff-Guard creates safe access across open spans (various platform lengths are available contact manufacture for more information).

70800
Post Straight (P1) works for long or short runs of straight handrails.

70809
Base Parapet Clamp-on (B4) can be adjusted to fit parapets 14.50" (368mm) to 2.50" 63.5mm) in width.

70813
Bracket Vertical Pivot (M3) can be permanently or temporarily installed using various types of anchors.

70811
Bracket Straight (M1) can be permanently or temporarily installed using various types of anchors.

Handrail sections are available in 2 ft increments, also available are adjustable sections of 10 ft to 18 ft and 7 ft to 12 ft.

Part #	Description	Style	Price
70800	Post "Straight"	P1	
70801	Post "Tee"	P2	
70802	Post "90 Elbow"	P3	
70803	Post "Straight Vertical Pivot"	P4	
70804	Post "Tee Vertical Pivot"	P5	
70805	Post "Swivel Horizontal Pivot"	P6	
70806	Base, Bolt-On (Steel)	B1	
70807	Base, Bolt-On (Alum)	B2	
70810	Base, Counterweight Rack	B5	
70811	Bracket, "Straight" Wall Mount	M1	
70812	Bracket, "Horizontal Pivot" Wall Mount	M2	
70813	Bracket, "Vertical Pivot" Wall Mount	M3	
70814	Handrail Tube 2 ft (24"/610mm); 2 Length	R2	
70815	Handrail Tube 4 ft (48"/1219mm); 2 Length	R4	
70816	Handrail Tube 6 ft (72"/1829mm); 2 Length	R6	
70817	Handrail Tube 8 ft (96"/2438mm); 2 Length	R8	
70818	Handrail Tube 10 ft (120"/3048mm); 2 Length	R10	
70819	Handrail Tube 12 ft (144"/3658mm); 2 Length	R12	
70820	Handrail Tube 14 ft (168"/4267mm); 2 Length	R14	
70821	Adjustable Handrail Tube 10 ft to 18 ft; 2 Length (84" to 144"/2134mm to 3658mm)	R1018	
70822	Adjustable Handrail Tube 7 ft to 12 ft; 2 Length (84" to 144"/2134mm to 3658mm)	R712	

14 Tuff-Glide Horizontal Rail & Trolley System

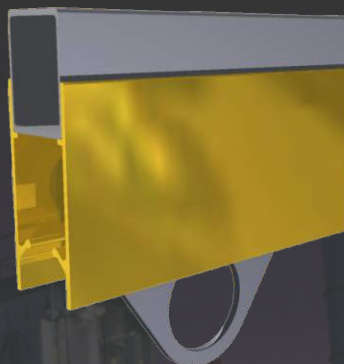
Tuff Built Product's "Tuff-Glide" Horizontal Rail and Trolley system is a modular rail and trolley system designed for overhead installation to new or existing structure to provide overhead anchor points for personal fall protection.

Aluminum Backbone
Shown with Reinforcement tubes

Tuff-Glide Extrusion

4 or 5 Wheels

Trolley



Part #	Description	Weight (lbs / kgs)	Price
70056	Tuff-Glide, 4 Wheeled Trolley-Mild Steel CS-500	3.3 (1.5)	
70055	Tuff-Glide, 5 Wheeled Trolley-Mild Steel CS-500	3.6 (1.6)	
70063	Tuff-Glide, 4 Wheeled Trolley-Mild Steel CS-500 (single anchor)	2.8 (1.3)	
70052	Tuff-Glide, 4 Wheeled Trolley - 304 SS	3.3 (1.5)	
70051	Tuff-Glide, 5 Wheeled Trolley - 304 SS	3.6 (1.6)	
70050	Tuff-Glide, 1 ft Rail (2 pieces of track & 1 piece of tube)	2.8 (1.3)	
70060	Bracket, Tuff-Glide Swivel Hanger 2"-2.5" (5cm-6.3cm)	4.8 (2.2)	
70062	Bracket, Tuff-Glide Hanger 2" (5cm)	2.7 (1.3)	
70061	Bracket, Tuff-Glide Mtg Rail 2" (5cm)	5.0 (2.3)	

Tuff Built Product's *PRO-4 Series* Tripod Rescue system combines a fully functional tripod with a support structure for cantilever rescue operations. The rescue system features "Tuff-Klik" pin-less adjustment, which eliminates lost or damaged locking pins.

Pro-4 Rescue Tripod shown being used in a cantilever setup.



PRO-4 Rescue Tripod shown being used as standard Tripod setup.



Pro-4 Tripod Rescue (10ft-3 Stage)

Package	Package Contains	Winch	SRL	SRL Bracket	Structure Bracket	Price
20008	Pro-4 Tripod Rescue 10ft-3 Stage PT# 30102	-	-	-	-	
	Pro-4 Tripod Rescue Base PT# 30103	-	-	-	-	
	Pro-4 Tripod Rescue Foot (3 Pieces) PT# 30078	-	-	-	-	
20029	Tripod with Winch & Winch Brackets	60217	-	-	60101	
20030	Tripod with Winch, Winch Brackets, SRL, SRL Brackets	60217	60057	60154	60101 (2X)	
20031	Tripod with SRL & SRL Brackets	-	60057	60154	60101	
20032	Tripod with Hanging SRL	-	60055	60035	-	
20033	Tripod with Winch & Winch Brackets and Hanging SRL	60217	60055	60035	60101	



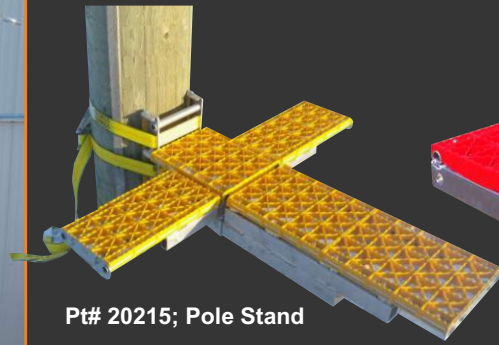
Pro-1 Rescue Strut 8ft shown in application.

Rescue Struts

Part #	Descriptions	Weight	Price
30100	Pro-1 Rescue Strut 8 Ft (2.43m)	26.3 Lbs (11.9 Kgs)	
30101	Pro-2 Rescue Strut 14 Ft (4.26m)	33.7 Lbs (15.2 Kgs)	

16 Portable Fall Arrest Anchor Post & Accessories

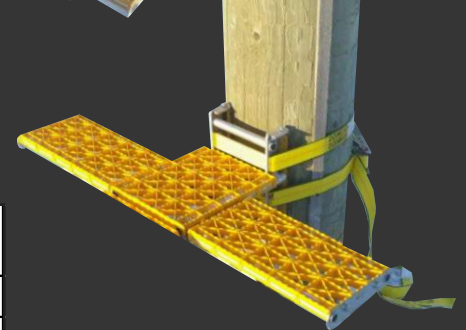
Tuff Built's *PRO-Series* Portable Fall Arrest Structures are designed to anchor to various work surface mounted anchor points, including the Uni-Anchor style plates widely provided by other manufactures.



Pt# 20215; Pole Stand



Pt# 30337; Pole Stand



Part #	Description	Anchor Points	Height Max. (ft / m)	Height Collapsed (ft / m)	Weight (lbs / kgs)	Price
30147	Tripost, Pro-2	2	14'-3" (4.28)	5'-11" (1.83)	66 (30)	
30137	Tripost, Pro-3	3	4'-7" (1.39)	2'-6" (0.76)	33 (15)	

Designed for use on transformers or similar elevated surfaces, the Pro-3 Tripost (Pt# 30137) provides 3 separate fall protection-rated anchor points in a lightweight portable package that installs quickly without any tools.

Tripost Safe Working Zone

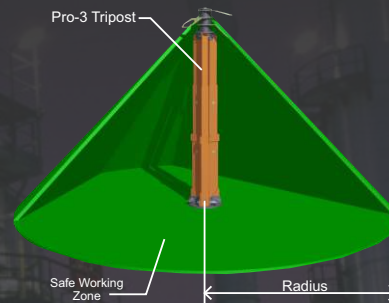
Workers must stay within the Safe Working Zone while attached to the Tripost in accordance with the manufacturers instructions, to ensure protection as intended by the equipment.

Values shown assume the following conditions;

The work surface is at the same elevation as the surface to which the mounting base is installed.

Each worker weighs 310 lbs or less, including all clothes, tools and accessories and is connected to the post using a self retracting lifeline (SRL) with a Maximum Arrest Force (MAF) rating of 900 lbs (4 kN) or less.

For applications not with the parameters given above please contact your supplier / distributor for additional options.



Pt# 30287; Tripost Davit Arm shown on Pro-3 Tripost.

Part #	Description	Finish	Weight (lbs / kgs)	Price
30139	Base Bolt on Tripost	CS-500	10.3 (4.7)	
30144	Base Weld on Tripost	Plain Steel	10.3 (4.7)	
30130	Base Analog Weld on Fall Arrest Post	Plain Steel	9.3 (4.2)	
30140	Base Tripost for Analog Base	CS-500	16.2 (7.4)	
30248	Base Analog Weld on Fall Arrest Post w/tie off anchor	Plain Steel	10.2 (4.6)	
30284	Base Weld on Tripost w/tied off anchor (1)	Plain Steel	10.9 (4.9)	
30285	Base Weld on Tripost w/tied off anchor (3)	Plain Steel	12.4 (5.6)	
30287	Tripost Davit Arm Assembly	CS-500	14.0 (6.4)	
30149	Base Tripost Mount for Proman Base	CS-500	12.2 (5.5)	
30184	Base Tripost Mount for Trench Plate (1.25 coil Thread)	CS-500	37.0 (16.8)	
30337	Pole Stand (ø7.50 to ø36.00)	-	12.5 (5.6)	
30344	Add-on Step for Pole Stand	-	4.0 (1.8)	
20097	Package, Pole Stand Assembly (30337 X1, 30344 X2)	-	23.0 (10.4)	





Tuff Step provides safe temporary working access to most sloped surfaces where anchoring is possible. May be used as individual stairs or joined together for longer runs. Possible uses include road/rail embankments, river banks, gravel pits, earth retaining walls, trenching, access to accident sites, construction sites, vehicles, general hilly terrain and temporary access between building levels. Can also provide safe temporary bridging over small holes and uneven terrain.

Common features of Tuff-Step are;

1. Heavy duty non-slip thermoplastic tread.
2. Open design prevents build up of ice, snow, and mud.
3. Maximum load is 550 Lbs (250 Kgs) per step.
4. Adjustable slope 0-55° (5 position).
5. Unlimited number of steps that may be used together with or without anchors.



Single Steps



Part #	Description	Weight	Price
15004	Single Narrow Step w/ground spikes	6.35 Lbs (2.9 Kgs)	
15005	Single Wide Step w/ground spikes	9.80 Lbs (4.5Kgs)	

Step Sections and Portable Walkways or Ramps

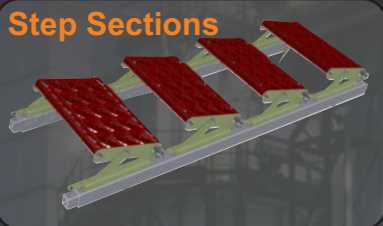
Features of Step Sections and Portable Walkway/Ramps are;

Portable Walkways/Ramps are available in narrow or wide assemblies permanently mounted to aluminum frames in 8, 12, or 16 Steps sections. The "Steps" on Portable Walkway/Ramp can fold down to create a Flat, non-slip Walkway or Ramp.

Step Sections are mounted to aluminum support tubes and are available in narrow or wide, in section lengths of 4 or 8 step.

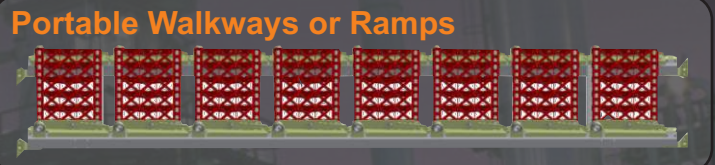
Handrail for Step Sections and Portable Walkway/Ramp are available, they can be installed at the factory or in the field.

Step Sections



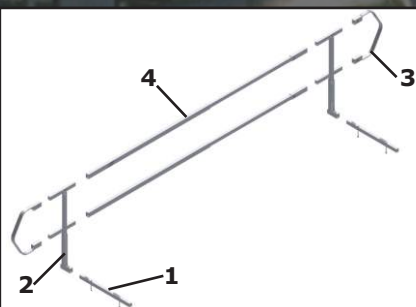
Part #	Description	Length X Width (inches / cm)	Weight (lbs / kgs)	Price
15006	4 Step Narrow Section	47.5" (120) X 17.0" (80)	25.6 (11.7)	
15007	8 Step Narrow Section	95.0" (241) X 17.0" (43)	51.2 (23.3)	
15008	4 Step Wide Section	47.5" (120) X 31.5" (80)	39.2 (17.8)	
15009	8 Step Wide Section	95.0" (241) X 31.5" (80)	78.4 (35.6)	

Portable Walkways or Ramps



Part #	Description	Length X Width (inches / cm)	Weight (lbs / kgs)	Price
15011	8 Step Narrow Section	95.00" (241) X 17.0" (43)	51.2 (23.3)	
15013	12 Step Narrow Section	141.50" (359) X 17.0" (43)	76.8 (35.7)	
15015	16 Step Narrow Section	188.75" (479) X 17.0" (43)	102.4 (46.5)	
15018	8 Step Wide Section	95.00" (241) X 31.5" (80)	78.4 (35.6)	
15020	12 Step Wide Section	141.50" (359) X 31.5" (80)	117.6 (53.4)	
15022	16 Step Wide Section	188.75" (479) X 31.5" (80)	156.8 (71.2)	

Handrails / Accessories



Item #	Part #	Description	Price
1	15076	Connection Tube (Narrow)	
-	15075	Connection Tube (Wide)	
2	15078	Post Assembly	
3	15085	End Rail	
4	15082	Adjustable Handrail (2pcs, 72" to 115")	
-	NA	Non-Adjustable Handrails (2pcs)	

Handrails, Connection Tubes and Post Assemblies are designed to be used on Step Sections or Portable Walkways/Ramps. Connections tubes allow users to have Handrails on one or both sides of the step assemblies. Handrails are designed to "span" one section to another. Depending on the length of the "run", 1 (one) connection tube is required per section.

17 Para-Stair Systems & Accessories

Para-Stair Systems are a self supporting stair for accessing elevated work surfaces.

These systems are designed so the stair tread remains level with the ground over an operating range of 30° to 60°. Handrails adjust with the level of the stair to accommodate and maintain an ergonomic and comfortable handrail height.

The easy adjustability and modular design of Para-Stair allows for lightweight, economical custom solutions to meet your job site requirements.



Part #	Description	Weight (lbs / kgs)	Price
15136	Para-Stair, T op Landing (Narrow Assembly)	62.0 (28.2)	
15104	Para-Stair Assembly, 4-NS (Handrails Both Sides)	89.0 (40.4)	
15105	Para-Stair Assembly, 6-NS (Handrails Both Sides)	100.0 (45.5)	
15103	Para-Stair Assembly, 8-NS (Handrails Both Sides)	116.0 (52.6)	
15106	Para-Stair Assembly, 10-NS (Handrails Both Sides)	130.0 (59.0)	
15107	Para-Stair Assembly, 12-NS (Handrails Both Sides)	160.0 (72.6)	
15102	Para-Stair Assembly, 16-NS (8-NS 2X Handrails Both Sides)	235.0 (106.6)	
15100	Para-Stair Assembly, 20-NS (10-NS 2X Handrails Both Sides)	313.0 (142.0)	
15132	Para-Stair, T op Landing (Wide Assembly)	63.0 (28.6)	
15111	Para-Stair Assembly, 4-WS (Handrails Both Sides)	101.0 (45.9)	
15112	Para-Stair Assembly, 6-WS (Handrails Both Sides)	125.0 (56.7)	
15113	Para-Stair Assembly, 8-WS (Handrails Both Sides)	143.0 (64.9)	
15114	Para-Stair Assembly, 10-WS (Handrails Both Sides)	163.0 (74.0)	
15115	Para-Stair Assembly, 12-WS (Handrails Both Sides)	193.0 (87.5)	
15120	Para-Stair Assembly, 16-WS (8-WS 2X Handrails Both Sides)	287.0 (130.3)	
15121	Para-Stair Assembly, 20-WS (10-WS 2X Handrails Both Sides)	335.0 (152.0)	



Features of the Para-Stair System are;

1. Heavy duty non-slip thermoplastic tread.
2. Open design prevents build up of ice, snow, and/or mud.
3. Maximum load is 550 lbs (250 kgs) per step.
4. Lightweight Modular design makes for easy replacement of damage parts and transferability in-between job sites.

A variety of Para-Stair System designs are available, please call for more information.
Toll Free: 1.800.504.4016

Para-Stair Accessories

Item#	Part #	Description	Price
1	15135	Para-Stair Post Assembly	
2	15137	Para-Stair Bottom Stabilizers (2Pcs)	
3	15133	Para-Stair Top/Bottom Wide Anchor (2Pcs)	
4	15134	Para-Stair Top/Bottom Wide Anchor (1Pc)	
5	15085	End Rail/Loop	





Tuff Built's NEW "TS Walkway" is designed to provide safe, clean accessibility on jobs sites where weather and/or heavy equipment has made the ground terrain inaccessible.

Features are;

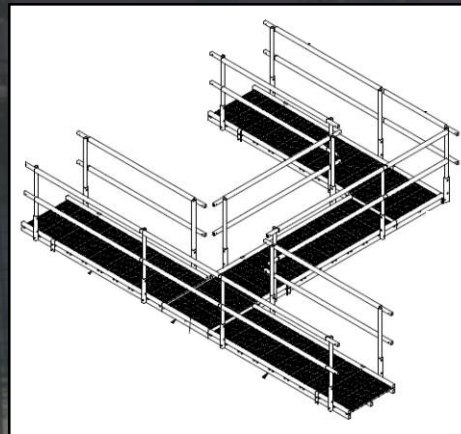
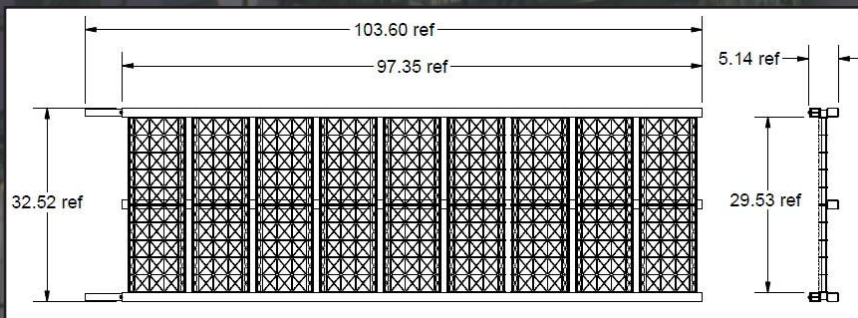
1. Lightweight
2. Heavy duty, non-slip, UV stabilized polyurethane plastic.
3. Open tread design prevents build up of ice, snow, and/or mud.
4. Maximum load is 900 lbs (409.1 kgs) per sqf.
5. Can be used on slopes up to 20°.

Corner and Tee Walkway sections, along with a variety of handrail and post designs allows for custom layout for your job site



Part #	Description	Weight (lbs / kgs)	Price
15161	TS Walkway, 9W X 97.35"	73.0 (33.1)	
15162	TS Walkway, 3W Corner 90	28.0 (12.7)	
15163	TS Walkway, 3W Tee	27.0 (12.2)	
15165	TS Walkway, Spike	1.2 (0.54)	
15166	TS Walkway, Post	5.0 (2.3)	
15182	TS Walkway, Outside Corner Post	5.5 (2.5)	
15192	TS Walkway, Inside Corner Post	6.0 (2.7)	
15183	TS Walkway, Handrail 73.00" (2pc)	10.6 (4.8)	
15184	TS Walkway, Handrail 171.00" (2pc)	25.0 (11.3)	
15185	Adjustable Handrail 97.50" to 150.00" (2pcs)	24.0 (11.3)	
15082	Adjustable Handrail 72.00" to 115.00" (2 pcs)	17.3 (7.8)	
15186	TS Walkway, Connector	0.75 (0.35)	

TS Walkway (Pt# 15161) comes with 2 pcs of Connector (Pt# 15186).



18 Custom Fabrication Engineering & Consulting Services

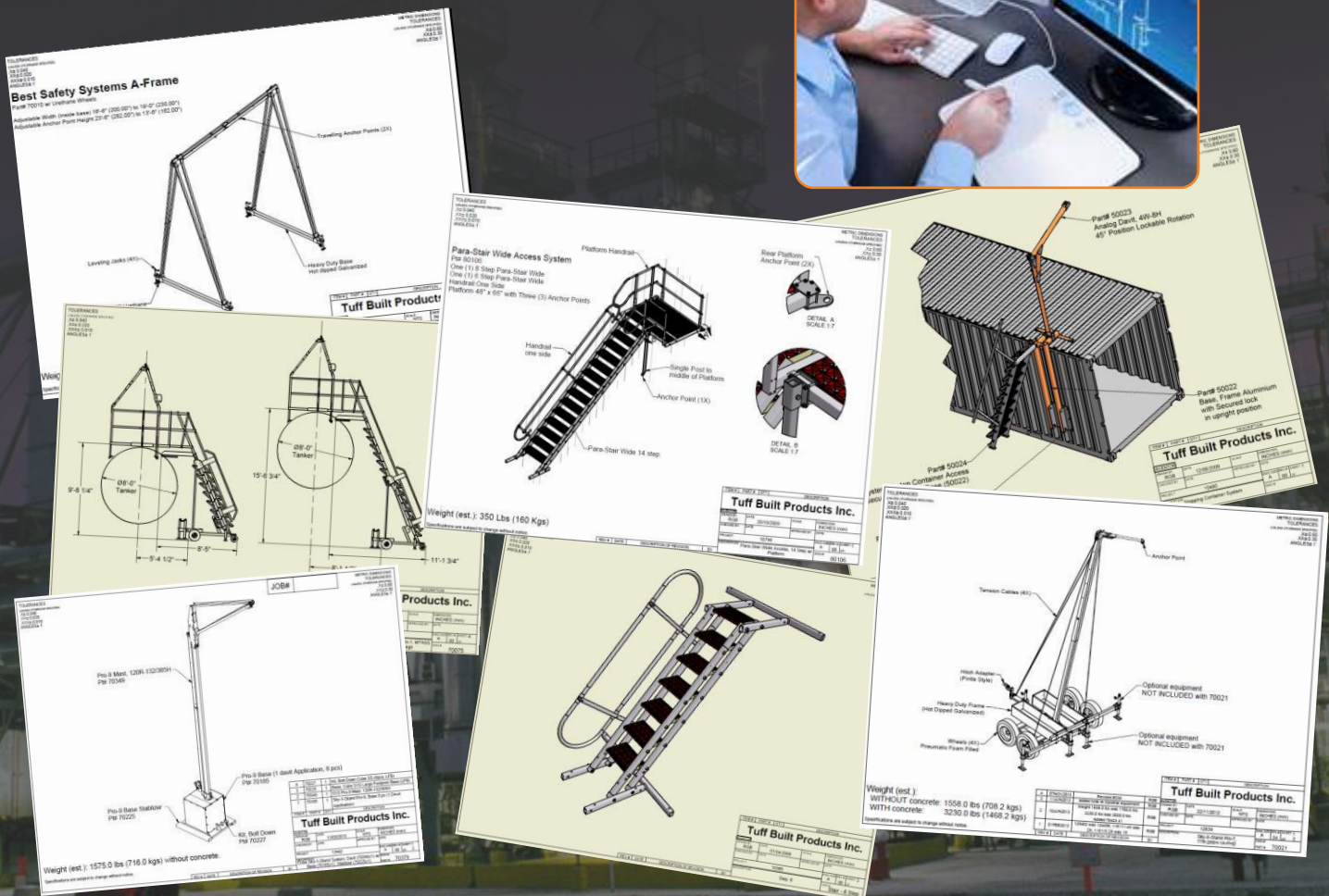
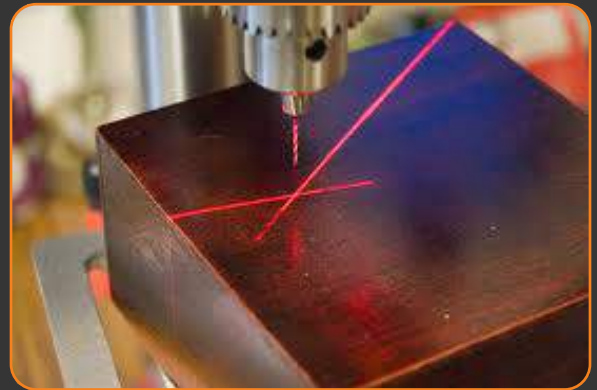
Drawing on over 50 years of experience designing, building, and testing, Tuff Built can provide modified standard products or a complete custom system to meet your specific requirements.

Designs are developed using computer solid models and documented on CAD drawings. Detailed 3D drawings are supplied prior to construction for evaluation and approval.

Systems are fabricated utilizing the latest CNC technology and proprietary Tuff Built aluminum extrusions.

Testing is carried out with calibrated electronic equipment and witnessed by a Professional Engineer to the standards required by the application.

Custom Systems are available for a variety of applications as shown below.



more traditional approaches. Our C.A.F.S. are designed to be easy to use and service.

Call today and learn how C.A.F.S. can be up to 30 times more efficient in fire fighting than using water only.

The NXG system is a patented two line C.A.F. System utilizing computer controls to provide Fire fighting capability in seconds at the flick of a switch. Training requirements are minimal and foam control is the best in the industry.

These systems can be supplied as basic units, skid units or complete systems built into conventional First Response units, Rescue Vans or Brush Trucks.



Model: **NXG 125-060**



Model: **NXG 120-070HD**



Model: **NXG 250-070**

The FL Series is a simple, lightweight easy to use C.A.F. System.

Provides one 1.00" line or one 1.50" line, that is factory set to deliver ONE type of Compressed Air Foam (Dry, Wet or Superwet). Uses 20 gallons per minute when deploying foam at ratios up to 15 to 1 expansion .

A reliable and low maintenance Compressed Air Foam System.



Model: **FL90-40DW**



Model: **FL90-20**

Stored Energy Foam Systems (S.E.F.S.) provide the powerful fire knockdown of a full Compressed Air Foam System in a small and inexpensive package. Systems can be powered by SBCA bottles, nitrogen bottles, service truck air, or by shop air (if available).

For peace of mind wherever a fire extinguisher just isn't enough.



Model: **SEFS-200-2R**



Model: **SEFS-60-1R**

The logo for TUFF BUILT features the words "TUFF BUILT" in a bold, italicized, sans-serif font. The letters are white with a thick red outline. Above the text is a red horizontal bar that tapers at both ends, resembling a stylized roof or a wing.

TUFF BUILT

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