



*BEAVER TECHNOLOGY SERVICES*

# HEIGHT SAFETY



EMPOWERED BY INNOVATION

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## CUSTOM FABRICATION ENGINEERING & CONSULTING SERVICES

When all else fails, BTS "Best Design" Service can provide customised products to meet your specific needs.

Drawing on over 60 years of experience designing, building, and testing height safety equipment, BTS can modify standard products or complete Custom Systems to meet specific requirements.

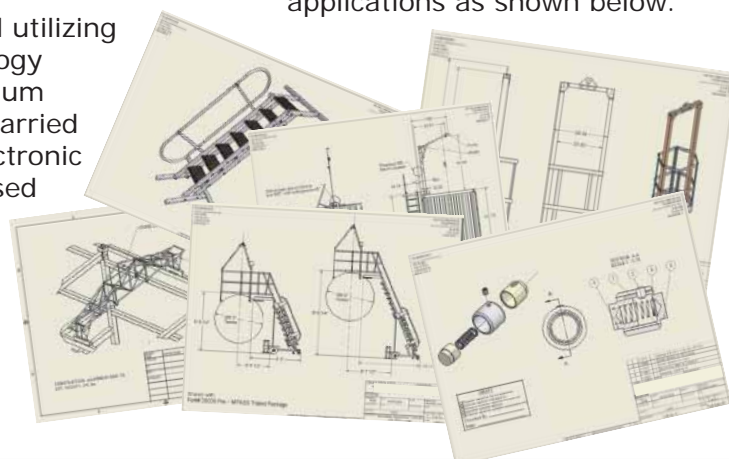
Designs are developed using computer solid models and documented on CAD drawings. Detailed 3D drawings are supplied prior to construction for evaluation and approval.



Systems are fabricated utilizing the latest CNC technology and proprietary 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.





# TRIPODS & ACCESSORIES

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



## Tripods

Model	Maximum Height	Collapsed Height	Weight (Kgs)	Part#
PRO-1, 2.3m 2 stage (w/ One Pulley, & Chain)	2.26m	1.49m	14.5	30013
PRO-2, 2.3m 3 stage (w/ One Pulley, & Chain)	2.26m	1.22m	16.6	30012
PRO-3, 3m 3 stage (w/ One Pulley, & Chain)	3.02m	1.55m	19.8	30014

## Options / Replacement Parts

Part #	Description
40001	Bag, Pro-1& Pro-3 Tripods
40002	Bag, Pro-2 Tripods
30173	Tripod Pulley Assembly (Extra pulley for Pro-2 & Pro-3 Tripods)
30198	Tripod Pulley Assembly (Extra pulley for Pro-1 Tripods)
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 #3 (For use on Pro-2 Tripods)



The PRO-2 and PRO-3 series Tripods are the smallest collapsed Tripods on the market.



Pt# 20004  
PRO-2 Tripod 2.3m-3 stage with Winch & Brackets

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

Package Pt#	Package Contains	Winch Pt#	Winch Bracket Pt#	SRL Pt#	SRL Bracket Pt#	Structure Bracket Pt#	Pulley Pt#
20016	Tripod with Winch & Winch Brackets	60002	60100	-	-	60101 (1)	-
20017	Tripod with Winch, Winch Brackets, SRL-R, SRL Brackets and Pulley	60002	60100	60056	60154	60101 (2)	30198
20018	Tripod with SRL-R & SRL Brackets	-	-	60056	60154	60101 (1)	-
20019	Tripod with Hanging SRL-R	-	-	60056	60035	-	-
20020	Tripod with Winch & Winch Brackets and Hanging SRL-R	60002	60100	60056	60035	60101 (1)	-



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

Package Pt#	Package Contains	Winch Pt#	Winch Bracket Pt#	SRL Pt#	SRL Bracket Pt#	Structure Bracket Pt#	Pulley Pt#
20004	Tripod with Winch & Winch Brackets	60002	60100	-	-	60102 (1)	-
20021	Tripod with Winch, Winch Brackets, SRL-R, SRL Brackets and Pulley	60002	60100	60056	60154	60102 (2)	30173
20022	Tripod with SRL-R & SRL Brackets	-	-	60056	60154	60102 (1)	-
20023	Tripod with Hanging SRL-R	-	-	60056	60035	-	-
20024	Tripod with Winch & Winch Brackets and Hanging SRL-R	60002	60102	60056	60035	60102 (1)	-



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

Package Pt#	Package Contains	Winch Pt#	Winch Bracket Pt#	SRL Pt#	SRL Bracket Pt#	Structure Bracket Pt#	Pulley Pt#
20005	Tripod with Winch & Winch Brackets	60002	60100	-	-	60101 (1)	-
20025	Tripod with Winch, Winch Brackets, SRL-R, SRL Brackets and Pulley	60002	60100	60056	60154	60101 (2)	30173
20026	Tripod with SRL-R & SRL Brackets	-	-	60056	60154	60101 (1)	-
20027	Tripod with Hanging SRL-R	-	-	60056	60035	-	-
20028	Tripod with Winch & Winch Brackets and Hanging SRL-R	60002	60100	60056	60035	60101 (1)	-



# HOISTS, DAVITS, CRANES & ACCESSORIES

PRO-Series Davits are available in a wide variety of heights and reaches. Features ranging from basic fixed position jibs to fully rotational and adjustable Davit arms for multiple applications. PRO-Series Davits feature "Tuff-Klik" (patent pending) pin-less adjustment, which eliminates lost or damaged locking pins.



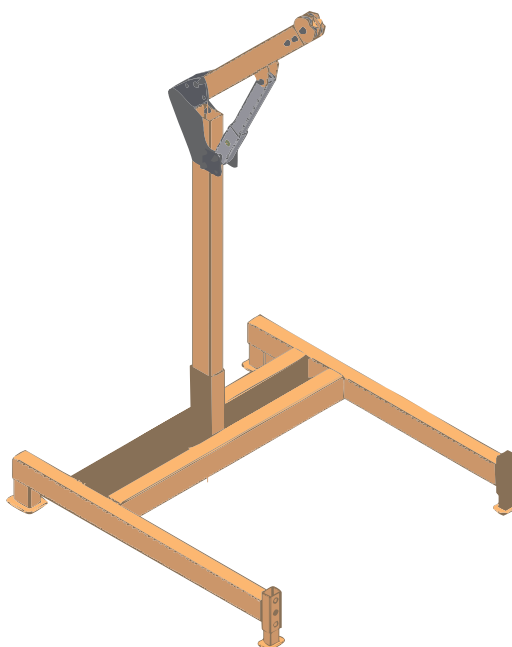
The PRO-1 Series Davits are designed to be a small and lightweight davit, while at the same time being strong and reliable.



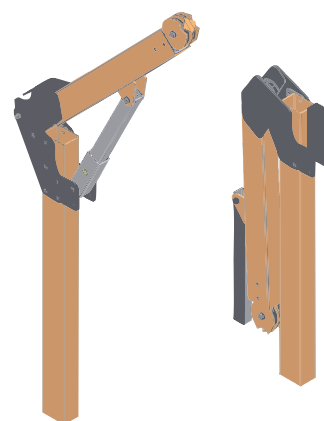
## PRO-1 Series Davits

Model	Offset (m)	Height (m)	Winch Mtg	Part #
PRO-1 Davit w/ Pulley	0.48	1.84	Top Mtg	30015
PRO-1 Plus Davit w/ Pulley's	0.48	1.47	Rear Mtg	30016
PRO-1 Davit w/ Anchor Point	0.56	1.91	Top Mtg	30094
PRO-1 Mast Extension	-	0.76	-	30097

PRO-1 Series Davits use "Tuff-Klik Structure Bracket #5", Pt# 60140 for device mounting.



PRO-1 Series Davits also FOLD up for easy moving and storage.



PRO-1, 2 Piece Davit Pkg Pt# 20034  
PRO-1 Davit Pt# 30015  
PRO-1 Portable Base Pt# 30067

## PRO-2 Series Davits

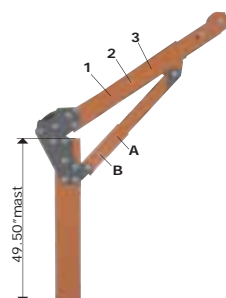
Model	Offset (m)	Height (m)	Winch/Anchor Mtg	Part #
PRO-2 Davit, 22R-74H (1 piece)	0.56	1.88	Rear	30055
PRO-2 Davit, 22R-97H (1 piece)	0.56	2.46	Rear	30116
PRO-2 Davit, 22R-117H (2 piece)	0.56	2.97	Rear	30174
PRO-2 Davit, 22R-137H (2 piece)	0.56	3.48	Rear	30056
Anchor Point for PRO-2 Davits	-	-	-	30122

PRO-2 Davit, 22W -74H  
Offset and Height Chart

	A	B
1	0.34 x 2.11	0.57 x 1.88
2	0.39 x 2.19	0.65 x 1.93
3	0.45 x 2.28	0.75 x 1.99

[Offset (m) x Height (m)]

Offset is measured from centre of Mast to front of pulley.  
Height is measured from bottom of Mast to top of front pulley.

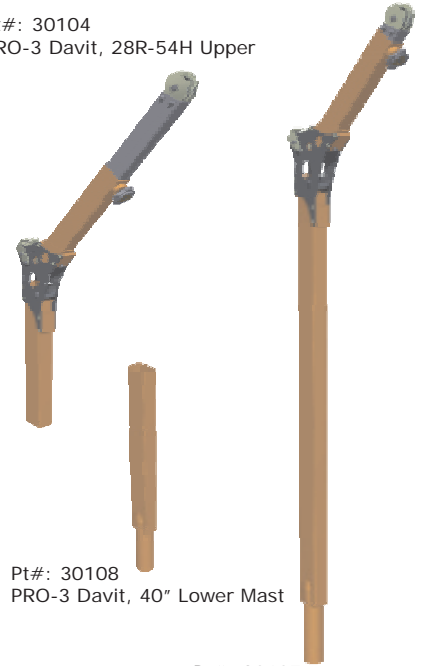


# HOISTS, DAVITS, CRANES & ACCESSORIES

## PRO-3 Series Davits

Model	Offset (m)	Height (m)	Winch/Anchor Mtg	Part #
PRO-3 Davit, 28R-54H Upper	0.50 to 0.74 -	1.17 to 1.42	Rear / Front Mtg	30104
PRO-3 Davit, 28R-66H Upper		1.47 to 1.70	Rear / Front Mtg	30105
PRO-3 Davit, 28R-84H		1.94 to 2.17	Rear / Front Mtg	30106
PRO-3 Davit, 28R-108H		2.53 to 2.76	Rear / Front Mtg	30107
PRO-3 Davit, 40" Lower Mast	-	1.02	-	30108
PRO-3 Davit, 52" Lower Mast	-	1.32	-	30109
Anchor Point for PRO-3 Davits	-	-	-	30178

Pt#: 30104  
PRO-3 Davit, 28R-54H Upper



Pt#: 30108  
PRO-3 Davit, 40" Lower Mast

Pt#: 30107  
PRO-3 Davit, 28R-108H



Pt#: 20038  
Pro-3 Davit Pkg, 28R-108H (5 piece)

Pt#: 20035  
Pro-3 Davit Pkg, 28R-54H (6 piece)

## PRO-3 Series Davit Packages

Package Part #	Package contents	PRO-3 Davit Upper	PRO-3 Lower Mast	PRO-3 Portable Base	Winch	Winch Bracket
20035	PRO-System, Davit 28R-54H w/ Portable Base (6 piece) PRO-3 Davit Upper & Lower Mast, Portable Base, Winch & Winch Brackets	30104	30108	30070	60002	60141
20038	PRO-System, Davit 28R-108H w/ Portable Base (5 piece) PRO-3 Davit, Portable Base, Winch & Winch Brackets	30107	-	30070	60002	60141



Pt#: 30095  
Analog Davit, 48R-168H

## PRO-4 Series Davits

Model	Offset (m)	Height (m)	Winch/Anchor Mtg	Part #
PRO-4 Series Davit, 72R-144H	1.80	3.60	Anchor Point	30090

PRO-4 Series Davits are designed for a Ultimate Strength of 12Kn

Pt#: 30090  
PRO-4 Davit, 72R-144H

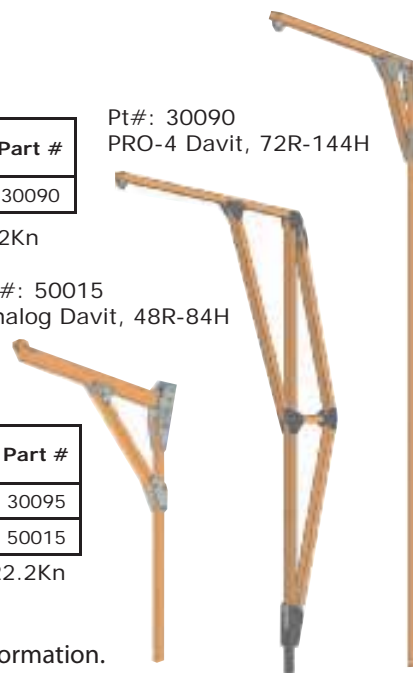
Pt#: 50015  
Analog Davit, 48R-84H

## Analog Series Davits

Model	Offset (m)	Height (m)	Winch/Anchor Mtg	Part #
Analog Series Davit, 48R-168H	1.20	4.20	Anchor Point	30095
Analog Series Davit, 48R-84H	1.20	2.10	Rear Mtg	50015

Analog Series Davits are designed for a Ultimate Strength of 22.2Kn

Custom Offset and Height's available, please call for more information.





# PORTABLE DAVIT BASES

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, counterweighted, clamp-on, or vehicle mounted systems, and features "Tuff-Klik" (patent pending) pin-less adjustment, which eliminates lost or damaged locking pins.



## PRO-1 Series Bases

Model	Weight	Part#
PRO-1 Base, Portable	11 Kgs	30067
PRO-1 Base, Guardrail w/ Bar gate	24 Kgs	30017
PRO-1 Base, Guardrail w/ Chain Gate	25 Kgs	30098
PRO-1 Forklift Basket	126 Kgs	30164

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

## PRO-2 Series Bases

Model	Weight	Part#
PRO-2 Plus Base, Hitch Mount	28 Kgs	30071
PRO-2 Base, Hitch Mount	24 Kgs	30093
PRO-2 Base, Counterweight	54 Kgs	30073
PRO-2 Base, Bridge Barrier	29 Kgs	30072

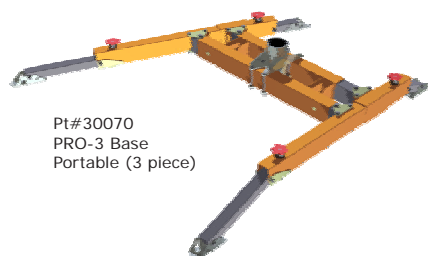
The PRO-2 Series Portable Bases are versatile and designed for rugged and demanding applications.

With independently adjustable support legs the Counterweight, Hitch Mount Plus, and the Bridge Barrier bases can be adjusted for level or unlevel surfaces.

## PRO-3 Series Bases

Model	Weight	Part#
PRO-3 Base, Portable (Hole Sizes 1.35m to 1.87m Diameters)	27 Kgs	30070
PRO-3 Base, Portable Heavy Duty (Hole Sizes 1.45m to 3.4m Diameters)	36 Kgs	30115
PRO-3 Base, Bolt On Flange	29 Kgs	30181
PRO-3 Base, External Tank Collar	30 Kgs	30189

The PRO-3 Series Portable Bases are versatile and designed to suit the rugged and demanding applications clients require.



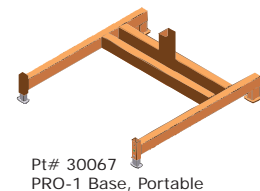
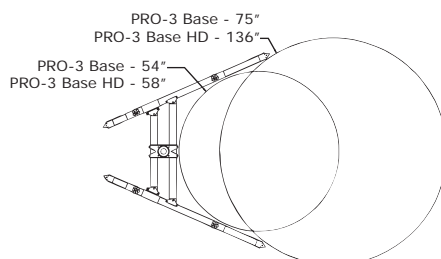
Pt#30070  
PRO-3 Base  
Portable (3 piece)

The PRO-3 Portable Base has four (4) independent support legs. The main support legs can also be adjusted outward, so the base can "wrap around" a hole from 54" to 75" diameter.

The Davit sleeve may also be moved left to right to allow rotating the davit in rescue applications.



Pt#30189 PRO-3 Base, External Tank Collar  
(3 piece) Grip range 3/16" to 3 1/4"



Pt# 30067  
PRO-1 Base, Portable



Pt# 30017  
PRO-1 Base, Guardrail w/  
Bar Gates



Pt# 30164  
PRO-1 Forklift Basket



Pt# 30071  
PRO-2 Plus Base  
Hitch Mount (2 piece)



Pt#30073  
PRO-2 Base Counterweight  
(3 piece, weights are NOT INCLUDED,  
extensions are available to position  
system as needed.)



Pt# 30072  
PRO-2 Base  
Bridge Barrier (2 piece)



Pt# 30093  
PRO-2 Base  
Hitch Mount (4 piece)

## Portable Bases

Model	Finish	Weight	Part#
Barrel Mount Base Fixed (57mm Throat)	CS-500	18 Kgs	30036
	Hot Dip Galvanized	18 Kgs	30046
	304 SS	18 Kgs	30045
	316 SS	18 Kgs	30044
Barrel Mount Base Fixed (127mm Throat)	CS-500	19 Kgs	30161
	Hot Dip Galvanized	19 Kgs	30191
	304 SS	19 Kgs	30192
	316 SS	19 Kgs	30193
Barrel Mount Base Fixed (177mm Throat)	CS-500	20 Kgs	30166
	Hot Dip Galvanized	20 Kgs	30194
	304 SS	20 Kgs	30195
	316 SS	20 Kgs	30196
Barrel Mount Base Adjustable	CS-500	34 Kgs	30029



Pt# 30036  
Barrel Mount Base



Pt# 30029  
Barrel Mount Base  
Adjustable

# PERMANENT DAVIT BASES

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 material to meet site specific requirements.

**Custom Permanent Bases can be designed to meet site specific application requirements. Contact us with your needs.**

## Flush Mount Floor Bases

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Core Mount	Mild Steel	CS-500	1.6	30062
	Mild Steel	Hot Dip Galvanised	1.6	30061
	304 SS	Sandblasted	3.6	30063
	316 SS	Sandblasted	3.6	30064

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

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Flush Floor Mount (Fresh Concrete)	Mild Steel	CS-500	8.4	30023
	Mild Steel	Hot Dip Galvanised	8.4	30043
	304 SS	Sandblasted	9.2	30024
	316 SS	Sandblasted	9.2	30039

## Floor Mount Bases

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

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Heavy Duty Floor Mount*	Mild Steel	CS-500	11.2	30085
	Mild Steel	Hot Dip Galvanised	11.2	30084
	304 SS	Sandblasted	12.2	30086
	316 SS	Sandblasted	12.2	30087

Heavy Duty Floor Mount Bases require a Spacer to be used with Pro-2 or Pro-3 Davits.

## Wall & Corner Mount Bases

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

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

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Heavy Duty Wall Mount *	Mild Steel	CS-500	7.1	30089
	Mild Steel	Hot Dip Galvanised	7.1	30088
	304 SS	Sandblasted	8.0	30091
	316 SS	Sandblasted	8.0	30092

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Corner Mount	Mild Steel	CS-500	14.7	30034
	Mild Steel	Hot Dip Galvanised	14.7	30066
	304 SS	Sandblasted	15.8	30035
	316 SS	Sandblasted	15.8	30065

## Deck Mount Bases

Base Type	Material	Finish	Weight (Kgs)	Part#
Base, Deck Mount	Mild Steel	CS-500	11.2	30080
	Mild Steel	Hot Dip Galvanised	11.2	30081
	304 SS	Sandblasted	12.0	30082
	316 SS	Sandblasted	12.0	30083

## Accessories

Base Type	Material	Finish	Weight (Kgs)	Part#
Cap, Base	Mild Steel	CS-500	0.5	30019
	304 SS	Sandblasted	0.5	30069
Spacer, HD Sleeve (Wall)	Acetal	Plain	0.5	30199
Spacer, HD Sleeve (Floor)	Acetal	Plain	0.2	30200

Heavy Duty Floor and Wall Mount Bases are intended typically for custom applications where an increased moment load capacity is required. For example larger offsets or multiple system users. Please contact Beaver Technology Services or your local distributor for help in selecting the best base for your application.

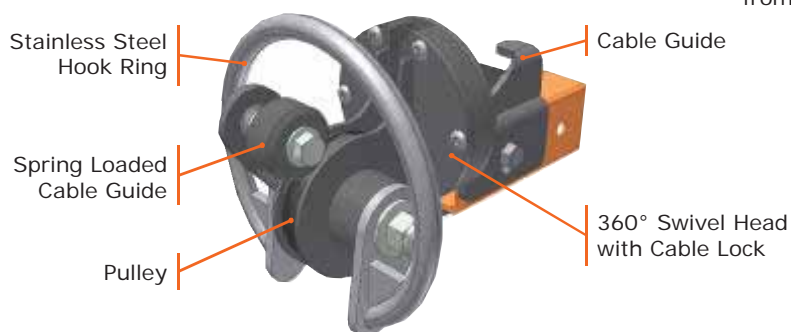
## POLE HOIST & ACCESSORIES



PRO-Series Pole Hoists allows for vertical or horizontal confined space entry-retrieval and rescue. It also provides a suitable point in 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" (patent pending) pin-less adjustment, which eliminates lost or damaged locking pins.

### PRO-Series Pole Hoist

Model	Weight	Part#
PRO-1 Pole Hoist, 1.3m to 2.4m-3 Stage	14 Kgs	30041
PRO-2 Pole Hoist, 1.6m to 3.3m-3 Stage	15 Kgs	30040



Pt# 30041

PRO-1 Pole Hoist, 1.3m to 2.4m-3 stage  
(Winch not included)  
Extendable Pole has 4 positions  
from 1.3m to 2.4m extension.



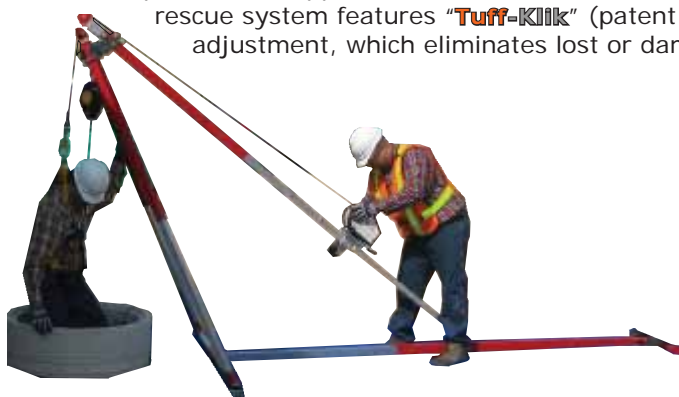
PRO-1 Pole Hoist, 1.3m to 1.2m-3 stage  
(Winch not included)  
Shown collapsed to 1.3m position

### PRO-Series Pole Hoist Packages

Package Pt#	Package Contains	Winch Pt#	Winch Bracket Pt#	Structure Bracket Pt#
20041	PRO-1 Pole Hoist with Winch & Winch Bracket	60002	60100	60162
20042	PRO-2 Pole Hoist with Winch & Winch Bracket	60002	60100	60162

## RESCUE SYSTEM & ACCESSORIES

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" (patent pending) pin-less adjustment, which eliminates lost or damaged locking pins.



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

### Rescue Struts

Description	Part#	Weight
Pro-1 Rescue Strut 8 ft	30100	1.48 Kgs
Pro-2 Rescue Strut 14 ft	30101	1.48 Kgs



### PRO-4 Tripod Rescue 10ft-3 Stage

Package Pt#	Package Contains		Winch Pt#	Winch Bracket Pt#	SRL Pt#	SRL Bracket Pt#	Structure Bracket Pt#
20008	PRO-4 Tripod Rescue 3m-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		60002	60100	-	-	60101 (1)
20030	Tripod with Winch, Winch Brackets, SRL, SRL Brackets		60002	60100	60056	60154	60101 (2)
20031	Tripod with SRL & SRL Brackets		-	-	60056	60154	60101 (1)
20032	Tripod with Hanging SRL		-	-	60055	60035	-
20033	Tripod with Winch & Winch Brackets and Hanging SRL		60002	60100	60055	60035	60101 (1)



# PORTABLE FALL ARREST ANCHOR POST & ACCESSORIES

PRO-Series Portable Fall Arrest Structure is designed to anchor to various work surface mounted anchor points, including the Uni-Anchor style plates widely provided by other manufactures.

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

Optional accessories included Winch and Davit arm assemblies for access, rescue, work positioning, and material handling operations.

## Tripod Anchors

Model	Maximum Height	Collapsed Height	Weight	Part#
Tripod, Pro-1; 1 Anchor	7.31m	2.66m	45 Kgs	30146
Tripod, Pro-2; 2 Anchors	4.28m	1.83m	30 Kgs	30147
Tripod, Pro-3; 3 Anchors	1.39m	0.76m	15 Kgs	30137



Pt# 30144



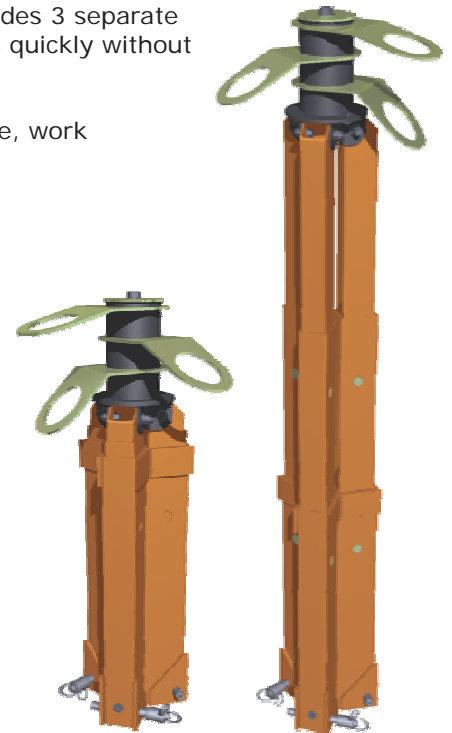
Pt# 30140



Pt# 30130

## Accessories

Part#	Description	Finish
30139	Bracket, Bolt On Tripod Base	CS-500
30144	Bracket, Weld On Tripod Base	Plain Steel
30130	Bracket, Analog Weld On Fall Arrest Post	Plain Steel
30140	Adaptor, Tripod Base for Analog Base	CS-500
30149	Adaptor, Tripod Base for Proman Base Plate	CS-500



Pt# 30137  
Tripod Pro-3; Shown in collapsed position and at working height.

# BEAM CLAMPS & ANCHOR POINTS



Pt# 60048

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

## Clamps and Anchors

Part#	Description	Weight (Kgs)
40004	Chair, Work Positioning (140 Kgs Capacity)	3.2
30165	Sleeve, IBC CS-500 ("I" Beam Clamp on Sleeve) 178mm to 356mm	29.5
60037	Anchor, Pro-1 - I Beam Clamp (127mm to 356mm)	2.7
60038	Anchor, Pro-2 - I Beam Clamp (127mm to 762mm)	3.6
60039	Anchor, Pro-1 - I Beam Slider (127mm to 356mm)	2.7
60048	Brace, Pro-1 Door/Window (559mm to 1092mm)	5.9
60049	Anchor Point Bolt On D-Ring	0.40
60161	Anchor Point Bolt On D-Ring	1.6
60025	Anchor Point Bolt On D-Ring	1.0



Pt# 60049



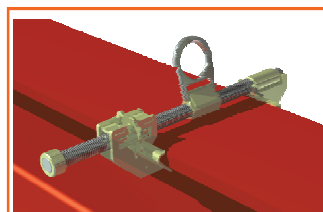
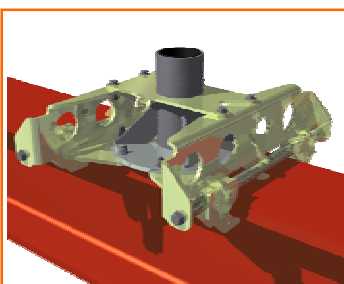
Pt# 60161



Pt# 60025

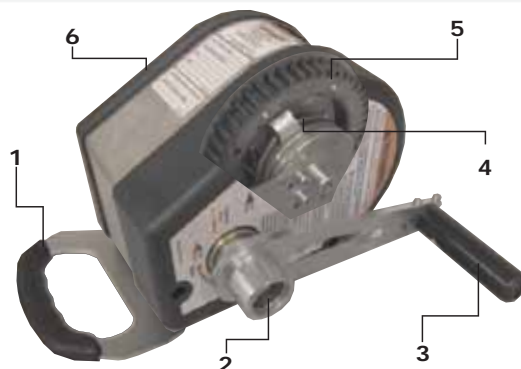


Pt# 40004



# WINCHES & ACCESSORIES

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



## Features

- Ergonomic Carrying Handle
- Brake Wear Indicator
- Cranking Handle (Folding)
- Secondary Brake (Meets ANSI Z359.4-2007 requirements)
- Hardened Stainless Steel Drive Gears
- High Impact Resistant Plastic Cover

## Best Hoist Pro Series Winches

Part #	Cable Type	Weight
60002	18m Stainless Steelrope	14.0 kg
60004	30m Stainless Steelrope	15.2 kg
60003	18m Galvanised Steelrope	14.0 kg
60005	30m Galvanised Steelrope	15.2 kg
60010	45m Stainless Steelrope	18.0 kg
60012	60m Stainless Steelrope	19.5 kg
60011	45m Galvanised Steelrope	18.0 kg
60013	60m Galvanised Steelrope	19.5 kg
60018	76m Stainless Steelrope	22.3 kg
60020	90m Stainless Steelrope	23.8 kg
60019	76m Galvanised Steelrope	22.3 kg
60021	90m Galvanised Steelrope	23.8 kg

## Best Hoist Accessories

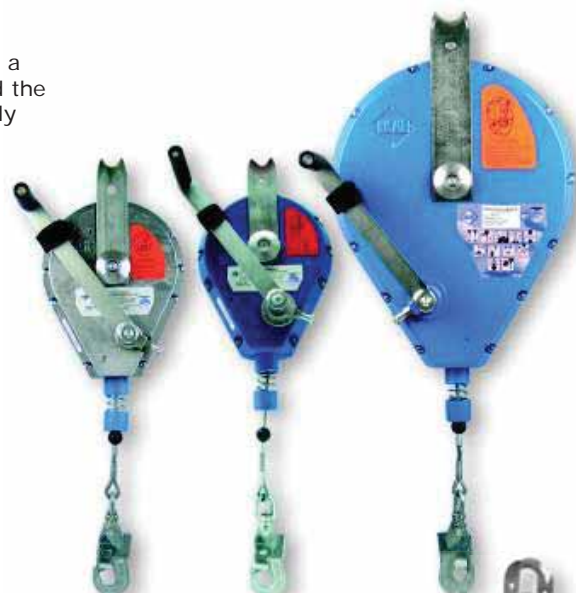
Part#	Description	Used on
60101	Bracket, Tuff-Klik Structure #2	Pro-1,3 & 4 Tripods
60102	Bracket, Tuff-Klik Structure #3	Pro-2 Tripods
60139	Bracket, Tuff-Klik Structure #4	
60140	Bracket, Tuff-Klik Structure #5	Pro-1 Series Davits
60141	Bracket, Tuff-Klik Structure #6	Pro-3 Series Davits
60142	Bracket, Tuff-Klik Structure #7	Pro-2 Series Davits
60100	Pro-1 Winch Mount Tuff-Klik	
60159	Pro-2 Winch Mount Tuff-Klik	
60160	Pro-3 Winch Mount Tuff-Klik	
40000	Bag, Pro-1 Winch	
40005	Bag, Pro-2 Winch	
40006	Bag, Pro-3 Winch	



**IKAR** height-safety devices with rescue hoisting facility are equipped with a winching unit. In case of a rescue after a fall, the person who has suffered the accident can therefore be rescued quickly and safely. The unit is completely closed and has no wearing parts. All parts are made from stainless steel, aluminium or shockproof plastic.

## IKAR Rescue Winches

Part #	Cable Type	Housing	Weight
HRA 12	12m Steelrope	Aluminium	7.0 kg
HRA 18	18m Steelrope	Aluminium	11.5 kg
HRA 24	24m Steelrope	Aluminium	16.0 kg
HRA 33	30m Steelrope	Aluminium	21.0 kg
HRA 42	42m Steelrope	Aluminium	40.0 kg
HRA 60	60m Steelrope	Aluminium	43.0 kg



## IKAR Accessories

Part #	Description
S30	Winch chain drive, available for all HRA devices
54/WHG	HRA wall holder, available for all HRA devices

Quick-release HRA wall holder for wall mounting all HRA devices from 9.5m - 24m.



Pt#54/WHG  
HRA wall holder

The winch chain enables easy use of the winch in the HRA device, even if the load point is located very high.



Pt#S30  
Winch chain drive

# SELF RETRACTING LIFELINES & ACCESSORIES

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



## Tuff-Line SRL's

Part #	Cable Type	Weight
60050	6m Stainless Steelrope	4.7 kg
60052	10m Stainless Steelrope	5.3 kg
60054	15m Stainless Steelrope	8.9 kg
60051	6m Galvanised Steelrope	4.7 kg
60053	10m Galvanised Steelrope	5.3 kg
60055	15m Galvanised Steelrope	8.9 kg

## Tuff-Line SRL's with Retrieval Capability

Part #	Cable Type	Weight
60056	15m Stainless Steelrope	10.2 kg
60057	15m Galvanised Steelrope	10.2 kg

## Tuff-Line Accessories

Part#	Description
60035	Karabiner, 4536 kgs (NFPA, ANSI, CSA, EN)
60154	Bracket, SRL Mount Tuff-Klik (49ft/15m)
60155	Bracket, SRL Mount Tuff-Klik (32ft/10m)
40000	Bag, Carrying Pro-1Winch / SRL

### Used on

Tuff-Line 6m / 10m & 15m SRL's

Tuff-Line 15m SRL's

Tuff-Line 10m SRL's

All of the Tuff-Line series



Pt# 60154



Pt# 40000



All Self Retracting Lifelines feature Rotational Snap Hooks which prevent the Webbing Strap or Wire Rope from twisting whilst in use.

**IKAR** SRL's are available with either Stainless Steel or Galvanised 3/16" Cable and on smaller models in Webbing Strap.

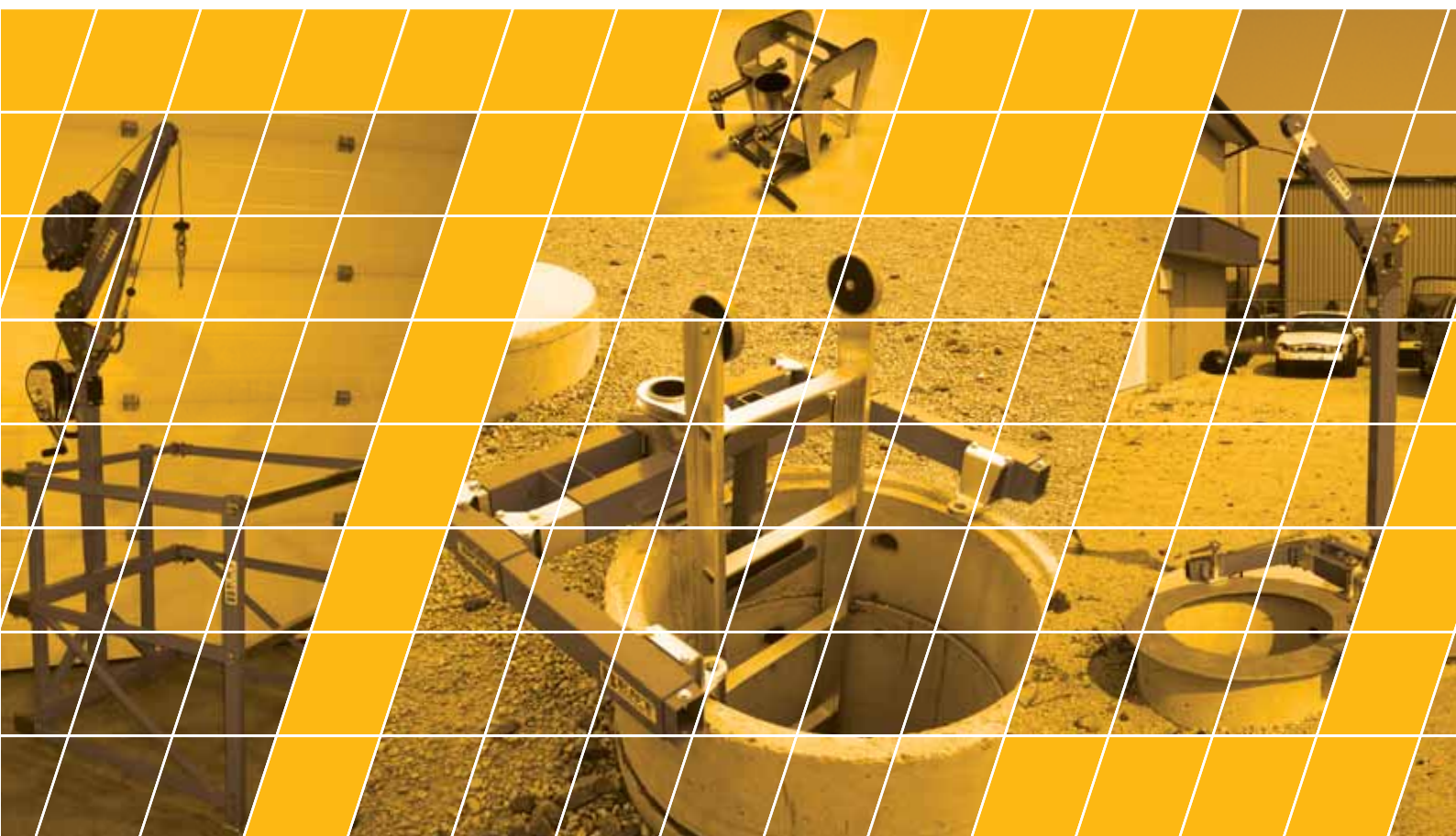
## IKAR SRL's

Part #	Cable Type	Housing	Weight
HWB 2	2.0m Web	Aluminium	0.8 kg
HWB 2,5	2.5m Web	Aluminium	1.2 kg
HWB 3,5	3.5m Web	Aluminium	1.4 kg
HWPB 3,5	3.5m Web	Plastic	1.2 kg
HWPB 5,5	5.5m Web	Plastic	1.5 kg
HWPB 7	7.0m Web	Plastic	1.8 kg
HWPB 9	9.0m Web	Plastic	2.3 kg
HWPB 12	12.0m Web	Plastic	3.4 kg
HWPB 15	15.0m Web	Plastic	4.8 kg
HWS 4,5	4.5m Steelrope	Aluminium	2.7 kg
HWS 6	6.0m Steelrope	Aluminium	3.0 kg
HWS 9	9.0m Steelrope	Aluminium	3.7 kg
HWS 12	12.0m Steelrope	Aluminium	5.4 kg
HWS 18	18.0m Steelrope	Aluminium	6.9 kg
HWS 24	24.0m Steelrope	Aluminium	8.4 kg
HWPS 3	3.0m Steelrope	Plastic	1.9 kg
HWPS 4,5	4.5m Steelrope	Plastic	2.1 kg
HWPS 6	6.0m Steelrope	Plastic	2.5 kg
HWPS 9	9.0m Steelrope	Plastic	3.2 kg
HWPS 12	12.0m Steelrope	Plastic	4.9 kg
HWPS 18	18.0m Steelrope	Plastic	6.3 kg
HWPS 24	24.0m Steelrope	Plastic	7.3 kg

## IKAR SRL's with Automatic Lowering

Part #	Cable Type	Housing	Weight
HAS 16	16m Steelrope	Aluminium	11.0 kg
HAS 30	30m Steelrope	Aluminium	15.0 kg





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