BTS-Davit Kit

BTRENCHSAFE Pro-6g Davit Shoring Kit

Rescue/Retrieval Davit Kit:

Code: BTS50506

The BTRENCHSAFE® Rescue/Retrieval *Davit Kit* comes with a Type-3 self-retracting lifeline (SRL), materials winch, and adjustable base for mounting on trench shield sidewalls or Slide Rail panels, providing a safe means of extraction of personnel out of excavations and trenches.

OSHA Verification Test Report, Page 2



Features:

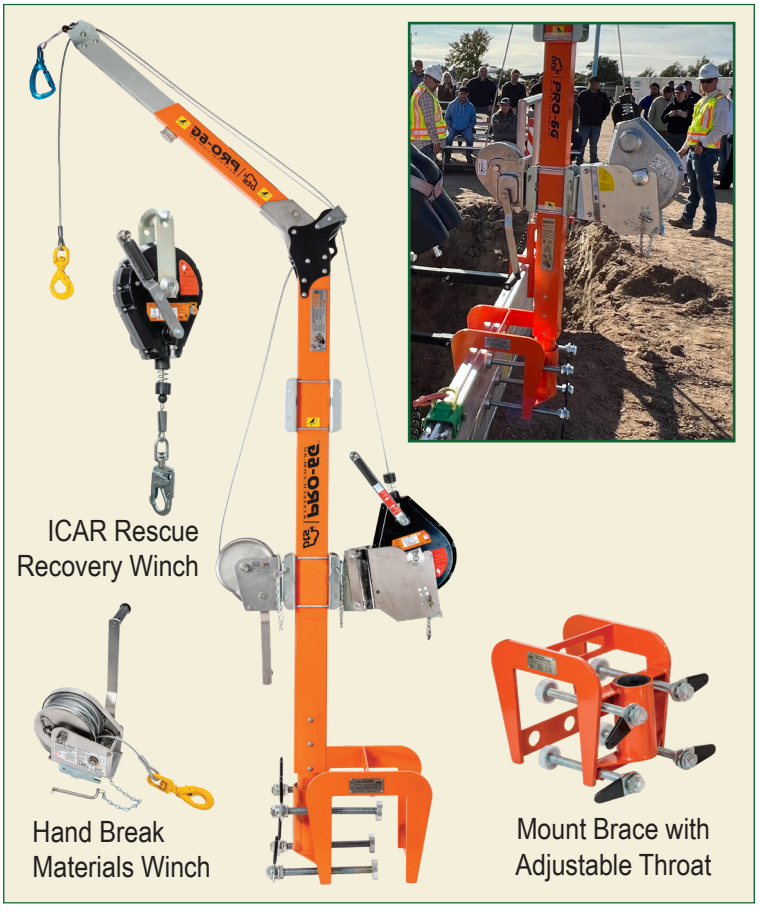
■ **PRO-6G Davit** (Code 50506)
- Working load limit 310 lbs. (140kg)
- Quick-Connect winch interface bracket
- 360º degrees Swivel
- Visual overload indicator
- Modular construction

■ **IKAR Rescue Recovery Winch** (Code: HRA-18US)
- 59 ft. (18m) effective working length
- Minimal moving parts

■ **Hand Brake Materials Winch** (Code SSJC-C820)
- Rated capacity: 309 lbs. (140kg)
- 5:1 gear ratio
- Self-Locking Hook

■ **Shoring Panel Bracket Davit Base** (Code: 301669)
- Adjustable throat accommodates 1-8 in. (20-205mm) sidewalls

■ **Heavy Duty Storage Tool Box** (Code: 50506BX)





ARCOSA SHORING PRODUCTS

BTS-Davit Kit
TEST REPORT - OSHA Verification

Test Report Number:	AM127_5.0
Compliance certificate:	AM128
Product Name:	BTRENCHSAFE® Pro-6G Davit Shoring Kit
Product Type:	Davit
Product Code:	50506
Testing OSHA Standards:	OSHA 29 CFR Part 1926.140, OSHA 29 CFR Part 1926.502
Testing Standards:	Z359.18:2017
Date of Testing:	December 2021

REGISTERED PROFESSIONAL ENGINEER
Quentin Adam
B.E. Mechanical
NSW #PRE0001231
QLD #08835

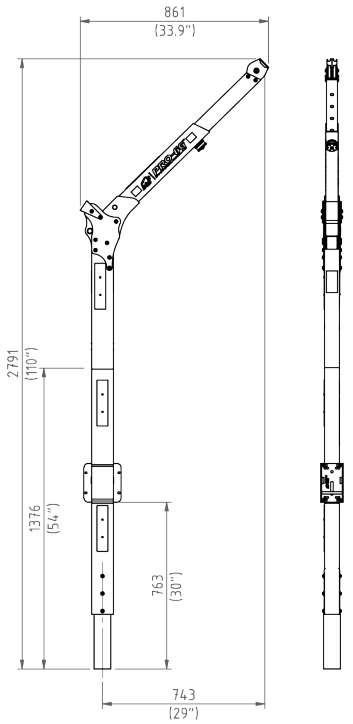
Verification Testing/ compliance check

Witnessed and certified by third part professional engineer B.Eng. (Mechanical)

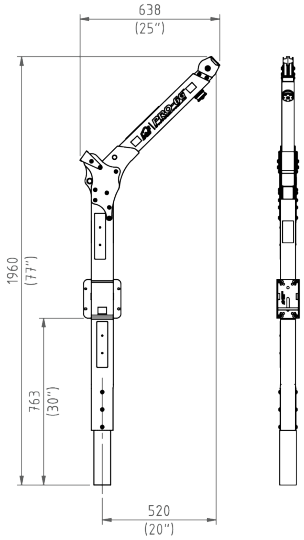
Testing conducted in BTS Testing Laboratory, NATA accredited ISO 17025, BTS is ISO 9001:2015 accredited by BSI

OSHA Clause	Date Tested/ Verified	Description	Result
1910.140(c)(13)(ii)	12/2021	Strength Test. Dynamically tested to 9kN. Statically tested to 13kN. Safety Factor SF=2 for 4kN rated System	Pass
1910.140(d)(1)(i)	12/2021	'System' limits arresting force to 4kN	Pass
1910.140(d)(1)(ii)	12/2021	System SRL required to bring employee to a stop in less than 2 feet	Pass
1910.140(d)(1)(iii)	12/2021	Impact Energy. A 282 lb drop 5.9 feet = 2260J. Tested to ANSI Z359.18 dynamic drop requirements. Tested capacity is > 2 times permited energy	Pass
1926.502(d)(15)(i)	12/2021	Strength Test SF>2 for 4kN . Dynamic test 9kN and Static 12kN	Pass
1926.502(d)(16)(ii)	12/2021	'System' limits arresting force to 4kN	Pass
1926.502(d)(16)(iv)	12/2021	System SRL required to bring employee to a stop in less than 2 feet	Pass
1926.502(d)(16)(v)	12/2021	Impact Energy. A 282 lb drop 5.9 feet = 2260J. Tested to ANSI Z359.18 dynamic drop requirements. Tested capacity is > 2 times permited energy	Pass
Z359.18:2017	12/2021	Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (Type D - Primary Anchor Point -Jib and Type A - Secondary Anchor Point - mast)	Pass





MAX EXTENSION



MIN EXTENSION