

BTS-Davit Kit

BTRENCHSAFE Pro-6g Davit Shoring Kit

Rescue/Retrieval Davit Kit:

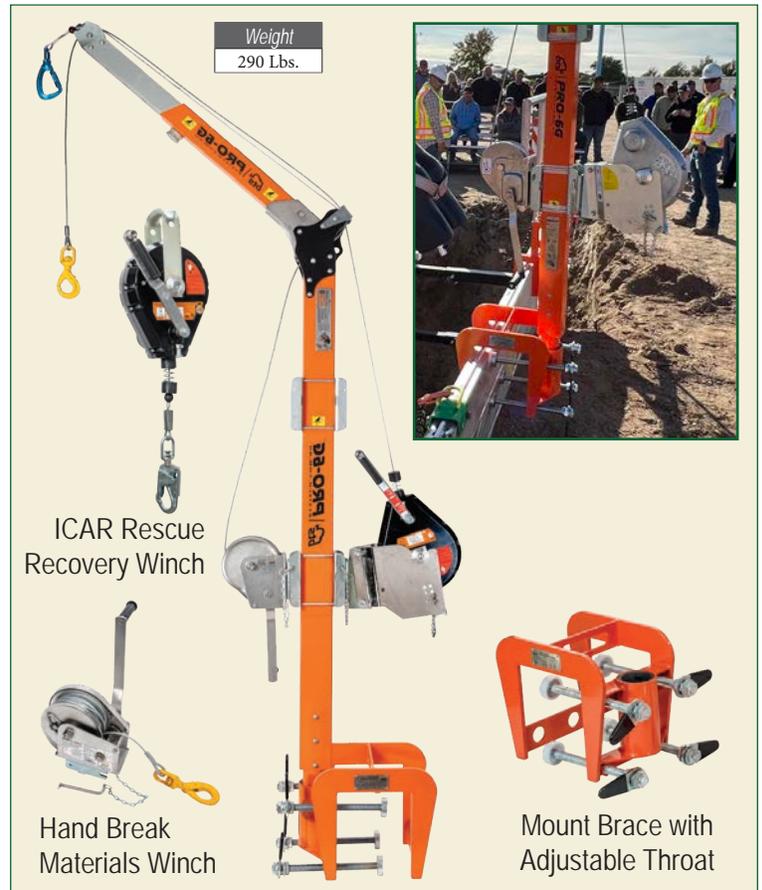
Part # **BTS50506-KIT**

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.

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Features:

- **PRO-6G Davit** (Code 50506)
 - Working load limit 310 lbs. (140kg)
 - Quick-Connect winch interface bracket
 - 360° 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)



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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



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 permitted 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 permitted 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

