

NSN: 1730-00-516-2019

VARIABLE HEIGHT TRIPOD JACK

50J25178

The 50J25178 jack is a portable, self-contained, hydraulically operated tripod jack. The jack consists of three principle assemblies: a hydraulic lift unit incorporating a ram and extension screw; a tubular steel tripod leg structure, and a hydraulic pump unit which is mounted on one leg of the tripod. The tripod structure is adjustable to various heights by means of four sets of leg extensions.



STANDARD FEATURES

- 10 Ton Capacity



10 TON LIFTING CAPACITY



ADJUSTABLE TO VARIOUS HEIGHTS



**SAFETY BY-PASS VALVE AUTOMATICALLY
PREVENTS LIFTING A LOAD GREATER
THAN THE CAPACITY**

TYPICAL AIRCRAFT APPLICATIONS

VARIOUS MILITARY AIRCRAFT

THE CJ ADVANTAGE

For over 90 years, Columbus Jack has entrenched itself with the U.S. Military and its Allies to provide robust and high-quality Ground Support Equipment. With thousands of jacks in use on bases and ships worldwide, we consistently comply with the precise standards of the military while offering superior customer service.

VARIABLE HEIGHT TRIPOD JACK

SPECIFICATIONS	MODEL		50J25178	
	Capacity		10 Ton	
	Hydraulic Lift (in/cm)		26.0 in / 66 cm	
	Screw Extension (in/cm)		18.0 in / 46 cm	
	Minimum Height (in/cm)		36.0 in / 91.4 cm	
	Maximum Height (in/cm)		80.0 in / 203.2 cm	
	Tripod Radius (in/cm)		17.0 in / 43.2 cm	
	Jack Net Weight (Lbs/kg) (Est.)		371 Lbs / 168 kg	
	Operating Pressure (psi/bar)		2,080 psi / 143.4 bar	
	Relief Valve Pressure (psi/bar)		2,290 psi / 157.9 bar	
	Reservoir Capacity (gal/l)		1.1 gal / 4.2 l	
	Jack Overall Dimensions Dia. x Height (in/cm)		90 x 108 in / 228.6 x 247.3 cm	
	Crated Weight (Lbs/kg)		750 Lbs / 340 kg	
	Crate Dimensions (Est.) L x W x H (in/cm)		58 x 34 x 90 in / 147.3 x 86.4 x 228.6 cm	
	Leg Extension Kits			
	Kit	Minimum Height (in/cm)	Maximum Height (in/cm)	Tripod Radius (in/cm)
	Kit 1	54 in / 137.2 cm	98 in / 248.9 cm	23.2 in / 58.9 cm
Kit 2	72 in / 182.3 cm	116 in / 294.6 cm	30.3 in / 77 cm	
Kit 3	90 in / 228.6 cm	134 in / 340.7 cm	37.6 in / 95.5 cm	
Kit 4	108 in / 274.3 cm	152 in / 386.1 cm	44.8 in / 113.8 cm	

AVAILABLE PART NUMBERS

50J25178/-30	No Extension
50J25178/-10E1	Leg Extension Kit 1
50J25178/-10E2	Leg Extension Kit 2
50J25178/-10E3	Leg Extension Kit 3
50J25178	All 4 Leg Extensions

MAINTENANCE KITS

Seal Kit	SKTES3-4
Repair Kit	TES3-4

CAGE CODE: 00994

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