



Columbus JACK/Regent

"The Strength of Experience"

PRODUCT DATA SHEET TRIPOD AIRCRAFT RECOVERY SYSTEM Model 9143-012, 100 Ton Capacity

Standard Features - Tripod

- ◆ 80 Ton Capacity at 28" to 68"
- ◆ 100 Ton Capacity at 68" to 140"
- ◆ Each leg independently controlled
- ◆ Three (3) Color Coded Leg Assemblies with Quick Disconnects
- ◆ Automatic Lock Nuts
- ◆ Male & Female Adapters
- ◆ Tow Bar Assembly
- ◆ Heavy Duty Spring Loaded Swivel Casters with Caster Locks (Maximum towing speed 5 MPH)
- ◆ Forklift Capability
- ◆ Skydrol Resistant Yellow Paint or to customer specifications

Standard Features - Console

- ◆ Three (3) Color Coded Hand and Air Pumps
- ◆ Three (3) Color Coded Hydraulic Pressure Gauges
- ◆ Three (3) Color Coded 50 foot Hoses with Quick Disconnects
- ◆ Three (3) Color Coded Hose Storage Racks
- ◆ Swivel Casters
- ◆ Forklift Capability
- ◆ Tow Bar Assembly

Documentation

- ◆ Operation and Maintenance Manual
- ◆ Certificate of Conformance
- ◆ Load Test Reports
- ◆ Factory New - 12 Month Written Warranty

Optional Equipment

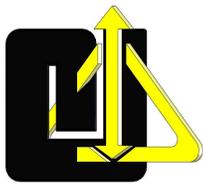
- ◆ Individually operated Dual Hydraulic Casters



The Low Profile Tripod-Style Recovery Jack can be manually or power operated from a remote console unit. Its tripod configuration is similar to standard maintenance tripod jacks except the ram has been replaced with a solid head and multi-stage hydraulic cylinder as used for each of the three legs. This design permits lateral movement of the jack head, within limits, to compensate and control the arc through which the aircraft jack point moves as the aircraft is righted to a level attitude. The advantage of the Tripod-Style System is that side loads are virtually eliminated and provides stability during the aircraft recovery.

TRIPOD AIRCRAFT RECOVERY SYSTEM SPECIFICATIONS								
VERTICAL CAPACITY (Tons/m tonnes)	MINIMUM HEIGHT (Inches/mm)	HYDRAULIC LIFT (Inches/mm)	SCREW EXTENSION (Inches/mm)	MAXIMUM EXTENDED HEIGHT (Inches/mm)	TRIPOD RADIUS (Inches/mm)	NET WEIGHT (Est.) (Lbs/kg)	SKIDDED DIMENSIONS (Est. - L x W x H) (Inches/mm)	CU FT (Est.) (Cu ft/cu m)
80* - 100	68	107	5	140	60	5,700	90 x 90 x 36	420
72.6 * - 90.8	1,727	2,718	127	3,556	1,524	2,586	2,286 x 2,286 x 914	11.9

*80 Ton Capacity - Minimum Height 28", Maximum Height 68"



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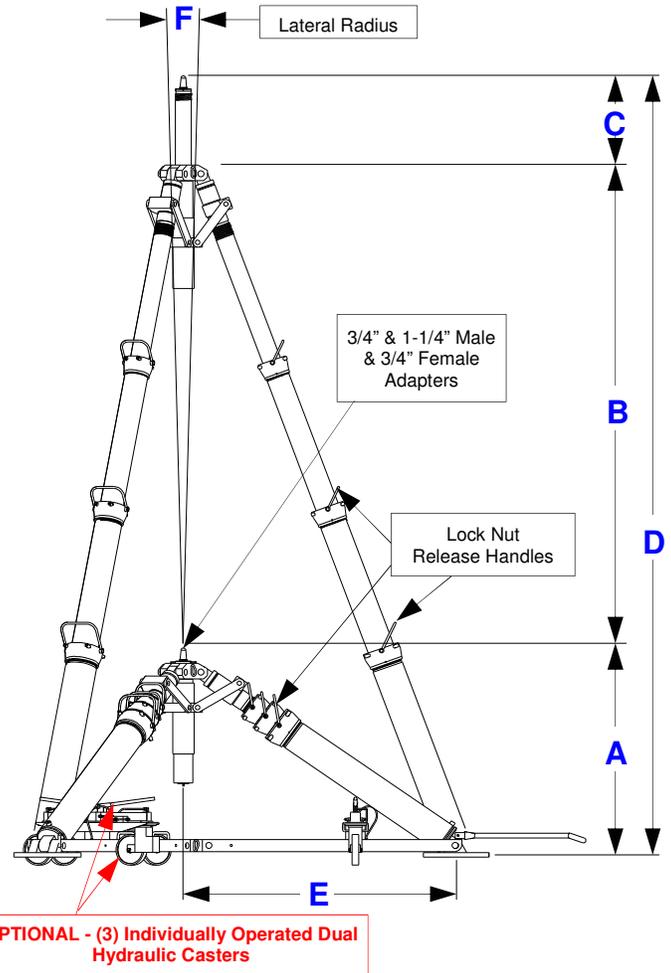
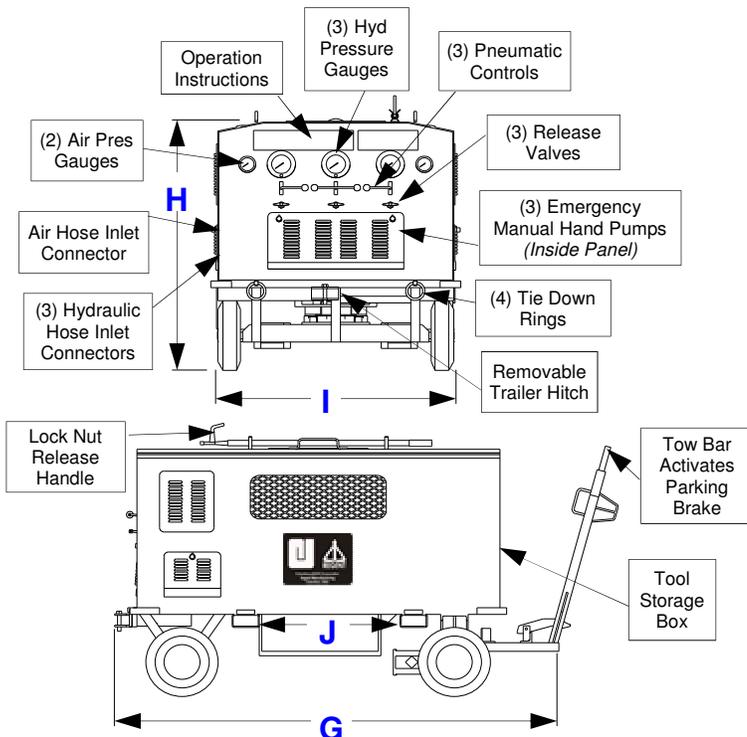
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ISO 9001:2008

TRIPOD AIRCRAFT RECOVERY SYSTEM

Model 9143-012, 100 Ton Capacity

JACKING APPLICATIONS			
FWD / WING			
A318	B707	B747	DC9
A319	B717	B757	MD80
A320	B727	B767	MD90
A321	B737	DC8	F100



MODEL 9143-012 TRIPOD AIRCRAFT RECOVERY SYSTEM SPECIFICATIONS

MODEL 8502-011 TRIPOD JACK	VERTICAL CAPACITY (Tons/m tonnes)	A	B	C	D	E	F
		MINIMUM HEIGHT (Inches/mm)	HYDRAULIC LIFT (Inches/mm)	SCREW EXTENSION (Inches/mm)	MAXIMUM EXTENDED HEIGHT (Inches/mm)	TRIPOD RADIUS (Inches/mm)	LATERAL RADIUS (Inches/mm)
	80* - 100	68	107	5	140	60	4.75
	72.6* - 90.8	1,727	2,718	127	3,556	1,524	121

*80 Ton Capacity - Minimum Height 28", Maximum Height 68"

MODEL 9511-010 CONSOLE	G	H	I	J	AIR PRESSURE AT CONSOLE (PSI/bars)	AIR FLOW AT CONSOLE (SCFM/dm ³ s)	RESERVOIR CAPACITY (Gal/ li)
	LENGTH (Inches/mm)	HEIGHT (Inches/mm)	WIDTH (Inches/mm)	FORKLIFT TINE WIDTH (Inches/mm)			
	101.5	59.0	56.0	37.0	110	150	50
	2,578	1,499	1,422	940	7.6	70.8	189