



# Columbus JACK/Regent

*"The Strength of Experience"*

## PRODUCT DATA SHEET TRIPOD AIRCRAFT RECOVERY SYSTEM

**Model 9497-010, 110 Ton Capacity**

### Standard Features - Tripod

- ◆ 110 Ton Capacity
- ◆ 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 Assemblies

### Documentation

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

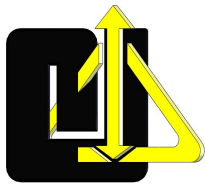
### Optional Equipment

- ◆ 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.

<b>TRIPOD AIRCRAFT RECOVERY SYSTEM SPECIFICATIONS</b>								
<b>VERTICAL CAPACITY</b> (Tons/m tonnes)	<b>MINIMUM HEIGHT</b> (Inches/mm)	<b>HYDRAULIC LIFT</b> (Inches/mm)	<b>SCREW EXTENSION</b> (Inches/mm)	<b>MAXIMUM EXTENDED HEIGHT</b> (Inches/mm)	<b>TRIPOD RADIUS</b> (Inches/mm)	<b>NET WEIGHT</b> ( Est. ) (Lbs/kg)	<b>SKIDDED DIMENSIONS</b> (Est. - L x W x H) (Inches/mm)	<b>CU FT</b> ( Est. ) (Cu ft/cu m)
<b>110.0</b>	<b>68.0</b>	<b>162.0</b>	<b>24.0</b>	<b>254.0</b>	<b>85.0</b>	<b>6,500</b>	<b>105 x 48 x 30</b>	<b>211</b>
99.9	1,727	4,115	610	6,452	2,159	2,948	2,667 x 1,219 x 762	5.9



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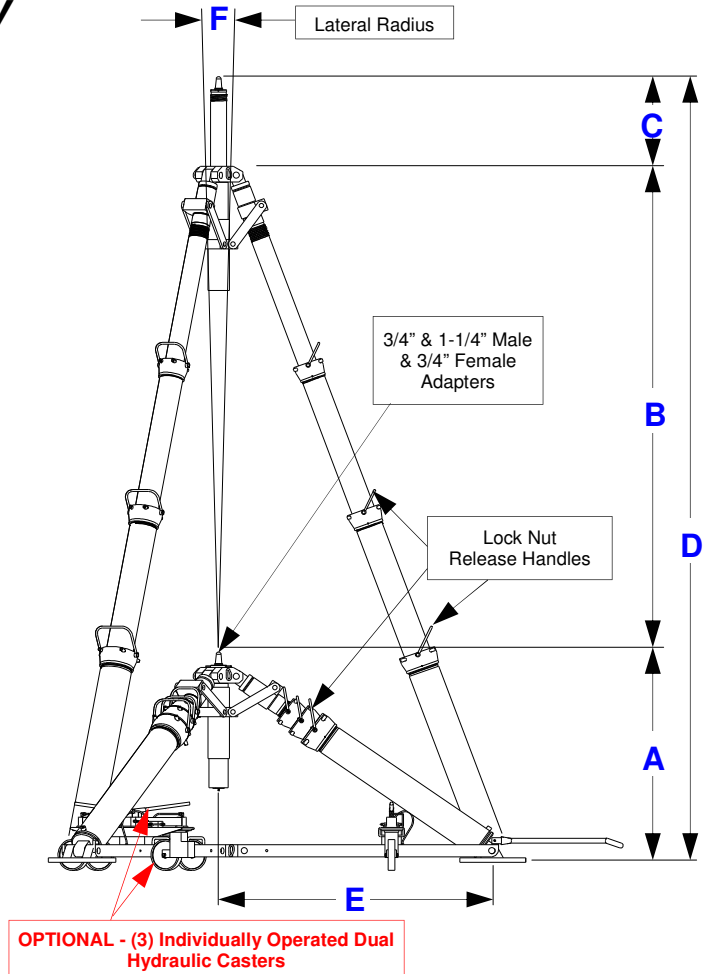
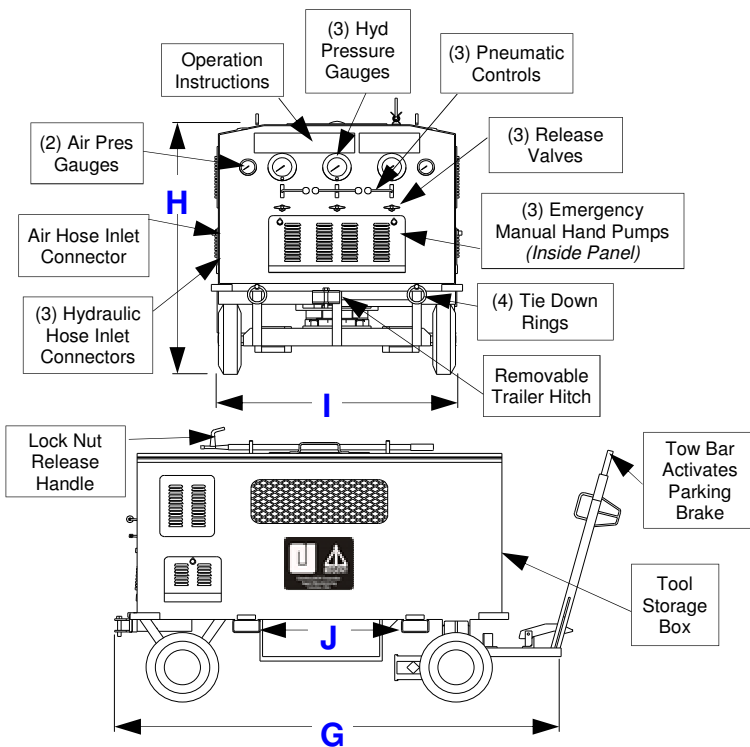
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ISO 9001:2008

## TRIPOD AIRCRAFT RECOVERY SYSTEM

Model 9497-010, 110 Ton Capacity

JACKING APPLICATIONS			
MAIN			AFT
A300	A340	DC10	B747
A310	B777	MD11	B767
A330	B787	---	B787



### MODEL 9497-010 TRIPOD AIRCRAFT RECOVERY SYSTEM SPECIFICATIONS

MODEL 9497-010 TRIPOD JACK	VERTICAL CAPACITY (Tons/m tonnes)	A	B	C	D	E	F
		MINIMUM CLOSED HEIGHT (Inches/mm)	HYDRAULIC LIFT (Inches/mm)	SCREW EXTENSION (Inches/mm)	MAXIMUM EXTENDED HEIGHT (Inches/mm)	TRIPOD RADIUS (Inches/mm)	LATERAL RADIUS (Inches/mm)
	110.0	68.0	162.0	24.0	254.0	85.0	4.75
	99.9	1,727	4,115	610	6,452	2,159	121

MODEL 9496-010 CONSOLE	G	H	I	J	AIR PRESSURE AT CONSOLE (PSI/bars)	AIR FLOW AT CONSOLE (SCFM/dm <sup>3</sup> 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	150
	2,578	1,499	1,422	940	7.6	70.8	568