



Columbus JACK/Regent

"The Strength of Experience"

PRODUCT DATA SHEET TRIPOD AIRCRAFT RECOVERY SYSTEM

Model 9161-012, 60 Ton Capacity

Standard Features - Tripod

- ◆ 60 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 Assembly



Documentation

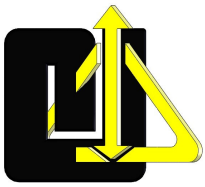
- ◆ Operation and Maintenance Manual
- ◆ Certificate of Conformance
- ◆ Load Test Reports
- ◆ Factory New - 12 Month Written Warranty

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) |
| 60.0 | 88.0 | 216.0 | 5.0 | 309.0 | 90.0 | 7,800 | 135 x 135 x 96 | 615 |
| 54.5 | 2,235 | 5,486 | 127 | 7,849 | 2,286 | 3,538 | 3,429 x 3,429 x 2,438 | 17.4 |



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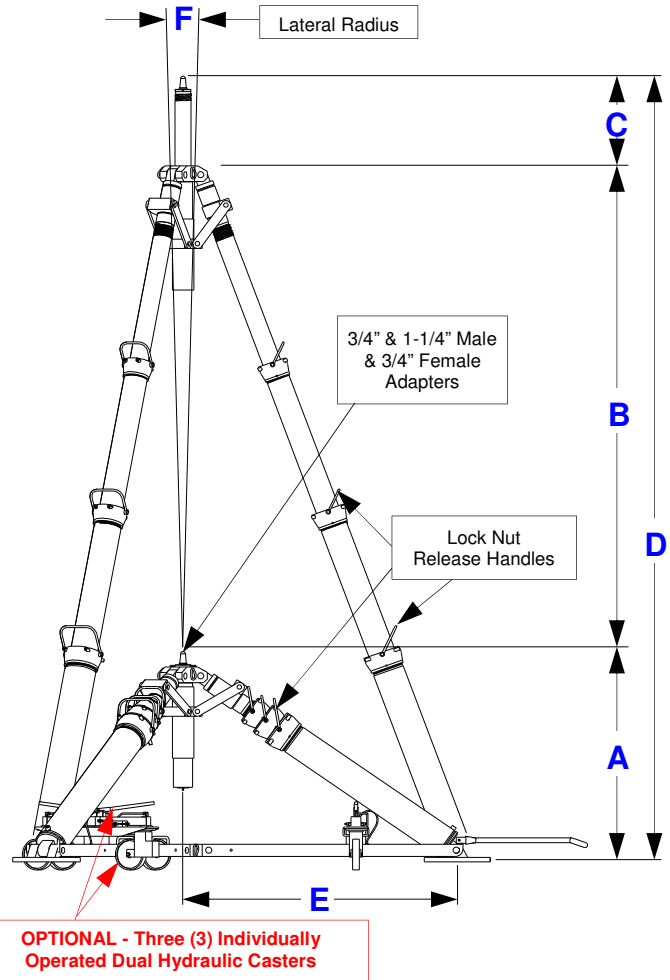
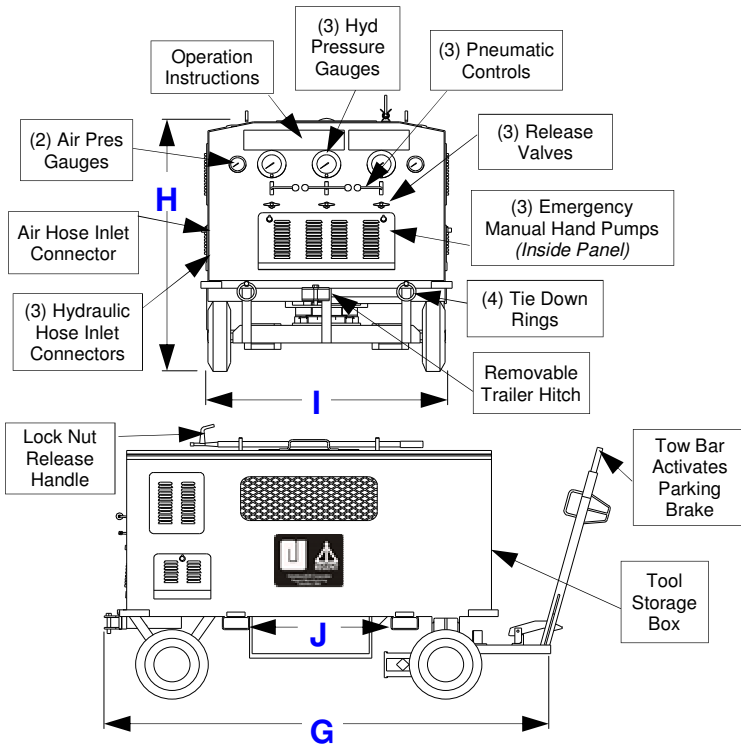
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ISO 9001:2008

TRIPOD AIRCRAFT RECOVERY SYSTEM

Model 9161-012, 60 Ton Capacity

| JACKING APPLICATIONS | | | | |
|----------------------|------|------|------|------|
| AFT | | | | |
| A318 | A321 | B707 | B757 | B787 |
| A319 | A330 | B737 | B767 | --- |
| A320 | A340 | B747 | B777 | --- |



OPTIONAL - Three (3) Individually Operated Dual Hydraulic Casters

MODEL 9161-012 TRIPOD AIRCRAFT RECOVERY SYSTEM SPECIFICATIONS

| MODEL 8561-010 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) |
| | 60.0 | 88.0 | 216.0 | 5.0 | 309.0 | 90.0 | 4.75 |
| | 54.5 | 2,235 | 5,486 | 127 | 7,849 | 2,286 | 121 |

| MODEL 9512-010 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 |
| | 2,578 | 1,499 | 1,422 | 940 | 7.6 | 70.8 | 568 |