UNIVERSAL TRIPOD JACK SMART LINE
MULTI-PURPOSE ABILITY B737 / A320 FAMILIES
TRIPOD JACK SMART LINE

Based on our 50 years experience, HYDRO fully understands the operators’ requirements around the world. In a highly competitive market, our customers need products with outstanding safety, functionality, reliability, longevity and user-friendliness.

HYDRO is pleased to introduce our new SMART LINE Tripod Jack System. We have optimized the manufacturing processes using smart solutions. Lean production and a high production volume enable us to achieve maximum efficiency and value for money.

MULTI-PURPOSE ABILITY

- Adaptable to various aircraft applications through manual piston extension
- Extractable by crane or forklift
- Dedicated configuration
- Patent pending
SMART SOLUTIONS IN EVERY DETAIL

The new robust and low maintenance SMART LINE tripod jacks are geared up for uncompromising functionality and safety. One of the striking features is the innovative way of configuring the SMART LINE tripod jack easily.

Watch our product video: www.smart-line-jacks.com

LARGE MANOMETER
- Regional specific gauge
  - kN/bar
  - ton. sh./psi
  - t/bar
  - kN/psi

MULTI-PURPOSE INTERFACE
For
- Tripod legs
- Proof load equipment
- Crane transport

INTELLIGENT LABELING
- Visual illustration
- Clear instructions

OIL TANK
- Stainless steel beer keg
- Robust against physical impacts
- 10 years warranty against leakage
- Pressure tested
- Oil level indicator

EXTENSION LOCK
- Locking bolt removed or inserted with the supplied slide hammer
- Low operational effort
- Accurate positioning

ONE COMMON PUMP UNIT
- Uniform operation
- Robust
- Low maintenance

MECHANICALLY ADJUSTABLE WHEELS
- Spindel adjustment
- Fully secured in towing condition
- Integrated direction lock

GROUND PLATES
- Height-adjustable
- Fully secured in transport condition
- Rated break point to avoid jack damage in case of ground impact
**BASIC DESCRIPTION**

- Frame with hydraulic lift cylinder
- Mechanical extension; extractable by crane or forklift
- Manually operated safety lock nut
- Pressure indicator in kN/bar, shorttons/psi; t/bar or kN/psi
- Pressure relief valve to protect against overload
- Bubble level indicator to verify the vertical alignment
- Tripod legs with height-adjustable ground plates
- Platform for easy operation of manual safety lock nut
- Low friction seal for constant piston return
- Highly user-friendly design and low-maintenance
- Tow bar
- Skydrol-resistant paint; RAL 2011
- Quality made in Germany

**STANDARD OPTIONS**

- **M** Manual hydraulic pump
- **A** Air-hydraulic pump incl. manual hydraulic pump for precise adjustment
- **E** Electro-hydraulic pump incl. manual hydraulic pump for precise adjustment (Supply Voltage: 3/PE AC 380-420V 50Hz or 3/PE AC 440-480V 60Hz)
- **12** Fixed undercarriage
- **13** Mechanically-adjustable undercarriage

**ADDITIONAL EQUIPMENT**

- Fork lift pockets

**AIRCRAFT APPLICATION**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Aircraft</th>
<th>Nose</th>
<th>Wing</th>
<th>Tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIRBUS</td>
<td>A318, A319, A320, A321, A319neo, A320neo, A321neo</td>
<td>TJS1E01001</td>
<td>TJS1E03501</td>
<td></td>
</tr>
<tr>
<td>BOEING</td>
<td>B737-100 to -900, B737-200C, B737-7/-8/-9 MAX</td>
<td>TJS1E03501</td>
<td>TJS1E01001</td>
<td></td>
</tr>
</tbody>
</table>

User-friendly details allow safe and easy handling
WHY CHOOSE SMART LINE TRIPOD JACKS?

- **QUALITY AND SAFETY**
  Quality is a given with HYDRO’s products. All our products are uncompromisingly designed for unparalleled robustness and longevity. You can rely on extreme accuracy in every detail.

- **BEST PRICE**
  Due to optimized manufacturing processes with many smart solutions the new SMART LINE tripod jacks offer full functionality at best price.

- **MRO ALIGNED**
  The SMART LINE tripod jack system was designed in close collaboration with operational experts from the MRO industry.

- **OPERATION READINESS**
  Our global facilities allow us to react quickly to any of your requirements. You can always rely on our full service support.

- **USER-FRIENDLINESS**
  Our new product line is precisely aligned to your needs. User-friendly details allow easy and intuitive handling.

- **EXPERTISE**
  Our skills and capabilities come from more than 50 years experience and countless hours of practical knowledge.

IN SAFE HANDS.

Strong. Leading. Worldwide. HYDRO means innovation, quality and reliability for aircraft and engine manufacturers, MROs, airlines and airports around the world. From the development of turnkey system solutions through to the manufacture of Ground Support Equipment and Tooling, including a diverse range of services, we fulfill all your requirements.

As the global market leader, HYDRO sets the benchmark. With our highly experienced development teams, our wide-ranging innovative product portfolio, modern production facilities and class-leading supply chains, you get genuine quality from HYDRO. Precise, reliable and cost-effective. HYDRO is truly your “One Stop Shop”, a leader within its industry.

HYDRO Systems KG
Headquarters worldwide
Ahfeldstrasse 10
77781 Biberach / Baden Germany
Phone: +49 (0) 7835 787-0
Fax: +49 (0) 7835 787-8888
info@hydro.aero

HYDRO Systems USA Inc.
Seattle, WA

HYDRO Systems UK Ltd.
Derby

HYDRO Systems France SAS
Toulouse

HYDRO Systems Singapore LLP
Singapore

HYDRO Systems (Tianjin) Co. Ltd.
Tianjin

HYDRO Germany
Engineering Office and Service Center
Hamburg

HYDRO Spain
Sales Office
Tulma Aviation S.L. - Madrid

HYDRO Malta
Service Center
Pro Tech Engineering Solutions Ltd.-Paola

HYDRO Russia
Sales Office
Moscow

HYDRO UAE
Service Center
Dubai

HYDRO China
Sales Office
Beijing

HYDRO Japan
Service Center
Horiguchi Engineering Co.Ltd. - Tokio

HYDRO USA
Sales Office
Miami, FL

HYDRO USA
Sales Office
Los Angeles, CA

HYDRO USA
Service Center
Washington D.C.

www.hydro.aero

and more than 50 sales representatives located worldwide!