SMART-LINE SERIES
A320 & B737 TRIPOD-JACKS
Based on more than 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 series. 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.

**TRIPOD-JACK SMART-LINE**

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**CHARACTERISTICS**

- Tripod structure: 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
- Low friction seal for constant piston return
- Highly user-friendly design and low-maintenance
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal
- Skydrol-resistant paint and galvanized plating for corrosion protection
- Movable tow-bars
- Ladder with platform or pedestal (according to jack height) for easy manual safety operation
- Rain cover
- Interface for HYDRO proof-load equipment
- Factory proof-load with 150 % of nominal capacity incl. proof-load certificate

* Only for multi-purpose jacks which are equipped with an extension
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.

SAFETY

Safety is the most important requirement for all products manufactured in our company. Our tripod-jacks are factory proof-load tested at 150% vertical and 10% lateral of nominal capacity.

BENEFITS

BEST PRICE

Due to optimized manufacturing processes with many smart solutions the Smart-Line tripod-jacks offer full functionality at best price.

OEM-APPROVED

The Smart-Line tripod-jacks have been designed according to OEM specifications and are validated by Airbus and Boeing.

MRO-ALIGNED

The Smart-Line tripod-jack series has been designed in close collaboration with operational experts from the MRO industry.

QUALITY

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.

- Stainless steel cover — all parts are protected against dirt, harsh environment and UV-radiation
- Long life-cycle
- Robust and proven design
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal

USER-FRIENDLINESS

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

INTELLIGENT LABELLING

- Visual illustration
- Clear instructions

LARGE MANOMETER WITH REGIONAL SPECIFIC GAUGE

kN/bar, tn.sh./psi, t/bar or kN/psi

ONE COMMON PUMP UNIT

- Uniform operation
- Robust
- Low maintenance

MECHANICALLY ADJUSTABLE WHEELS

- Spindle adjustment
- Fully secured in towing condition
- Integrated direction lock

GROUND PLATES

- Height-adjustable
- Fully secured in transport condition
- Rated breakpoint to avoid jack damage in case of ground impact

MULTI-PURPOSE INTERFACE FOR

- Tripod legs
- Proof-load equipment
- Crane transport
OPTIONS AND ADDITIONAL EQUIPMENT

STANDARD ACCESSORIES:

Drive Unit
- Manual hydraulic pump
- Air-hydraulic pump incl. manual pump for precise adjustment
- Electro-hydraulic pump incl. manual pump for precise adjustment (Supply Voltage: 3/PE AC 380-420 V 50 Hz or 3/PE AC 440-480 V 60 Hz)

Undercarriage
- Fixed undercarriage
- Mechanically-adjustable undercarriage

ADDITIONAL EQUIPMENT:
- Fork lift pockets

Factory proof-load:

150% 
vertical and 10 % Lateral of nominal capacity

Airbus & Boeing
 validated

More than 25 sets sold

More than 15 customers worldwide

Smart-Line tripod-jack set at Tarmac Aerosave, France
AIRCRAFT APPLICATION

SINGLE APPLICATION TRIPOD-JACK SETS

<table>
<thead>
<tr>
<th>Application</th>
<th>Position</th>
<th>Tripod-Jack Type</th>
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<tbody>
<tr>
<td>A320 Family incl. NEO</td>
<td>Wing</td>
<td>TJSLOE03502</td>
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<td>Nose</td>
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<tr>
<td>B737NG Family incl. MAX</td>
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MULTI-PURPOSE APPLICATION TRIPOD-JACK SETS

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Smart-Line - Available for both B737 and A320

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