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
- Mechanically extending (extractable by crane or forklift)*
- Manually operated safety lock nut
- Pressure indicator in kN/bar, tons, 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

BEST PRICE

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

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.

MULTI-PURPOSE INTERFACE FOR

- Tripod legs
- Proof-load equipment
- Crane transport

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, tons, 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

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

AIRCRAFT APPLICATION

SINGLE APPLICATION TRIPOD-JACK SETS

<table>
<thead>
<tr>
<th>Application</th>
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<th>Tripod-Jack Type</th>
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<tbody>
<tr>
<td>A320 Family incl. NEO</td>
<td>Wing</td>
<td>TJSLE03502</td>
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<tr>
<td></td>
<td>Nose</td>
<td>TJSLE01002</td>
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<td>B737NG Family incl. MAX</td>
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Factory proof-load: 150% vertical and 10% lateral of nominal capacity

Airbus & Boeing validated

More than 25 sets sold

More than 15 customers worldwide