

→ GROUND SUPPORT EQUIPMENT



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



B737 APPLICATION




A320 APPLICATION

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



EXTENSION LOCK

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


01



ONE COMMON PUMP UNIT

- Uniform operation
- Robust
- Low maintenance

02



MECHANICALLY ADJUSTABLE WHEELS

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

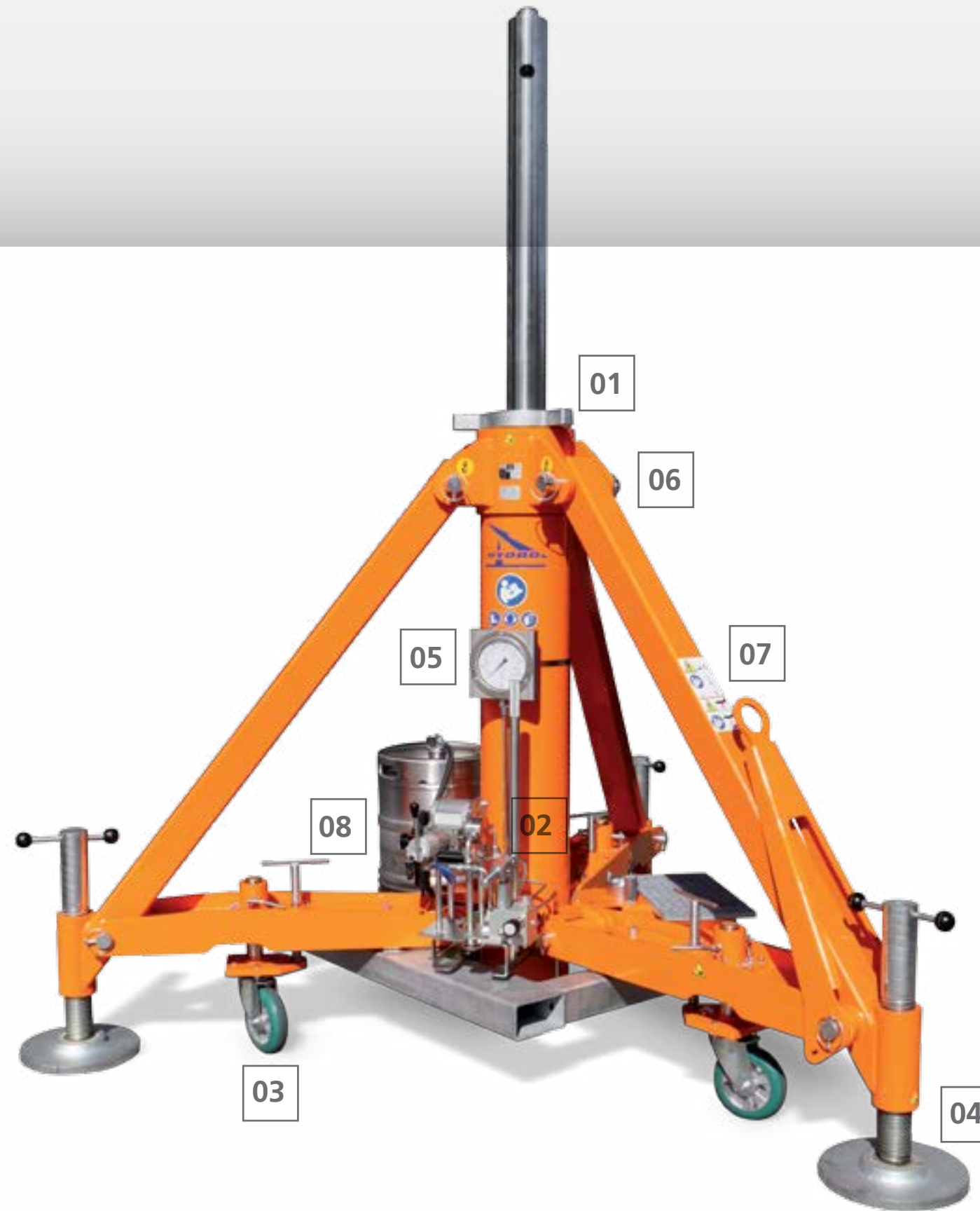

03



GROUND PLATES

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


04

LARGE MANOMETER
REGIONAL SPECIFIC GAUGE

- kN/bar
- tn. sh./psi
- t/bar
- kN/psi

05




MULTI-PURPOSE INTERFACE

For

- Tripod legs
- Proof load equipment
- Crane transport


06



INTELLIGENT LABELING

- Visual illustration
- Clear instructions

07



OIL TANK

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

08



User-friendly details allow safe and easy handling

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

AIRCRAFT APPLICATION

Manufacturer	Aircraft	Nose	Wing	Tail
AIRBUS	A318, A319, A320, A321, A319neo, A320neo, A321neo	TJSL1E01001	TJSL1E03501	
BOEING	B737-100 to -900, B737-200C, B737-7/-8/-9 MAX		TJSL1E03501	TJSL1E01001

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

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

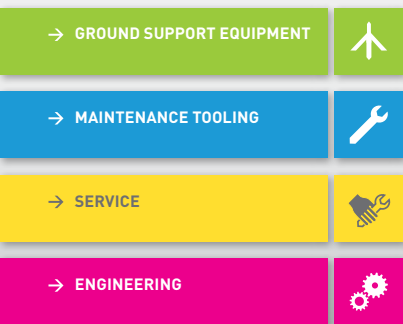
Our global facilities allow us to react quickly to any of your requirements. You can always rely on our full service support.

■ 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.



HYDRO_Smart_Line_1702

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.

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