



→ **TRIPOD JACK SMART LINE**

A new product line is born



HYDRO´s international sales teams inspecting their new „baby“

# TRIPOD JACKS „SMART LINE“

## Our inspiration

A constant dialogue with all levels of MRO operators around the world

## Our experience

In a highly competitive world the global maintenance community requires products with uncompromising safety, total functionality with no compromise on reliability, longevity and user-friendliness, and that to the best price-ratio. Simply put: “Get the job done as efficient and safe as possible. 24/7/365. “

## Our idea

We need a new line of tripods, which has to be “smart” to bridge the gap

# TRIPOD JACKS *SMART* LINE

## What did we do?

Based on over 50 years of experience every detail was looked at and every idea had to pass the “expert panel challenge”.

- + Focused/ Strict/ Consequent Design: Form follows function.
  - + Paired with innovative details
  - + Based on uncompromising quality and unparalleled robustness
- = SMART Line

We are confident that our “SMART” Line of Tripods has truly become pretty SMART!

**Assure yourself and discover all smart details >>**

# UNIVERSAL JACK SET A320 / B737

## MULTI-PURPOSE ABILITY

- Adaptable to various aircraft applications through manual piston extension
- Extractable by crane or forklift
- Definite configuration
- Patent pending



B737 application



A320 application

# TELESKOPIC TUBE EXTENSION

## USER FRIENDLY DESIGN

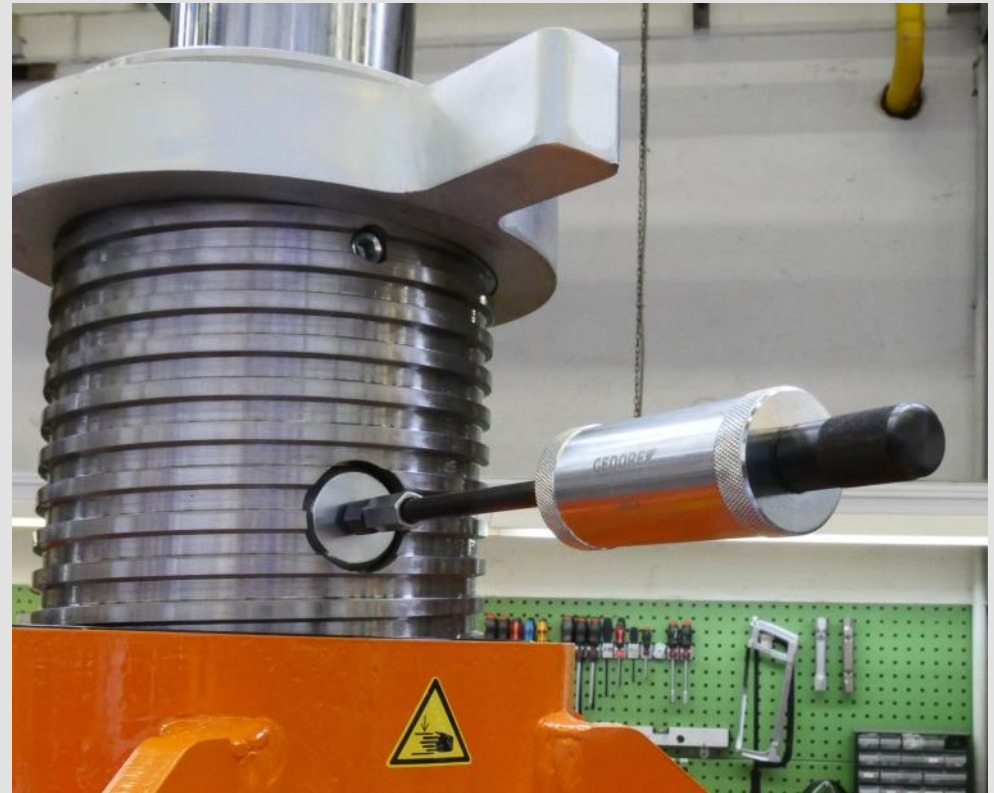
- Mechanically extractable by crane or forklifter
- Stored inside the main tube
- Extension locked by bolt brace



# EXTENSION LOCK

## Bolt brace of extension:

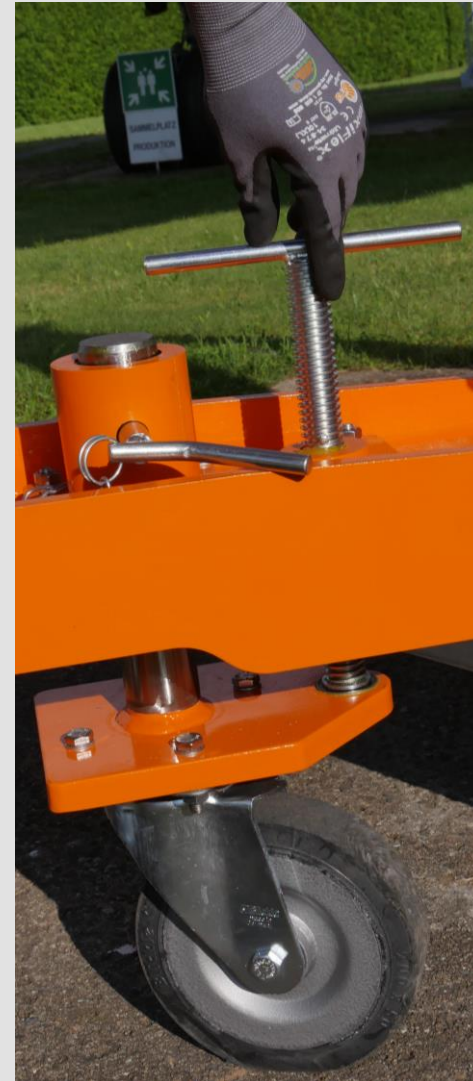
- Locking bolt removed or inserted with the supplied slide hammer
- Low operational effort
- Accurate positioning



# UNDERCARRIAGE

## Mechanically adjustable wheels

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





# GROUND PLATES

## Movable ground plates

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



# MULTI-PURPOSE INTERFACE

Multi-purpose interface

For:

- Tripod legs
- Proof load equipment
- Crane transport



# ONE FOR ALL

One common pump unit for all nb jacks:

- Uniform handling
- Robust
- Low maintenance



Electrically driven



Air driven

# ONE FOR ALL

Large manometer:

- Region specific gauge
  - kN/bar
  - tn. sh./psi
  - t/bar
  - kN/psi



# LABELING

Intelligent labeling:

- Visual illustration
- Clear instruction



# NOT ONLY FOR BEER

## The oil tank

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



# BEST PRICE

## Strict Design to Cost alignment

- Modular design
  - Lean production
    - Optimized manufacturing processes
    - High degree of automation
    - High production volume
- Cost efficiency



# QUICK FACTS



## Expertise

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

## Best Price

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

## 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.

## MRO aligned

Designed in close collaboration with operation experts from the MRO industry.

## USER-FRIENDLINESS

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

## OPERATION READINESS

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



# SUMMARY



You buy more than only a product

A hand on the left points its index finger towards the right, and a hand on the right points its index finger towards the left. They frame a central dark blue rectangular box containing white text. The background is a bright blue sky with scattered white clouds. In the upper right corner, a small white airplane is visible, flying away and leaving a thin white contrail.

→ **THANK YOU FOR YOUR ATTENTION!**

# DISCLAIMER



This document and all information contained herein is the sole property of HYDRO Systems KG. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the express written consent of HYDRO Systems KG. This document and its content shall not be used for any purpose other than for which it is supplied.

The statements made herein do not constitute an offer. They are based on the mentioned assumptions and are expressed in good faith. Where the supporting grounds for these statement are not shown, HYDRO Systems KG will be pleased to explain the basis there of.

© 2016 - HYDRO Systems KG