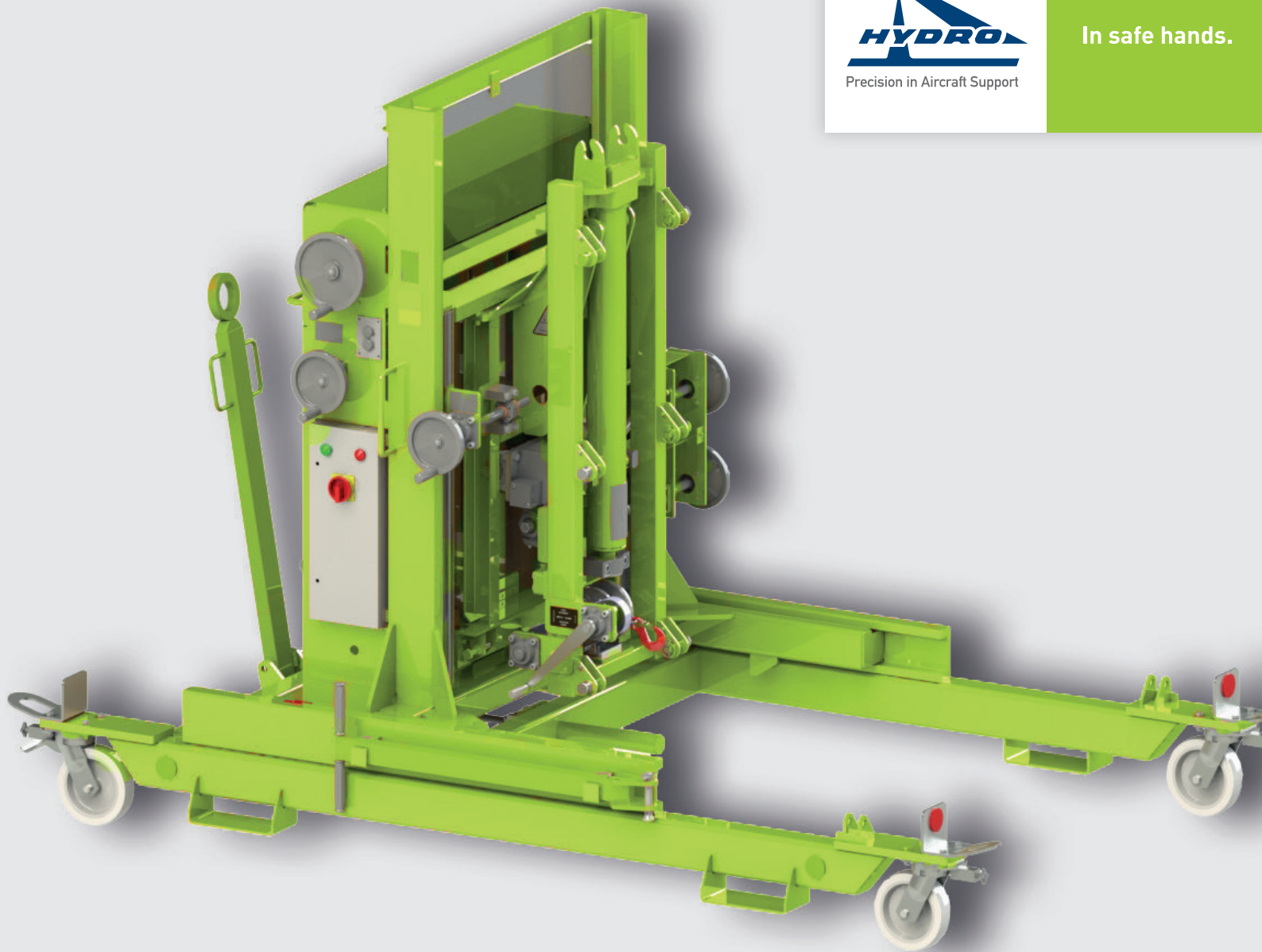




Precision in Aircraft Support

In safe hands.



# MLGTMULTI-1

MULTI-PURPOSE MAIN AND NOSE LANDING GEAR TROLLEY



B737NG landing gear ready for being installed with the MLGTMULTI-1

## THE MULTI PURPOSE LANDING GEAR TROLLEY

The landing gear is an essential and robust component of the aircraft, for which there is no built-in redundancy. It is all the more important that maintenance can be done efficiently and smoothly.

The MLGTMULTI-1 is a one-base platform that efficiently uses changeable frame kits, to replace the main and nose landing gears without wheels and brakes of various narrow-body aircraft.

The one-base-platform makes the MLGTMULTI-1 a versatile, convenient, and cost-saving trolley choice for servicing the landing gears on the most popular aircraft in the world.

This latest generation of MLGTMULTI-1 allows to remove and install not only Main Landing Gears, but also Nose Landing Gears, with simply using a frame kit.

## TECHNICAL SPECIFICATION

MLGTMULTI-1 base platform		
<b>Capacity</b>	10 kN	
<b>Weight</b>	950 kg	2094.4 lbs
<b>Width</b>	1,882 mm	74.1 inches
<b>Length</b>	2,893 mm	113.9 inches
<b>Min.height</b>	1,793 mm	70.6 inches
<b>Longitudinal movement</b>	± 175 mm	± 6.9 inches
<b>Transverse movement</b>	± 125 mm	± 4.9 inches
<b>Yaw (rotation around)</b>	± 4 °C	
<b>Pitch (rotation around)</b>	+ 7 °C [-3 °C/+4 °C]	
<b>Total lift</b>	800 mm	31.5 inches
<b>Towing speed with MLG</b>	3 km/h	1.9 mph
<b>Towing speed without MLG</b>	6 km/h	3.73 mph
<b>Admissible operating temperature</b>	0 °C to + 40 °C	32 °F to + 104 °F

## + Versatile Application

- The one-base platform together with various application-specific frame kits fits perfectly for the main landing gear removal, installation and transportation of various narrow-body aircraft.
- The latest generation allows to change main landing gears as well as nose landing gears with one base platform.

## + Outstanding accuracy

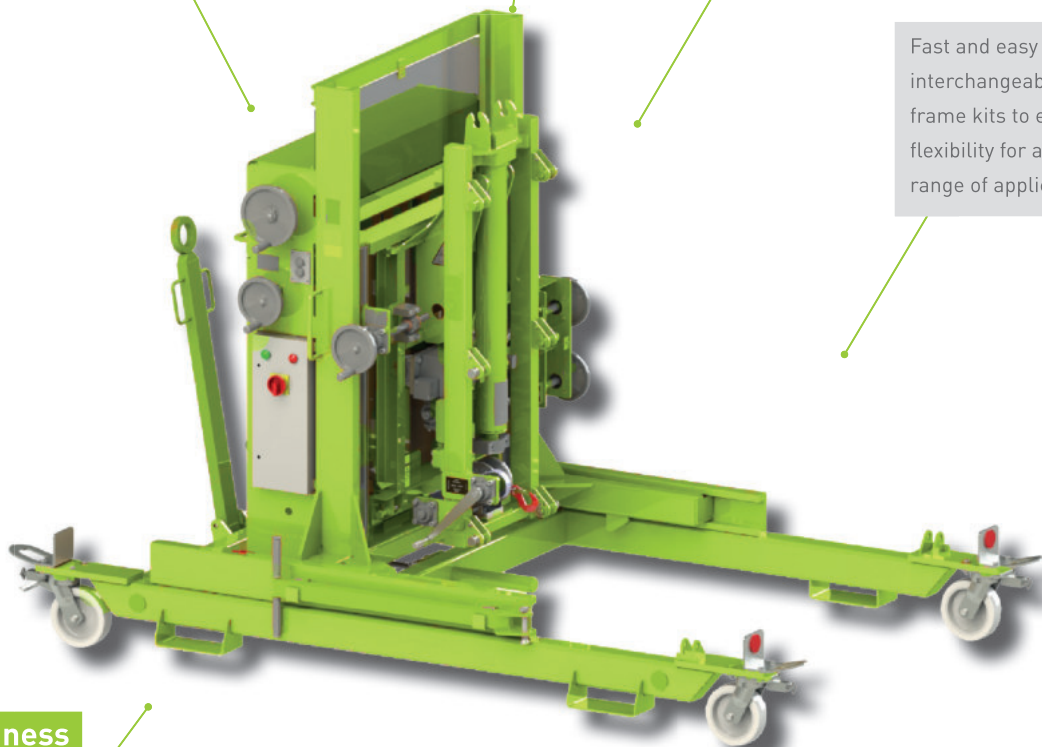
Three axes positioning through spindle adjustment and pneumatically or electrically driven lifting movement.

## + Operational safety

The Landing Gear is fully secured during the whole procedure.

## + Efficiency

Fast and easy interchangeability of frame kits to ensure flexibility for a wide range of applications.



## + User friendliness

No manual lifting, manual pushing, or manual pulling and no assembly of special parts reduce the physical stress of operators.

## + Low total cost of ownership

- Lower investment cost compared to the existing OEM-tools
- Investment costs even go down with each additional application
- Reduced operation time

More than

# 20

units sold since July 2016

Outstanding accuracy with

# 3

axes positioning

# 1

MLGTMULTI to cover a wide range of aircraft

More than

# 18

MLGTMULTI-1 customers worldwide already

## STANDARD OPTIONS

### MLGTMULTI-1-AC:

- Electrically driven lifting
- UL marked and certified
- Supply voltage: 3/ PE AC 380-420 V, 50 Hz or 3/ PE AC 440-448 V, 60 Hz
- Cable length: 30 m [98.42 feet]

### MLGTMULTI-1-AB:

- Pneumatically driven lifting
- Explosion proofed according to NEC500: CI I DIV 2 GPD T3

## OPTIONAL EQUIPMENT

### Scissors pallet truck MLGC01:

Scissors pallet truck for transportation, storage and installation of frame kits. This also serves as Strut Compression Tool for Boeing B737-600/ -700/ -800/ -900.

### Main Landing Gear/Nose Landing Gear Dolly LGD11-001

Nose and Main Landing Gear transportation and storage dolly for A320 family incl. neo.

Installation of Boeing B737NG  
Main Landing Gear with  
MLGTMULTI-1

[https://www.youtube.com/  
watch?v=3F5D2fzUJwo](https://www.youtube.com/watch?v=3F5D2fzUJwo)



A320 landing gear ready for being installed with the MLGTMULTI-1

## AIRCRAFT APPLICATION

The MLGTMULTI-1 is a one-base platform. It can be used in conjunction with additionally available frame kits that are specifically tailored to each type of aircraft.

Manufacturer	Aircraft	Base platform	Frame kit Main Landing Gear	Frame kit Nose Landing Gear
Airbus	A318, A319, A320, A321, A319neo, A320neo, A321neo	MLGTMULTI-1	MLGFA320	NLGFA320
Boeing	B737-600 to -900	MLGTMULTI-1	MLGFB737NG	NLGFB737NG-MAX*
	B737-7/-8/-9 MAX	MLGTMULTI-1	MLGFB737NG*	NLGFB737NG-MAX*
Embraer	170/175, 190/195	MLGTMULTI-1	MLGFE1	

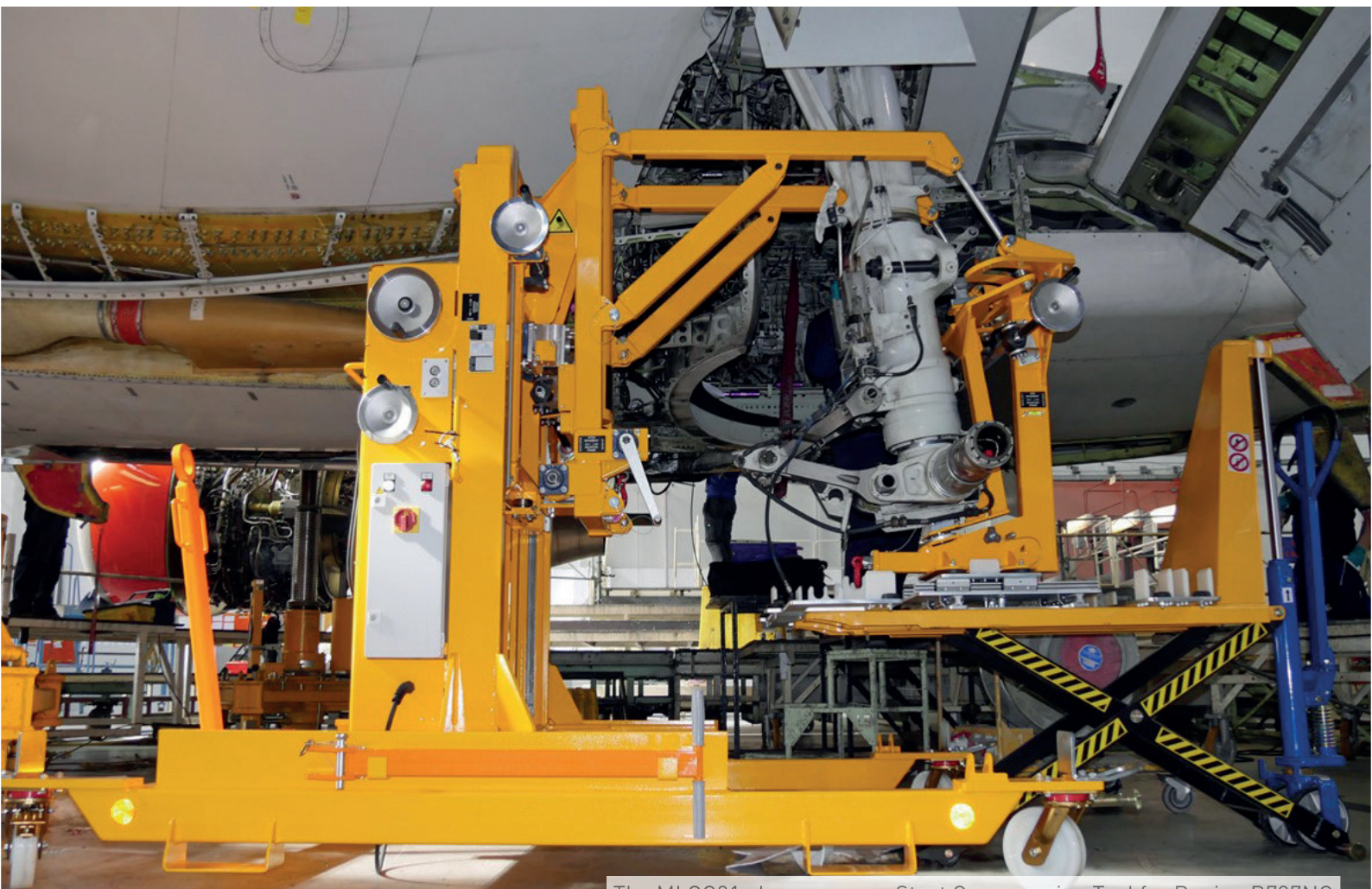
\*Validation ongoing



The new MLGTMULTI-1 has been very easy to work with. It's a perfect working machine for main landing gear replacement. The good movability, the accurate winding and the safe fixation of the landing gear are key features of a high quality product. What I appreciate a lot about the MLGTMULTI-1 is that there is one singular base with interchangeable frame kits that can work with various narrow-body aircraft. That saves money and enables our technicians to feel confident since they are familiar with one single operation process.



**Patrick Lyons, Operation Team Leader at Lufthansa Technik Shannon Ltd.**



The MLGC01 also serves as Strut Compression Tool for Boeing B737NG



# WORLDWIDE FOOTPRINT



SALES REPRESENTATIVE



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