

General Information

Stand number #H07

TREIPEL



15-17 September – FIL Lisbon
gse-expo-europe.com

Ready for every turnaround

Our trade fair slogan “Ready for every turnaround” reflects what matters most in our industry: time, reliability and performance. Visit us to discover how our solutions help keep operations running efficiently and on schedule.

Experience our capabilities firsthand and discover two of our highlights: the **CHAMP 70We NEO** and the **CHALLENGER 150e**. See how they help operators achieve faster turnarounds, greater efficiency, and dependable performance day after day.

TREPEL #H07

OPENING TIMES

Tuesday 15
9:00 AM - 5:00 PM
Wednesday 16
9:00 AM - 5:00 PM
Thursday 17
9:00 AM - 4:00 PM

CATERING

Barista specialities & drinks
Snacks & lunch

ICE TIME

15- 16 September
Different flavours
2:00 PM - 4:00 PM



Contact

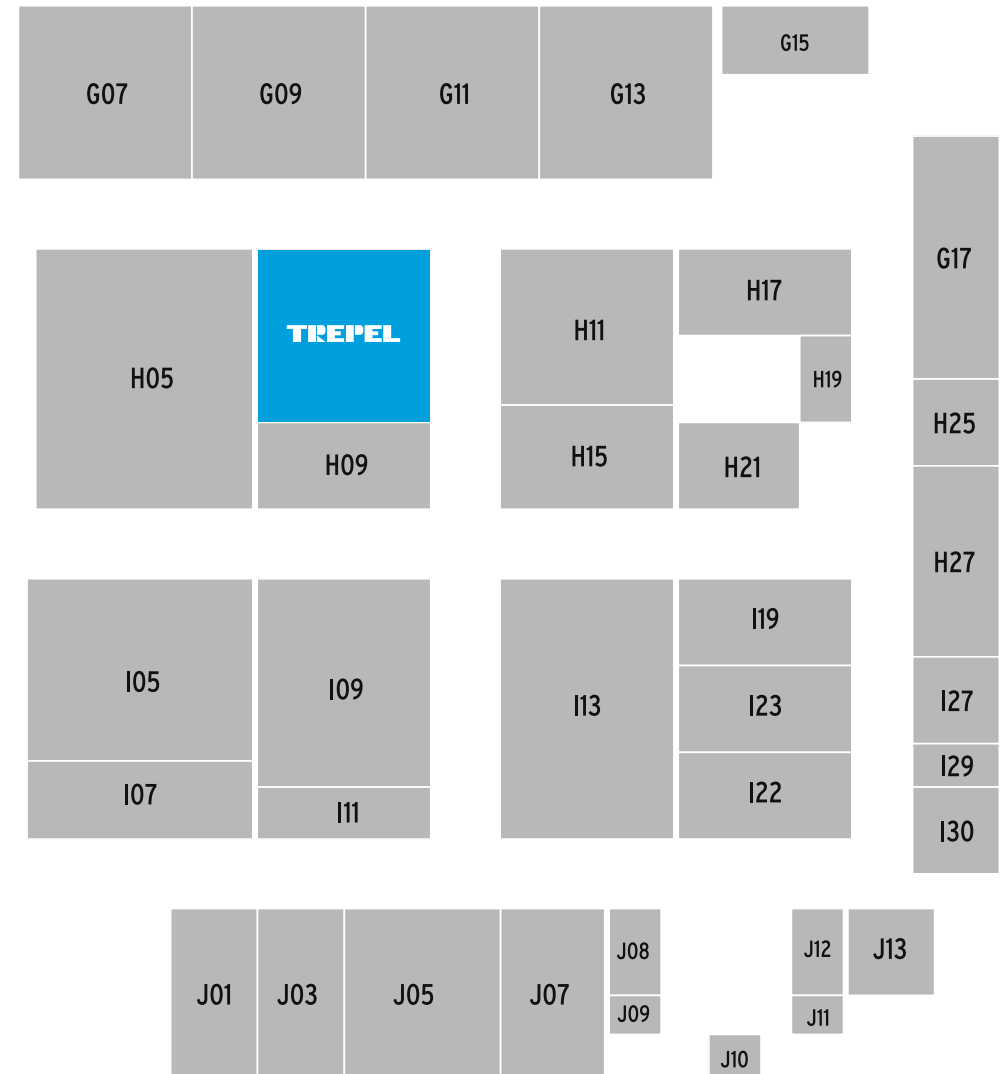


MEET OR CONTACT
our sales team

[TREPEL.COM](https://www.trepe.com)



Floor plan



The full-performance 7 ton loader

The CHAMP 70We NEO is based on a new concept of an electro-hydraulically operating power system. This power system is divided into three separate functions - drive, platform lifting and auxiliary hydraulics.

The split system directs energy purposefully to each function, extending battery runtime. Cutting-edge technology makes it possible to recuperate energy when lowering the main platform. The durable electric components of the powertrain ensure low maintenance costs.



Performance

Dimensions (L x W x H)	9.200 x 4.300 x 3.100 mm
----------------------------------	--------------------------

Capacity (both platforms lift and transfer)	7.000 kg
--	----------

Lifting height front platform	1.800 to 3.700 mm
---	-------------------

Lifting height main platform	485 to 3.700 mm
--	-----------------

Loading width (between guide rails)	3.270 mm
---	----------

Driving speed	12 km/h
----------------------	---------

Gradability	6 %
--------------------	-----

Turning radius	9.200 mm
-----------------------	----------

Design

Engine / Propulsion 3 electric motors · Electric motor for drive 22 kW · Main platform lifting 32 kW · Operating hydraulic system 12 kW · Traction batteries: 3 different 80 V lead batteries · sizes available (625 Ah / 810 Ah / 1.125 Ah)

Transmission / axles Direct electric drive on front axle

Steering Hydraulic power steering

Braking system Dual circuit hydraulic brake system, multiple wet disc brakes

Stabilisers 6 hydraulically operated stabilisers

Conveying system Zinc-plated steel rollers for longitudinal transfer, transversal drive units on front platform, hydraulically adjustable guide rails on front platform, side loading and ULD rotation on rear of main platform

Hydraulic system Priority valve for steering and brakes circuit, valves with control light

Electric system 24 V DC, combination of common relays and PLC controllers. Where possible, control logic functions are processed by the PLC



CHAMP 70We NEO
on our website

READ MORE



CHALLENGER 150 **e**

The new, narrow-body aircraft workmate

The CHALLENGER 150e electric tractor is the ideal machine for towing/pushing narrow-body aircraft such as the B737 and A320.

With simple-to-use controls and a clean, crisp dash panel layout, the CHALLENGER 150e features hydro-pneumatic suspension, LED lighting, comfortable seating and heating/air conditioning options. It is just as easy to operate as the diesel version.



Performance

Capacity	Aircraft weight up to 160 tons
Dimensions (L x W x H)	5.510 x 2.270 x 2.153 mm (standard configuration without couplings)
Drawbar pull	110 kN (calculated theoretical value, dependent on ballasted weight and adhesion factor)
Driving speed	20 km/h (depends on ballasted weight)
Turning radius	4.700 mm
Weight	11 tons (without ballast, with 3 traction batteries) up to 16 tons (ballasted, with 3 traction batteries)

Design

Engine 2 electric drive motors each 31 kW · 1 electric motor for steering and braking: 7 kW · Traction batteries: 3 lead acid batteries (each 80 V, 300 Ah)

Transmission DANA gearbox with 2 gears (only to shift on full stop). Forward/reverse drive in conjunction with the rotation direction of the electric motor

Axle Front axle with hydro-pneumatic suspension, rear axle without suspension

Tyres 275/70 R22.5

Steering Hydraulic power steering, direct via Orbitrol · All wheel steering

Braking system Dual circuit hydraulic brake, disc brakes on each wheel, fail-safe emergency and parking brake at the rear axle

Electric system 24 V DC, combination of common relays and PLC controllers. Where possible, control logic functions are processed by the PLC

Driver's cab Not liftable, cabin without doors with 2 seats



CHALLENGER 150e
on our website

[READ MORE](#)

trepel.com



DOWNLOAD
this information sheet

PDF FILE

