

Jungheinrich upgrades tough forklifts

Two years after the launch of its series 3 and 4 hydrodynamic drive counterbalance trucks, Jungheinrich used CeMAT to launch an extension of its robust diesel and LPG series.

Featuring lifting capacities of 4, 4.5 and 5 tonnes, these torque converter forklifts are designed for high throughput rates. The strengths of this hydrodynamic truck are particularly pronounced over medium and long outdoor travel routes.

The trucks' Kubota industrial engines have high torque even at low revs. The benefits include a reduction in fuel consumption and a minimum of noise. These robust and mature engines were especially designed for forklifts, providing maximum reliability over many years of use.

The efficiency-optimised

Jungheinrich transmission shaft features an integrated non-wear wet multi-disc brake characterised by its high reliability and low service costs compared with standard drum brakes. Thanks to the encapsulated design, brake performance is not diminished by harsh external conditions. This ensures the truck is well equipped to handle dust and varying climate zones.

The Jungheinrich counterbalance design, which involves keeping the centre of gravity low and centred between the front and rear axles, ensures high residual lifting capacities even at great lift heights plus an unusually high

degree of vehicle stability – both dynamically and at rest. This high vehicle stability, even during dynamic travel, is made possible by a reduction in pendulum motion thanks to the high pivot point of the steering axle, guaranteeing a high level of passive safety and reduced tipping risk – even without the use of electronic assistance systems.

The driver workspace affords generous legroom thanks to the narrow and easily adjustable steering column. The driver seat is well cushioned and offers numerous adjustment options for fatigue-free work. The driver enjoys an ideal view in all directions – made possible by the compact mast which has been optimised for visibility in terms of the hose and chain guides as well as two transparent windows in the free lift cylinder cross-member.

To improve driving comfort and reduce human vibration, the drive train is cushion mounted. The footwell is moreover fitted with a vibration-absorbing foot mat and the driver protection roof is vibration-decoupled. This set of features provides the driver with the ideal prerequisites for safe and focused work to achieve high turnover throughout the shift.

With easy access to the motor compartment, maintenance of the entire vehicle is quick, easy and inexpensive.

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Showing full range

Doosan will be exhibiting its full range of products at IMHX, showcasing 16 trucks live on the stand. The new 25 tonne and 80 volt 4 wheel electric trucks will be unveiled with product introductions and demonstrations taking place throughout the week.

The company says: "Doosan don't just sell trucks, we provide the complete package, ensuring customers are the priority."

The Doosan stand theme is customer focus, "ensuring that the journey and experience with Doosan is first class right from the start".

The stand will be formed of sections,

introducing customers to "The Doosan Way". The pathway through the stand allows visitors to interact with specific trucks dependent on their requirements, understand product developments, leading onto a live Fleet Management System with an interactive display, followed by dedicated After-Sales and Parts area.



Doosan will also host live entertainment from a contemporary British artist who has featured on *The One Show*, *Top Gear* and *Blue Peter*. Visitors will be able to watch live performances and be in with a chance of winning pieces of art work. **Stand 11P61**

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