

## TH-300 FORKLIFT TRUCK

**Lifts 3,000 kilos to a height of six metres. Top performance with low fuel and maintenance costs. 65-horsepower engine**

The TH-300 hydrostatic forklift is a 4x4 model for industrial use. It lifts 3,000 kilos to a height of six metres. It is fitted with a four-cylinder Deutz engine that produces 65 horsepower and a top speed of 24 km/h.

This is a machine especially designed to work hard while travelling over complicated ground conditions such as muddy and rocky areas. Thanks to the large size of its four equal-sized wheels and its high ground clearance, it can easily negotiate potholes, stones, dips, kerbs, etc. without losing stability. Its 4x4 traction can be disconnected whilst on the move when moving on to flatter terrain. It is designed to work outdoors in rain, frost and heat.

Its careful design gives it an excellent weight distribution. This means that it does not require such a heavy counterweight as those fitted to other forklifts on the market, and therefore the engine can run at lower revs and consume less fuel. This is also the thinking behind the savings achieved by fitting the electro hydraulic 4x4 disconnect switch.

All the parts of the TH-300, from the Deutz engine to the in-house manufactured mast are European-made and of the highest quality and have been subjected to the most

*Industrial model equipped with the best components and designed for the highest performance.*



demanding of strength tests. This quality results in reliability. The TH-300 does not malfunction, the cost of maintaining it is extremely low, and this is ensured by installing a minimex system that prevents faults in the hydrostatic system.

These minimex are pressure taps installed along the oil circuit, which allow the user to verify if the working pressure is correct in accordance with the optimal parameters of the hydraulic system. In the remote case of a fault it would be easily located thanks to them. A truck without this installation would require disassembling the entire hydraulic system to make a diagnosis.



Reach 24 km/h in 4x4 mode



Load remains stable in any circumstance



**Minimum maintenance.** Its design is aimed to productivity, profitability and durability. That's why in maintenance terms there is no contest in the market.



**Low consumption.** The electro-hydraulic switch can change the traction on the move. This means an extra saving of fuel that it is already low.



**High power.** The 65 hp of the Deutz engine are transmitted efficiently to the wheels providing great traction and stability.



**Stability.** The excellent weight distribution design and accurate rolling are appreciated in charge control; specially in rough terrain.

Another element included with savings in mind is the tilting cab. It is moved using a gas-cylinder powered mechanism, thereby allowing easy access to the mechanical parts for servicing or repairing it *in situ*. This means that it is not necessary to take the machine to a repair shop and pay for parts to be replaced.

Despite its power, the TH-300 drives easily and comfortably. The cushioning of the silent blocks adds to the suspension of the seat causing the driver can't feel the road bumps. In addition, the movements of the truck are smooth, especially in loading operations thanks to the slow inching approach system.

Wide visibility is an aspect in which safety and comfort converge. The cab - open or closed - and the mast are designed to allow a wide viewing angle. In the case of the closed cabin, the windshield joins the roof in a single piece of curved glass allowing the load to be seen at all times regardless of the height at which it is located.

*It can be equipped with a 3.6 meter duplex mast or a 4.5 5.0 and 6.0 meter triplex mast*



The TH-300 forklift truck can be equipped with air conditioning and heating. The long working hours of the operators seem less when they are made on a comfortable seat, a spacious cabin and a temperature chosen by the user.

Comfort and safety are not incompatible with performance. The TH-300 is an agile truck; it reaches 24 km/h so it can provide a high work rate. It is also robust and durable allowing work in the most adverse conditions without being affected or requiring stops. These characteristics point to the profitability that is the main objective of the machine. The low maintenance cost in relation to benefits makes it a great investment.



Powerful, robust and high performer in rough terrain

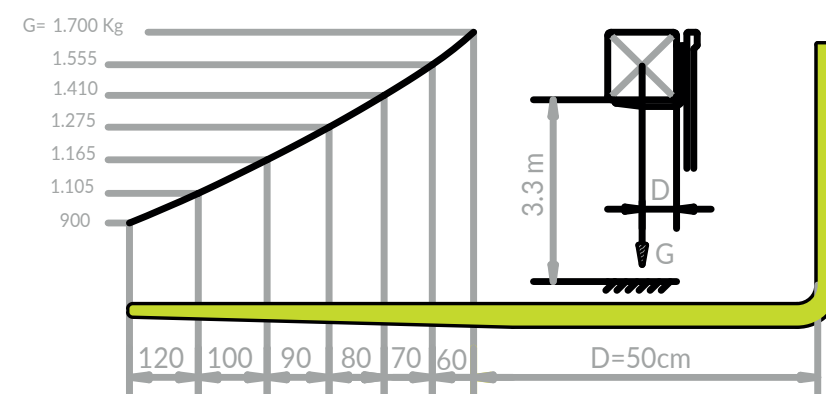


Seat with pneumatic cushioning and spacious cab

## TH-300

GENERAL		Unity
Payload	kg	3,000
Unladen weight	kg	4300 (With 4.5 m triplex mast)
ENGINE		Unity
Model	-	Deutz D201104i
Power	kW / CV	36.5 / 50
Torque	Nm	180
Cubic capacity	cm <sup>3</sup>	3,109
Number of cylinders	-	4
Revolutions per minute	rpm	2,500
Emissions stage	-	IIIA
Alternator	V-A	14 - 60
Cooling	-	Air-Oil
RUNNING		Unity
Gearing	-	1 Forward 1 Reverse Slow approach system
Top speed	km/h	24
Gradeability	%	38
Inner turning circle	mm	1,600
Outer turning circle	mm	4,030
Steering	-	Hydraulic with priority valve
Traction	-	4x4 disconnectable
Brakes	-	Hydrostatic and servo to all 4 wheels. Parking system to front wheels
Wheels	-	12,0/75-18
HYDRAULIC SYSTEMS		Unity
Transmission	-	Rexroth Hydrostatic
Displacement pump		
Flow	l/min	100
Pressure	bar	400
Working pump		
Flow	l/min	37
Pressure	bar	180
TANKS		Unity
Fuel	l	60
Oil	l	60
EQUIPMENT		Unity
Battery	V - Ah	12-110
Mast	m	Duplex 3.6 Triplex 4.5 5.0 y 6.0

## TH-300



MASTS	
Duplex 3.60 m	2,515 mm
Triplex 4.50 m	2,295 mm
Triplex 5.00 m	2,500 mm
Triplex 6.00 m	2,855 mm

