

Make use of the advantages

Ergonomic operator's cab

The comfortable operator's cab helps maximise the operator's work capacity and offers outstanding ergonomics:

- Large visible step provides easy safe entrance and exit from the cab.
- Cushion cab mountings noticeably reduce vibrations and oscillations.
- Deluxe seat can be adjusted in three ways. Air suspension is available as an option.
- Infinitely adjustable steering column.
- Large, comfortable footwell with automotive style pedal layout.
- Hydraulic levers and directional control are ergonomically positioned to the right of the operator.
- Excellent forward visibility through panoramic mast and carriage.
- Clear visible analogue instrument panel has extensive warning and control lights
- The optional deluxe cab provides a warm comfortable operating environment in all weathers

Engines

Large capacity industrial engines, specially designed for the requirements of forklift trucks provide power in every situation:

- 2.6 litre diesel engine (Perkins), developing 43 kW of power with a maximum torque of 160 Nm at 1600 rpm. Clean emissions and quiet combustion by means of indirect injection.
- 3.0 litre gas engine (GM), developing 44 kW of power with a maximum torque of 196 Nm at 1600 rpm.
- Long service life due to robust construction and low engine speed.
- 500 hour servicing interval.
- Standard catalytic converter (TFG) for low emissions (NOx, CO, HC), closed-loop 3-way catalyst is optional.
- Low particulate emissions (DFG), with various optional particulate filter systems.
- 58 litre diesel tank integrated in the chassis.

Hydrostatic drive and control system

The hydrostatic drive system is electrically controlled enabling precise control. 2 gears forward and reverse change automatically with travel speed.

- High productivity in rapid direction change applications.
- VarioControl featuring 5 drive programs; the performance can be adjusted individually.
- Automatic engine speed increase with use of any hydraulic function.
- Single pedal control (accelerator) of travel speed and stopping.
- Optional twin pedal control.
- Low servicing costs due to the hydrostatic drive unit having no wearing parts (clutch, differential, gearbox, brakes).

Electrical system

12 Volt battery with 72 Ah (DFG); 40 Ah (TFG) and 66 A AC alternator. LPG engine with maintenance-free, non-contact electronic ignition.

Tyres

Super elastic tyres as standard. Non-marking SE tyres or pneumatic tyres available as options.

Front axle				Track	Truck
Tyre type	No.	Size	PR	width	width
SE tyres	2	7.00-12	—	990	1170
Pneumatic tyres	2	7.00-12	16	990	1180
SE wide track	2	27x10-12	—	1045	1285
SE twin	4	7.00-12	—	1220	1625
Rear axle				Track	
Tyre type	No.	Size	PR	width	
SE tyres	2	6.50-10	—	938	
Pneumatic tyres	2	6.50-10	10	938	

Steering

Hydrostatic steering provides low effort shock free steering, for maximum operator comfort and safety. The steer axle with integrated steering cylinder is fixed to the chassis through rubber bushes.

Brake

The hydrostatic truck abandons the need for a conventional brake. Only in emergencies should the brake pedal be depressed:

- Complete wear-free hydrostatic braking.
- Hydrostatic braking eliminates the need to use the brake pedal, accelerator pedal controls acceleration and braking.
- Additional oil immersed multi-disk parking brake with spring actuation requires no maintenance.
- No roll feature – Automatic handbrake engages when forklift is stationary or if the engine is switched off.

Hydraulic system

The high performance filter system ensures clean oil and therefore the long service life of all the components:

- Suction filter and filter in the return line.
- 58 litre hydraulic tank integrated in the chassis.
- The hydraulic tank is vented through a filter.
- Pressure limiting valves prevent excessive pressure and overloads.

Mast

All components of the mast are designed for excellent visibility, high stability and a long service life:

- Slim line mast sections with lift cylinders hidden behind, give an excellent field of view for safe operation.
- Visibility through the carriage is excellent.
- Carriages comply with FEM/ISO-2328-2A.

Options

Various special options and mounted equipment are available for adapting to a range of application requirements or customer wishes.

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