



8.63TL

WHEEL LOADER

TELESCOPIC ARM



DIESEL ENGINE

Engine: 4 cylinders, common rail, water cooled, with EGR, DOC and SCR.

Emissioned according to Directive CE 97/68 stage IV.

Type	DEUTZ TCD 3.6
Max Power	100kW - 136 HP
Rated rpm	2.200
Net power ISO/TR 14396	100 kW - 136 HP
Net power EEC/80/1269	100 kW - 136 HP
Bore	mm 98
Stroke	mm 120
Displacement	cm ³ 3.620

ELECTRIC SYSTEM

Battery	12 Volt
Capacity EN 60095-1	110 Ah - 800 A
Alternator rating	96 A
Reverse warning	Standard
Wiring according to	IP 67 e DIN 40050

TRANSMISSION

Venieri electronic powershift VEPS with electronic management. Six automatic forward speeds and three automatic reverse speeds.

	Max Speed
1 st Gear	0÷6
2 nd Gear	0÷9
3 rd Gear	0÷14
4 th Gear	0÷25
5 th Gear	0÷28
6 th Gear	0÷40

AXLES

Four wheel drive. Planetary final drives on each wheel. Fixed rigid drive axle on front chassis section.

Oscillating drive axle on rear chassis section up to a total angle of 18°. Self-locking limited slip differential on front axle (optional on rear axle).

BRAKES

Service: hydraulic multi-disc oil brake on front and rear axles.

Parking brake: mechanical disc brake manually actuated.

TYRES

Standard agricultural tires	460/70 R24
Agricultural tires optional	500/70 R24
Industrial tires optional	405/70 24

STEERING

Servo assisted steering hydraulic LOAD SENSING system.

Total steering angle	90°
Inner tyres turning radius	mm 1.936
External tyres turning radius	mm 4.306
External bucket turning radius	mm 4.790

HYDRAULIC SYSTEM

Hydraulic gear pump with LOAD SENSING priority valve for steering circuit and gear pump for auxiliary function. Modular distributor Flow Sharing with main relief valve. Double-acting hydraulic cylinders. Hydraulic oil cooling radiator. Full-flow oil filter on the leakage pipe.

Servo-controlled joysticks with all proportional controls.

Max flow	lt/1'	140
Loader relief valve pressure	bar	250
Steering relief valve pressure	bar	175

TELESCOPIC ARM

Telescopic boom with Z-bar linkage and compensation system to ensure parallelism.

Anti-tipping device and safety block valves.

Telescopic boom cylinder with brake.

Ride control on request.

SERVICES CAPACITIES

Engine	lt	8
Front axle	lt	9,2
Rear axle	lt	9,1
Hydraulic circuit	lt	150
Brake system	lt	0,9
Fuel	lt	160
Water cooling	lt	9
AdBlue	lt	26

TECHNICAL FEATURES

Operative load with forks EN474-3 (80%) - telescopic retracted..... kg 3.200

Maximum loading height with forks - telescopic extended

mm 5.255

Hinge pin height - telescopic extended

mm 5.470

Hinge pin height - telescopic retracted.....

mm 4.070

DIMENSIONS AND WEIGHT

Max lenght in transfer position with STD bucket..

mm 6.555

Max width in transfer position

mm 2.430

Max height

mm 2.710

Track width - standard tyres

mm 1.870

Overall standard tyre width

mm 2.340

Wheel base

mm 2.550

Ground clearance

mm 290

Max operative weight

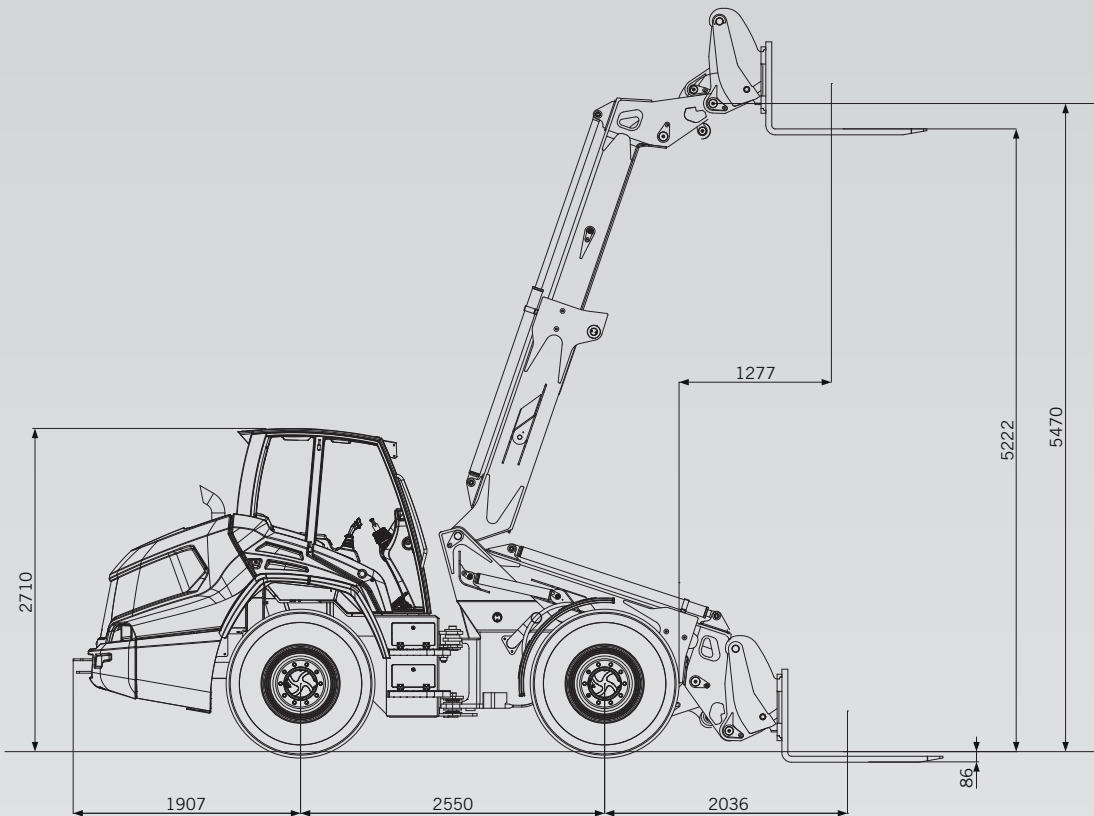
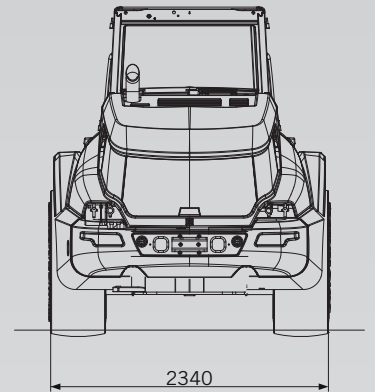
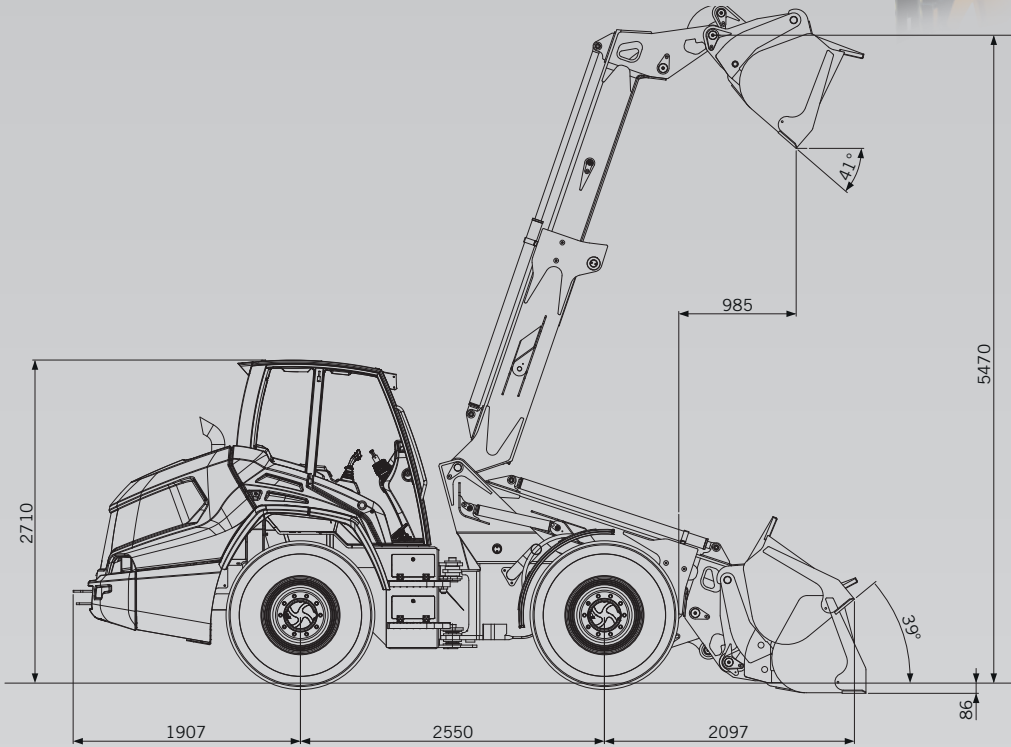
kg 8.200



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