

ENGINE EQUIPMENT

Cast iron engine flywheel casing.

Electronic idling control.

Without engine Power Take Off.

Electronic speed limiter (90 km/h).

CLUTCH

CLUTCH 430 GD 900 (430 MFZ with Optidriver).

Cerametallic single plate. Air assisted hydraulic actuation.

Automatic adjustment.

GEARBOX

ZF 16S 1830 TO

16 forward synchronised gears and 2 reverse gears (13.8 - 0.84). Aluminium casing. Air splitter unit with pre-selection valve on the lever. Super H gear selection grille.

Gear change assist by SERVOSHIFT. Cable controls.

Economical driving assistance (DMS - Driving Monitoring System).

Gearbox oil cooler, oil/water heat exchanger

RETARDER

OPTIBRAKE:

Combination of the exhaust brake and valve compression braking, coupled to service brake and managed electronically with a power of 330 kW at 2300rpm.

POWER TAKE-OFFS

Without gearbox mounted PTO

STEERING

Right hand drive.

Hydraulic steering box with variable step-down power assistance.

Integral hydraulic power assisted steering (1 independent circuit and 1 pump).

AXLE

Front load capacity (technical max.): 8 t

REAR AXLES

PMR 3361 Tandem axle

32 tonnes capacity, double reduction by bevel gearing and reducers in the hubs (3.46)

Rear axle ratio 20 x 27 (ratio 1.35).

WHEELS AND TYRES

G.315/80 R 22.5 MSS2 / MSD2

Steel disc wheels

Spare wheel with jack, delivered loose.

BRAKING

Service brake:

Drum :

Diameter: 410 mm., Front width: 175 mm.

Rear width: 200 mm., Brake lever: 170 mm.

Surface area of linings: 14,805 mm².

Electronic management of air production by EAC (Electronic Air Control): Dryer cartridge optimised by preventive maintenance., Compressor: Dual-cylinder, 636cm³ controlled by EAC (Electronic Air control) Disengageable., Max. flow: 660 litres/min at 2000rpm (compressor)., Ratio: 1.31

Semi-trailer brake, Air hoses with ISO heads.

EBS, 7-channel electricity cable

15-channel trailer electricity cable., 15 pin, 2x7 pin plug.

Parking brake:

With air control, immobilisation ensured by spring cylinders.

Hand brake valve.

Braking capacity greater than 70 tonnes.

Park brake on three axles.

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Provided by the parking brake function.

CAB

Cab exterior:

All steel Cab, electro-zinc plated and cataphoretic paint treatment.

Sleeper Cab (2.2m)

Cab paint colour: WHITE Glacier

Aerated front grille with closing strap.

Anti-spray deflectors

Steel 3-part frt moulding integrating a retractable windscreen access step, a grille and radiator protection.

Four point mechanical cab suspension.

Hydraulic cab tilt.

2 manually adjustable external rear view mirrors.

Air intake ducting on left side of roof.

Retractable additional access step to windscreen

Access to driving position by 2 stepwell steps.

Step lighting.

External sun visor

Tinted and laminated windscreen and windows.

Rear cab window.

2 orange rotating beacons

Cab interior:

Standard roof.

Upper storage areas, 2 compartments (50l) with net covers.

Radio CD : Tuner FM / AM, CD player. 2 HP 130mm

Woofers, 2 HP19mm Tweeter .

Remote controls at steering wheel.

CB pre-equipment.

Without tachograph

Manually operated roof hatch.

Air-suspended driver's seat with fitted seat belt.

Grab handles

Soft door lining

Oddments tray in doors.

Adjustable passenger seat

Air blower socket on gearshift console.

Cab lighting time-delay.

Curtains around cab.

1 bunk (2/3 - 1/3) 2022 x 780 x 150 mm.

First-aid box

Electrically operated door windows

Reinforced cab sound insulation

Air conditioning for dusty conditions.

Handbook and Service pack in English Export.

Steering wheel equipment:

Steering column lock.

2-speed windscreen wipers with incorporated wash jets and intermittent wipe.

OPTIBRAKE and retarder control.

Steering wheel with air controlled height and rake adjustment.

Instrument panel:

Odometer in miles and kms

12 V + 24 V socket on dashboard, for accessories.

Removable ashtray and cup holders

Raised engine tunnel.

ELECTRICAL EQUIPMENT

Battery capacity: 170 Ah

24V voltage supplied by two batteries.

High amp fuse box in battery box.

External Master switch

Alternator : 110 amp capacity.

Lighting to EEC standards.

Electrical headlamp levelling control.

Headlamp protection grille.

Front fog lights.

Rear signalling lighting.

Coupling light (70W).

CHASSIS

Side member profile 300 x 90 x 8 mm.

Sidemember reinforcements 5 mm.

Standard rear overhang, pre-drilled for bodybuilder

Removable front towing yoke (25 tonnes), can be unlocked by 1/4 turns.

Chassis rear closing crossmember.

Towing and manoeuvring yoke

Bullbar

Fifth wheel support H = 80mm.

Fifth wheel position: Y = 312 mm

Rear manwalk.

Cyclonic heavy duty air filtration system.

Chassis frame protection by grey coloured epoxy paint.

SUSPENSION

Front suspension

SUSPENSION

Front suspension

Front parabolic 2-leaf springs (8 tonnes).
Front anti-roll bar.

Rear suspension:

Rear semi-elliptic leaf springs.
Stabiliser bar
Telescopic shock absorbers.
For very uneven road use: 32T capacity
8x4 Rigid: 11 leaf elliptic/Rigid & tractor 6x4-6x6-8x8: 9 leaf elliptic
For dirt track uses: capacity is increased to 38T in 4 leaf parabolic version

FUEL TANK

Main steel tank: 415 litres capacity. (348 kg of diesel)

D- shaped 560.

Filler cap locking with key

Heavy duty fuel prefilter (R120), reinforced on chassis.

STANDARD EQUIPMENT

Side exhaust.

Tool kit.

Warning triangle.

Reversing warning buzzer, including night switch.

BODYWORK

Provision for bodybuilder interface.

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GEARBOX RATIOS

1P	1G	2P	2G	3P	3G	4P	4G	5P	5G	6P	6G	7P	7G	8P	8G
13.80	11.54	9.49	7.93	6.53	5.46	4.57	3.82	3.02	2.53	2.08	1.74	1.43	1.20	1.00	0.84

PERFORMANCE

Engine speed at 90 km/h: 1793 rpm