

AL 520 EIMCO ELECON Loader Specification

ENGINE

Make	Cummins India Ltd.
Model	B 5.9 - 150 C 31
Type	TCIC Engine
Bore	102 mm
Stroke	120 mm
No. of Cylinder	6
Displacement	5.8 Ltrs.
Rated Power	150 hp @ 2200 rpm
Max Torque	650 Nm @ 1500 rpm

HYDRAULICS

Gear pump with two-way control valve with primary and secondary safeguard, servo-assisted joystick controls with float position for lifting cylinders.

Operating Pressure	210 bar
Flow@2200 rpm	160 l/min

ELECTRICAL

System Voltage	24 V (2 x 12V Batteries)
Charging Alternator	90 A

TRANSMISSION

ZF make Hydrodynamic Powershift 4 speed Automatic Transmission with Automatic as well as Manual Shifting Switches.

Gear Ratios :	
Forward	4.012 - 2.024 - 1.088 - 0.619
Reverse	3.804 - 1.919 - 1.031

DRIVE

Epycyclic Hub Reduction Axles	
Make & Model :	Graziano PR 10 Front / PR 10 Rear
Overall Ratio	20.197:1
Gradability	60%
Oscillation	±11°
Max. Speed kmph	40

TYRE

Standard	17.5 x 25 - 20 PR (Heavy Duty)
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BRAKES

Service Brake F/R	Wet Disc Brake
Total Braking Area cm ²	4713 x 2 per axle
Parking Brake	SAHR Disc Brake, Switch Operated

STEERING SYSTEM

Articulated frame. Hydrostatic power steering system provides smooth, responsive steering control at any speed

Max. Steering angle	± 38°
Turning Radius	5685 mm

SERVICE CAPACITIES

Hydraulic System	105 litres
Fuel Tank	172 litres
Engine Oil	15.4 litres
Transmission	30 litres
Rear Axle	29 litres
Front Axle	29 litres

CABIN

Comfortable & High visibility cabin fitted with door, side window & safety glasses all around.

