



EIMCO ELECON

822 LHD

Underground Metal
Mining Equipment



Technical Specifications :

Main Dimensions

Total Length	: 6,520 mm
Width over tires	: 1,680 mm
Maximum Width	: 1,680 mm
Height With Canopy	: 2,130 mm

Operating Weights

Total Operating Weights	: 8,500 kgs.
Front Axle	: 2,975 kgs.
Rear Axle	: 5,525 kgs.

Loaded Weights

Toal Loaded Weights	: 11,500 kgs.
Front Axle	: 8,050 kgs.
Rear Axle	: 3,450 kgs.

Capacities

Tramming Capacity	: 3,000 Kgs.
Breakout Force, Lift	: 6,253 Kgs.
Breakout Force, Tilt	: 7,590 Kgs.
Tipping Load	: 6,600 Kgs.
Standard Bucket	: 1.5 m3

Driving Speeds Forward and Reverse (Loaded)

0 to 15 km/h

Turning Radius

Inner Turning Radius	: 1,925 mm
Outer Turning Radius	: 4,030 mm
Turning Angle	: 45°

Steering System

Steering Cylinder	: Two, Double acting cylinders
Steering Control	: Pilot operated joystick steering control

Cycle Times

Lifting Arm Raising time	: 5.2 s
Lifting Arm Lowering time	: 3.4 s
Bucket Dumping time	: 4.4 s

Power Train :

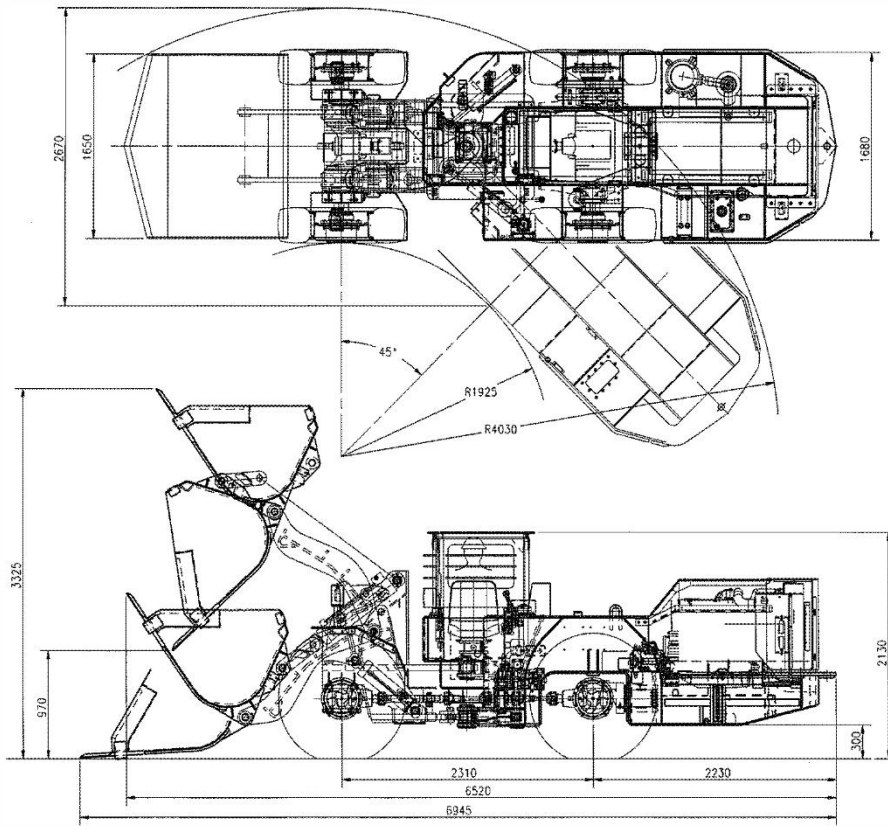
Engine	
Diesel Engine	Deutz TCD2013L04
Output	71.5 kW (96 Hp) @ 2300 rpm
Torque	370 Nm @ 1550 rpm
Number of Cylinder	In Line 4
Displacement	4.8 Litre
Cooling System	Liquid cooled
Combustion Principle	Four Stroke
Air Filtration	Dry Type
Electric System	24 V
Fuel tank Capacity	225 litre
Exhaust System	Fume diluter with Catalytic purifier
Gear Box	
Dana 311	Gear drive ratio 2.46:1
Transmission	
Rexroth A4VG90, Rexroth A6VM107	Hydrostatic transmission with forward and reverse
Axles	
Front Axle	Dana 123 no spin differential, fixed
Rear Axle	Dana 123 no spin differential, fixed
Axle oscillation	± 8°

Standard Brakes	
➤	Dynamic braking through the hydrostatic transmission.
➤	Service Brake : Liquid cooled (LCB) multi-disc brakes on all wheels with two separate circuits for the front and rear axles with accumulator reserve.
➤	Parking brake : Spring applied hydraulically released (SAHR) enclosed disc brake mounted on the both axles.
Tyres	
Tyre Size	12.00 × 20 L5S, 20 PLY
Air Pressure, Front	6.5 Bar
Air Pressure, Rear	6.5 Bar

Driving Speed Performance :

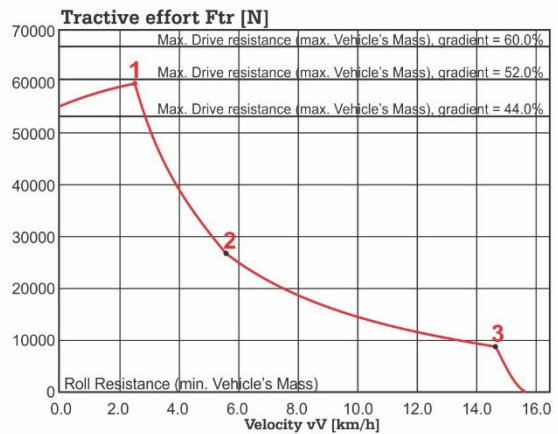


General Arrangement Layout :



NOTE :-

- All dimensions are in mm and are variable within ±5
- The manufacturer reserves the right to change the Specification and/or design of this machine at an time without notice.



For further details, please contact



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