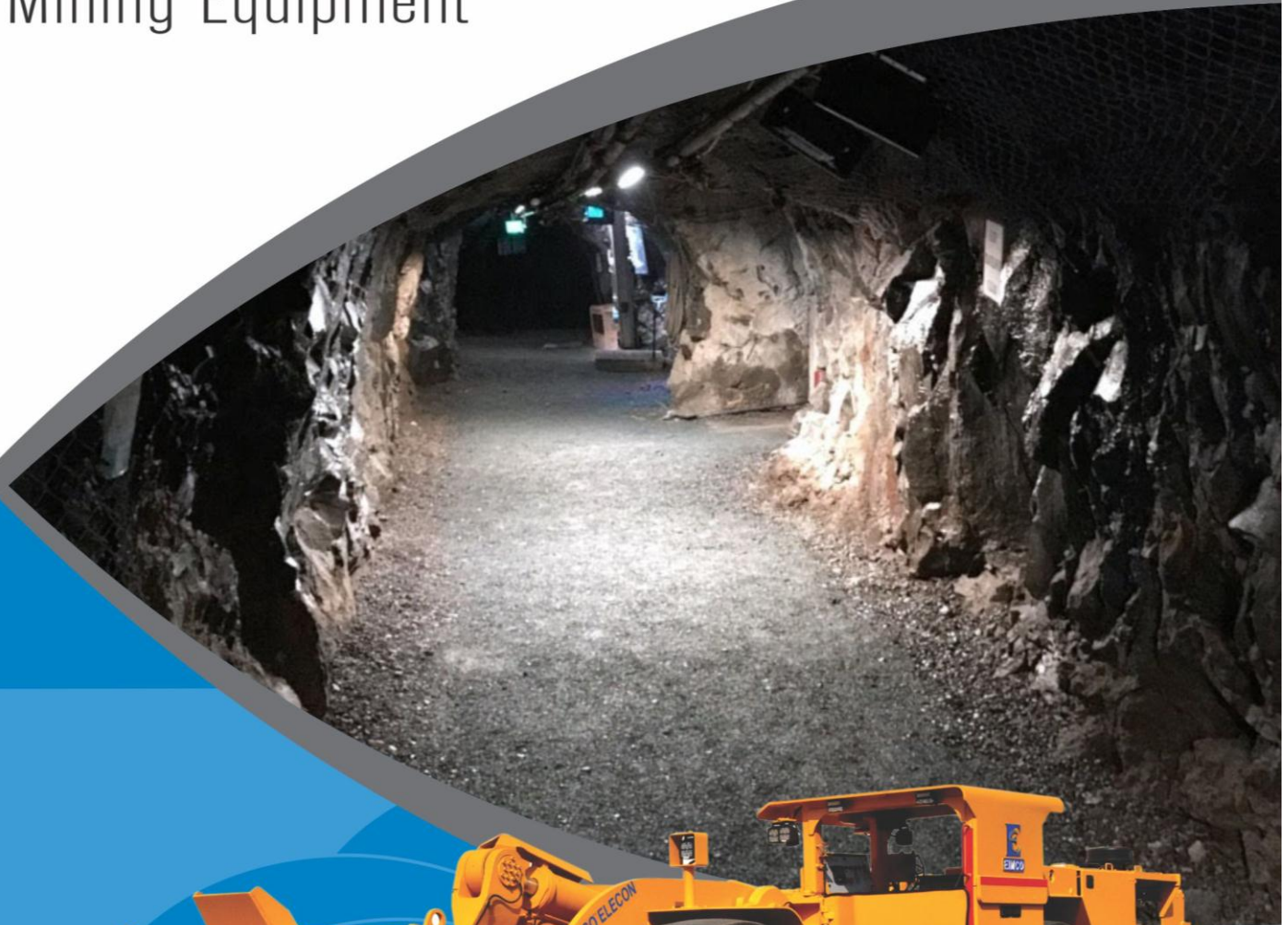




EIMCO ELECON

910 LHD

Underground Metal
Mining Equipment



www.eimcoelecon.in

Technical Specifications :

Main Dimensions

Total Length	: 10435 mm
Maximum Width	: 2500 mm
Height with Safety Canopy	: 2550 mm
Over all Height (Fully Raised)	: 5040 mm

Turning Radius

Inner Turning Radius	: 3260 mm
Outer Turning Radius	: 6830 mm
Turning Angle	: 43°

Operating Weights

Total Operating Weights	: 30,000 Kgs.
Front Axle	: 12,850 Kgs.
Rear Axle	: 17,150 Kgs.

Loaded Weights

Total Loaded Weights	: 40,000 Kgs.
Front Axle	: 27,500 Kgs.
Rear Axle	: 12,500 Kgs.

Capacities

Tramming Capacity	: 10,000 Kgs.
Breakout Force, Lift	: 14,750 Kgs.
Breakout Force, Tilt	: 18,000 Kgs.

Bucket Size

Capacity (SAE Heaped) m ³	3.8	4.2	4.5 (STD)	5	5.5
Material Density t/m ³	2.6	2.4	2.2	2.0	1.8

Bucket Function Control

- Electronically Controlled Pilot Operated Joystick for Bucket Rollback & Lift Operations.

Cycle Times

Lifting Arm Raising Time	: 6.95 s
Lifting Arm Lowering Time	: 4.75 s
Bucket Rollback Time	: 3.13 s
Bucket Tipping Time	: 2.35 s

Power Train :

Engine	
Diesel Engine	Volvo TAD853VE (MSHA - Approved Tier-3)
Output	235 KW (320 HP) @2200 RPM
Torque	1310 Nm @ 1450 RPM
No of Cylinder	Inline 6
Displacement	7.7 Litre
Cooling System	Liquid Cooled
Air Filtration	Dry Type
Electric System	24 V
Fuel Tank Capacity	400 Litre
Exhaust System	Fume Diluter with Silencer
Up-Box	
Kessler	Ratio 1 : 1
Transmission	
DANA Make	MHR36420, Electronically Controlled - APC312
Axles	
Front Axle	Kessler D102, Limited Slip Differential, Fixed
Rear Axle	Kessler D101, No Spin Differential, Oscillating ± 10°

Brakes	
➤	Service brakes are spring applied hydraulically released liquid cooled wet disc brakes on all wheels.
➤	Service brakes also function as an emergency and parking brake.
Steering System	
Steering Cylinder	Two Nos., Double Acting Type
Steering Control	Electronically Controlled, Pilot Operated Joystick Steering
Tyres	
Tyre Size	18 x 25 L5
Air Pressure, Front	7 Bar
Air Pressure, Rear	6 Bar

Driving Speed Performance :

Forward and Reverse Speed

<u>Gear</u>	<u>Unladen (Km./Hr.)</u>	<u>Laden (Km./Hr.)</u>
1 st	4.4	4.4
2 nd	9.4	9.2
3 rd	15.9	15.7
4 th	27.0	26.5



Electric System :

24 V, 80 Amps. Alternator
2 X 12V, 150 Ah Batteries
4 Front and 2 Rear Work Lights (LED)

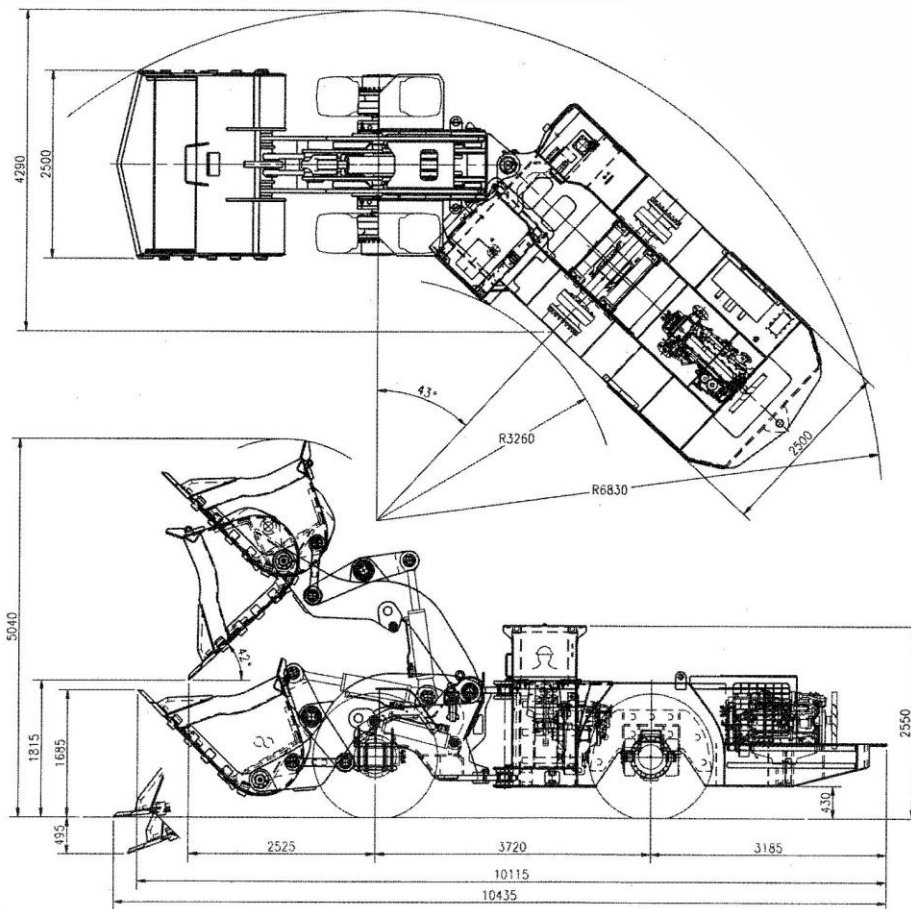
Fluid Type and Capacity :

Hydraulic Fluid : ISO VG 68 - 400 Litre
Transmission Oil : C3 SAE 30 - 60 Litre
Brake Cooling Oil : API GL-4 (Total Make) - 80 Litre
Engine Fuel : High Speed Diesel - 400 Litre

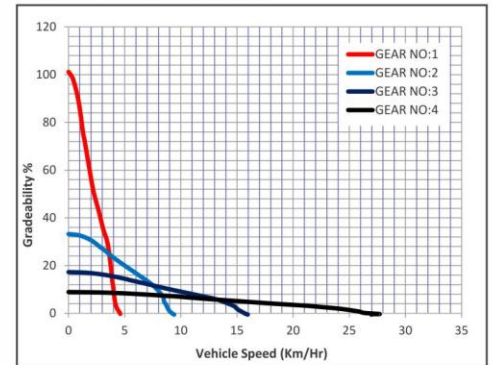
Other Features :

- Rear view Camera with Infra Red Night Vision LED
- Centralized Lubrication System (Automatic)
- Handheld Fire Extinguisher - 4 Kgs (Dry Powder Type)
- ROPS/F OPS (Virtual) Operator's Canopy

General Arrangement Layout :



Tractive Efforts at Wheels



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 any time without notice.

For further details, please contact



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