

SPECIFICATIONS

RM1ESKU

PERFORMANCE & GEAR RATIOS

GVW Rating : 18,000 kg

PARTICULAR	DETAILS	
Max Speed Km/H	122	
Gradeability (Tan ϕ) %	48.3	
Transmission Gear Ratio	MODEL	ZF6S1900BO
	1st	6.317
	2nd	3.621
	3rd	2.147
	4th	1.369
	5th	1.000
	6th	0.810
Rear Axle Carrier	Reverse	5.811
	MODEL	SH 18
	Ratio	3.583

ENGINE

HINO E13C UT (EURO 3)

Max Output (JIS Gross)	287kW (390 PS) at 1,800 rpm
Max Torque (JIS Gross)	1950 Nm (199kgf.m) at 1,100 rpm
Type	Diesel, turbocharged intercooler, 4 cyc., vertical, 6-cyl., in-line, overhead camshaft, Direct injection type
Piston Displacement	Electronic Control Common rail Injection
Bore & Stroke	12.913 L
	137 x 146

CLUTCH

Type	Dry single plate with damper spring with auto adjuster
Control	Hydraulic with air booster
Diameter	430 mm

TRANSMISSION

Type	Six (6) forward and one (1) reverse speed direct drive, synchromesh 1st - 6th, with intergrated retarder
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FRONT AXLE

Type	Reversed Elliot, "I" section beam
Capacity	6,500 kg

REAR AXLE

Type	Full-floating, single reduction, single speed by hypoid gearing
Capacity	12,000 Kg

BRAKE

Type	"S" Cam brake, internal expanding, leading and trailing shoes, acting on all wheels
Service Parking	Full air, dual circuits with Anti-lock Brake System (ABS) Spring acting on rear wheels for emergency and parking purpose, manual control

STEERING

Type	Telescopic and tilt steering column with locking device, recirculating ball with hydraulic booster integral type
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SUSPENSION

Front	2 pistons type bellow suspension with double acting shock absorber and stabilizer
Rear	4 pistons type bellow suspension with double acting shock absorber and stabilizer

WHEEL & TYRE

Wheel Type	8 - stud disc wheels
Rim Size	8.25 x 22.5
No. of Tyres	Seven (7) including one spare tyre
Tyre Size	12R22.5 - 16PR

FUEL TANK

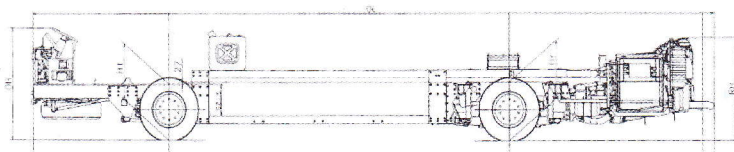
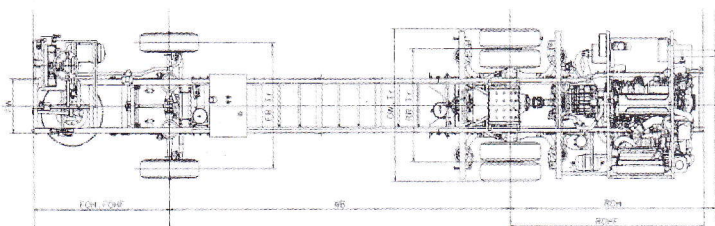
Capacity	350 Litres
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ELECTRICAL EQUIPMENT

Batteries	Two (2) x 12 volt , series connection
Capacity	150 A.h at 20-hour
Alternator Type	With built-in rectifier and separate voltage regulator
Capacity	24V , 90A + 120A

DIMENSION AND WEIGHT

Chassis Mass	kg	6,080
Wheelbase	mm	6,000
Overall Length	mm	11,985
Overall Width	mm	2,455
Front Overhang (at frame end)	mm	2,400
Rear Overhang (at frame end)	mm	3,380
Front Track	mm	2,040
Rear Track	mm	1,820
Turning Radius (On Tire)	mm	9,500



Note
All specifications of the products are with normal manufacturing allowances and tolerances. Hino Motors, Ltd. reserve the right to alter specifications at any time without previous notice. Figures of axle capacity can be changed by the operating conditions and specifications of equipments concerned. When selecting optional equipment, consult Hino technical staff as the adaptation of some of the optional equipment on production line may require an extra lead time.