

AW LEAFLET FM8JNLD
SIZE : 21 x 29.7 cm.
FRONT



FRONT

SPECIFICATIONS OF HINO 10 WHEELS TRUCK • MODEL FM8JNLD

Type 6x4

PERFORMANCE & GEAR RATIOS

Model		FM8JNLD
Max.speed km/h		102
Gradeability (%)		40.2
Gear ratios	Crawler	12.728
	1st	8.829
	2nd	6.281
	3rd	4.644
	4th	3.478
	5th	2.538
	6th	1.806
	7th	1.335
	8th	1.000
Rev	12.040	
Rear axle gear ratio		5.428

ENGINE

Model	HINO J08E-UD
Max.output (EEC Net)	184 kW (251 PS) at 2,500 rpm
Max.torque (EEC Net)	739 N.m (75.4 kgf.m) at 1,500 rpm
Type	Diesel, 4-cyc, vertical, 6-cyl. In-line, overhead-camshaft, water-cooled, turbo intercooler
Fuel injection pump	Electronic control, commonrail type
Combustion system	Direct injection type
Bore and stroke	112 x 130 mm
Piston displacement	7,684 cc
Compression ratio	18.0
Engine emission	Euro 3

CLUTCH

Type	Dry single plate, hydraulic control with air booster
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TRANSMISSION

Type	ZF 9S1110TD
Nine forward and one reverse speeds, direct drive, synchromesh 1st-8th	

REAR AXLE

Type	Full-floating single reduction, hypoid gears, tandem axle, dual drive with inter-axle differential
Axle capacity	21,000 kg

FRONT AXLE

Type	Reversed Elliot "I" section beam
Axle capacity	6,500 kg

SERVICE BRAKES

Type	Hydraulic system, leading trailing shoes for front and rear acting on all wheels with air drier
Control	Air over hydraulic, dual circuits

PARKING BRAKE

Type	Mechanical, internal-expanding, acting on transmission output shaft
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EXHAUST BRAKE

Type	Electric-pneumatic with valve in exhaust pipe
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STEERING

Type	Recirculating ball with hydraulic booster
Gear ratio	20.2

SUSPENSION

Front	Semi-elliptic leaf springs with shock absorbers
Rear	Semi-elliptic leaf springs with torque rods

WHEELS AND TIRES

Wheel type	8-stud disc wheels, 7.50Vx20
Tire size	10.00-20-16PR

FUEL TANK CAPACITY

CHASSIS FRAME	200 L
CAB	Ladder-shaped, channel section side rails "J"

ELECTRICAL EQUIPMENT

Batteries	Two, series-connection, each 12 V, 120 A.h at 20-hour rate
Alternator	24 V, 50 A
AIR CONDITIONER	Denso (Standard installation from factory) R134a

Description			FM8JNLD	
Gross vehicle weight (GVW)	kg		25,000	
Chassis weight	Front	kg	2,835	
	Rear	kg	3,850	
	Total	kg	6,685	
Turning radius	Tire	mm	9,100	
	Swept	mm	9,825	
Road clearance (at diff. case)	mm		255	
Seating capacity			3	

DIMENSIONS

(mm)

Model	A	B	C	D	E	E'	F	G	H	I	J	K
FM8JNLD	4,780	8,525	2,460	2,695	3,975	6,325	2,350	1,030	1,070	1,930	1,855	870

A - Wheelbase

B - Overall length

C - Overall width

D - Overall height

E - Cab to rear axle

E' - Cab to end frame

F - Rear overhang

G - Frame height at front axle

H - Frame height at rear axle

I - Front tread

J - Rear tread

K - Chassis width

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(Option)

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BACK