

AW LEAFLET FM1AKLA
SIZE : 21 x 29.7 cm.



SERIES

5

FM1A

FM1AKLA





EURO 3

FRONT

SPECIFICATIONS OF HINO 10 WHEELS TRUCK TRACTOR • MODEL FM1AKLA

Type 6x4

PERFORMANCE & GEAR RATIOS

Model		FM1AKLA	
		Hi-Torque	Hi-Speed
Max.speed km/h		102	110
Gradeability (%)		23.0	21.2
Gear ratios	Crawler	9.479	
	1st	6.576	
	2nd	4.678	
	3rd	3.478	
	4th	2.617	
	5th	1.890	
	6th	1.345	
	7th	1.000	
	8th	0.752	
Rev	8.967		
Rear axle gear ratio		5.250	4.875

ENGINE

Model

Max.output (EEC Net)

Max.torque (EEC Net)

Type

Fuel injection pump

Combustion system

Bore and stroke

Piston displacement

Compression ratio

Engine emission

HINO A09C-TH

253 kW (344 PS) at 1,900 rpm

1,274 N.m (130 kgf.m) at 1,100 rpm

Diesel, 4-cyc, vertical, 6-cyl, In-line, overhead-camshaft, water-cooled, turbo intercooler

Electronic control, commonrail type

Direct injection type

112 x 150 mm

8,866 cc

17.0

Euro 3

CLUTCH

Type

Dry single plate, hydraulic control with air booster

TRANSMISSION

Type

ZF 9S1310TO

Nine forward and one reverse speeds, over drive, synchromesh 1st-8th

REAR AXLE

Type

Full-floating single reduction, hypoid gearings

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

AUXILIARY BRAKE

Type

Engine retarder

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, 7.50x22.5

Tire size

11R22.5-16PR

FUEL TANK CAPACITY

400 L

CHASSIS FRAME

Ladder-shaped, channel section side rails "J"

CAB

All steel, welded construction, laminated glass applied

ELECTRICAL EQUIPMENT

Batteries

Two, series-connection, each 12 V, 120 A.h at 20-hour rate

Alternator

24 V, 60 A

AIR CONDITIONER

Denso (Standard installation from factory) R134a

ACCESSORIES

Transmission PTO

Description			FM1AKLA	
Gross combination weight (GCW)		kg	50,500	
Vehicle weight (Incl. wind deflector, fifth wheel)	Front	kg	3,690	
	Rear	kg	4,040	
	Total	kg	7,730	
Turning radius	Tire	mm	7,600	
	Swept	mm	8,325	
Road clearance (at diff. case)	mm	250		
Seating capacity		2		

DIMENSIONS

(mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
FM1AKLA	4,030	6,615	2,495	3,500	1,330	995	1,080	350	1,375	2,070	1,900	1,935	1,855	870

A - Wheelbase

B - Overall length

C - Overall width

D - Overall height

E - Rear overhang

F - Frame height at front axle

G - Frame height at rear axle

H - Kingpin offset

I - Fifth wheel height

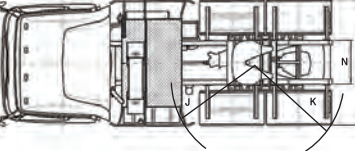

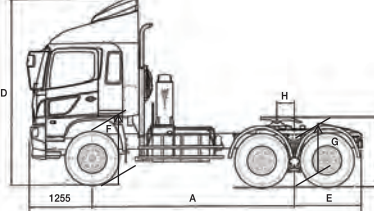

J - Front fitting radius

K - Lower fitting radius

L - Front tread

M - Rear tread


N - Chassis width



Hino Motors Sales (Thailand) Ltd.

Tel. 0-2900-5000 Hotline : 0-2900-5260

E-mail : info@hinothailand.com http://www.hinothailand.com



2




ISO 9001:2000

ISO 14001:2004

ISO 9001:2000

HINO HOTLINE SERVICE 0-2900-5260

(Option)



Doc. No.L-FM1ATT HI-0708 (Eng.)

BACK