# LOUISVILLE LNT9000 Diesel





VEHICLE MASS LOAD RATINGS (kg) Standard Cross-Ply Tyres

GVM — Plated	22860	)	23060	24900			
GCM — Plated	45000 <sup>1</sup> 544		00 <sup>2</sup>	81000 <sup>3</sup>			
Front Axle		5780 (6000) <sup>6</sup>					
Front Tyres (X-Ply)		5620 (	14 PR)				
Front Suspension	6000						
Front Rating		56	20				
Rear Axle	18000 (SP40G)	20000 (SSHD)	20900 (SSHD) 4				
Rear Tyres (X-Ply)	17440 (12 PR)	19280 (14 PR)	17440 (12 PR)	19280 (14 PR)			
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Ro	d — AC6S)4			
Rear Rating	1724	0	17440	19280			

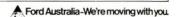
VEHICLE MASS LOAD BATINGS (kg) Badial Dly Tyres

GVM — Plated	23020	23240	260004			
GCM — Plated	45000¹	54400²				
Front Axle	5780	6000	06			
Front Tyres (Radial)		6000 (16	6 PR)			
Front Suspension	6000					
Front Rating	5780	6000				
Rear Axle	18000 (SP40G)	20000 (SSHD)	20900 (SSHD) 5			
Rear Tyres (Radial)		21040 (1	6 PR)			
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Rod — AC6S) <sup>5</sup>			
Rear Rating	17240		20900			

### NOTES:

- 1. GCM STANDARD WITH ALL ENGINES
- 2. NTC350 & SSHD 4.33:1 ONLY (4.33 AVAILABLE AS O.S.O. OR NSVAR) NTC350 & SSHD 4.87:1 ONLY (4.87 AVAILABLE AS 0.S.O. OR NSVAR) 4.87:1 RATIO (82 KMH @ 2100 RPM) MANDATORY FOR NASSRA ROAD
- 4. NTC350 & SSHD /6 ROD ONLY
- 5. 20900 KG BATING ONLY WITH SSHD /6 BOD COMBINATION
- 6. NTC350 ONLY

		CUMMINS					D.D.A.									
ENGINE (*SAE J816b	Gross)	F3	00BC	III		NT	C350C	111		Silv	er 310	1		Sil	ver 350	(DEALER SETTING
* Gross Power kW (HP)			900 R				1 (350 100 RF				(310) 000 RP				1 (350) 100 RP	
* Gross Torque Nm (lb.ft.)		1356 (1000) @ 1300 RPM				1593 (1175) @ 1300 RPM			1383 (1020) @ 1200 RPM			1383 (1020) @ 1200 RPM				
Torque Rise %		21				34				16			13			
Displacement (litre)		14.0				14.0				9.05			9.05			
Configuration		6 Cyl.				6 Cyl.				V6			V6			
REAR AXLES - ROO	KWEL	L														
SP40G		STD				STD			STD			STD				
Ratio		3.73				3.73			3.73			3.73				
SSHD		OPT				OPT			OPT			OPT				
Ratio			3.9			3.9				3.9			3.9			
TRANSMISSION - E	ATON	FULL	ER													
RTF-11609A		STD				N/A				N/A			N/A			
RT-11609A		N/A				N/A				STD			STD			
RTF-14615A			N/A STD				N/A				N/A					
TRANSMISSION RAT	IOS															
GEAR RATIOS LOW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	REVE	RSE
RT-11609A 12.65	8.38	6.22	4.57	3.40	2.46	1.83	1.34	1.00							3.89	13.22
RTF-11609A 12.65	8.38	6.22	4.57	3.40	2.46	1.83	1.34	1.00							3.89	13.22
RTF-14615A																
— Low —		11.89		7.08		0.70			1.07	. 00					2.76	
— High —	9.96	7.63	5.90	4.54	3.5/	2.19	2.14	1.05	1.21	1.00					15.33	



### STANDARD EQUIPMENT AXLE FRONT

Ford I Beam: Oil filled hubs Beam Capacity; see Ratings.

### REAR AXLE

Rockwell SP40G: Full floating: Hypoid/Amboid single reduction Positive pressure filtered lubrication. Ratios - Refer power train

combination chart: Ring gear pitch diameter 381 mm.

Capacity: 18000 kg.

Interaxle differential with air actuated lock.

#### BRAKES

Service: Dual circuit air system; Three high pressure air reservoirs; Dual air pressure gauge; Low air pressure warning buzzer and light.

Compressor Cummins — 0.37 m3 min (13.2 CFM) DDA Silver - 0.43 m<sup>3</sup> min

(15.5 CFM) Size: Front 381 x 102 mm 'S' cam actuated. Rear 420 x 178 mm 'S'

cam actuated. Total Lining area: 7884 cm<sup>2</sup>. Park Brake: Axle mounted spring set (Anchorlock) on both rear axles

with dash mounted control. Trailer Brake: Steering column mounted hand control with air and

electric connections back of cab. CHASSIS

 Single channel section 260 × 79 × 9.5 mm; High tensile. material 758000 kPa. Section modulus 260 cm<sup>3</sup>. ☐ Fifth wheel mounting angles

(excluding 6 Rod suspension). CLUTCH

Spicer twin plate organic discs; Coaxial spring dampened; Auto Adjust: Mechanical actuated: Clutch Brake.

Size 394 mm diameter:

Facing area 3008 cm<sup>2</sup>.

### DRIVELINE ☐ Spicer 1810 Series with glidecote

solines ☐ Interaxle shaft: 1710 series with glidecote splines.

### ELECTRICAL

12 Volt negative earth system. Batteries: 4 x 6 volt 158 Amp Hr capacity

Alternator: Leece Neville: Cummins - 85 Amp capacity. DDA Silver - 100 Amp Capacity

Quartz Halogen Headlamps -12V 60/55W capacity; Park lamps; Cab clearance lights: Front direction indicators: Rear combination stoptail-turn and reversing lamps;

Number plate lamp. ☐ Circuit Protection: Circuit breakers

 Dual air horns, Single electric horn

☐ Instruments: Electronic speedometer/odometer; Electronic tachometer, Engine - Oil pressure Water temperature: Oil temperature:

**MARCH 1985** 

Transmission — Oil temperature: Rear Axle - Front and rear diff. oil temperature; Fuel gauge; Voltmeter; Dual air pressure gauge:

☐ Warning lights: Engine oil pressure; Water temperature; Low air pressure with warning buzzer and circuit prove-out feature through ignition switch: Diff lock-out control: High beam indicator: Hazard warning lights.

### **ENGINES**

Features - Full flow replaceable oil filter; Spin-on-by-pass oil filter for Cummins engines

☐ Air Cleaner: 406 mm Donaldson Cyclopac with safety element and restriction indicator Cooling: Cross flow radiator with

bolted stainless steel header tanks: 6700 cm2 Area: Reinforced Silicone Rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner on Cummins engines

Cooling fan: Horton fan clutch. Engine control: Push button start with ignition key shut down. (Except

Silver-mechanical shut down.) • 

Exhaust: Single vertical muffler and pipe on LHS. Remote mounted.

### ☐ 2 x 379 litre cylindrical aluminium tanks mounted on chassis frame. FRONT SUSPENSION

Asymmetric leaf spring; 10 leaf; Size: 1320 x 102 mm

Capacity: 3000 kg per spring. Shock absorbers: Double acting telescopic

### REAR SUSPENSION

☐ Hendrickson: RT 380 with steel walking beams. ☐ Capacity: 17240 kg.

## STEERING

☐ Ross HFB-64 Direct driven Integral power steering. ☐ Ratio 23.4:1

504 mm diameter steering wheel. Adjustable steering column.

### TRANSMISSION

□ Eaton Fuller — (See Engine Power Train Combination Chart for useage).

□ P.T.O.: 6 Bolt SAE pattern opening

on RH side. Heavy duty 8 Bolt SAE pattern opening at bottom. WHEELS □ 20 ins. Diameter 5 spoke front

### and 6 spoke rear cast spider and hub assemblies.

□ 20 × 7.5 — 3 piece demountable type - 11 supplied.

TYRES ☐ Front: 10.00 x 20 — 14 PR — 2

supplied. ☐ Rear: 10.00 x 20 — 12 PR — 8 supplied

### CUSTOM CAB

☐ All steel constructed cab with a tilting engine cover of reinforced fibreglass.

Features - National Cush-N-Air Low Back drivers seat with air suspension/height adjustment: National companion Low Back fixed passengers seat; Lap seat belts both driver and passenger.

Adjustable steering column. 100% washable polypropylene loop pile carpet: Full door trim panels; Arm rests on both doors; Provision for log book storage and beverage stand. Padded headlining: Dual padded interior sun visors: Fascia crush pad: Coat hook: Ashtray and cigarette lighter.

☐ Climate control — Fresh air vent - RH lower inner side panel; Heater Demister with 3 speed blower variable temperature control and 4 position air control; Front Qtr vent windows ☐ Laminated windscreen: Dual self

parking windscreen wipers; Electric windscreen washers. Mirrors: West Coast type.

Cab finish: Electrocoat under coating with baked enamel finish.

### **OPTIONAL EQUIPMENT** REAR AXLE ☐ Rockwell SSHD: Full floating:

Hypoid single reduction; Positive pressure filtered lubrication. ☐ Ratios: Refer power train combination chart; Ring gear pitch diameter 422 mm

Capacity: 20900 kg. □ Interaxle differential with air actuated lock

Available with Rockwell 6 Rod or Hendrickson RT380 suspensions. □ Transmission oil cooler combined option when power train combination includes RTF14615 transmission on NTC 350 and 400.

### REAR SUSPENSION

☐ Hendrickson: E4-380: 4 spring suspension with SP40G axles only. Capacity: 17240 kg

Rockwell: 6 Rod: 2 spring heavy duty suspension with SSHD axles only. Capacity: 20900 kg.

## **ENGINE EQUIPMENT**

☐ Jacobs engine brake (All Engines) TYRES

☐ Rear Tyres: 10.00 x 20 — 14 PR - 8 supplied.

☐ Spare Tyre: 10.0 x 20 — 12 PR; 10.00 × 20 - 14 PR; 11R × 22.5 -16 PR Radial

## RADIAL PLY TYRES

☐ Tyres: 11R × 22.5 — 16 PR Front/Rear

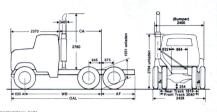
☐ Rims: 8.25 x 22.5 one piece drop centre demountable type QUAD FUEL TANKS

 □ 2 x 273 litre tanks mounted on LHS and RHS, in addition to the 2 x 363 litre standard, with steps

· Denotes changes.

# LOUISVILLE LNT9000 Diesel





### DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
4720 WB	3048	1900	7315	18.9 m
*Wall to Wall				

### MASS DATA

WB	Front	Rear	Total
4720	3988	3637	7625
4720	3950	3760	7710
4720	3827	3418	7245
	_	- 130	- 130
	_	+ 174	+ 174
	_	+ 196	+ 196
passenger. Kerb ma			
	4720 4720 4720	4720 3998 4720 3950 4720 3827	4720 3988 3637 4720 3950 3760 4720 3827 3418 

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