

# NLR 150

**ISUZU**  
TRUCKS  
For the long run

## ENGINE

Model		4JJ1-TC
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		COMMON RAIL
Emmision Standard		Euro 2
No. of Cylinders		4
Bore x Stroke	(mm)	95 x 105
Displacement	(cm <sup>3</sup> )	2 999
Compression Ratio	(:1)	18.3
Output	(kW @ r/min)	96 @ 2 800
Output	(hp @ r/min)	129 @ 2 800
Torque	(Nm @ r/min)	330 @ 1 600 - 2 700
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP AND SECONDARY FILTER
Filtration - oil:		SINGLE

## CLUTCH

Diameter	(mm)	300
Total Friction Area	(cm <sup>2</sup> )	846
Operation		HYDRAULIC CONTROL

## TRANSMISSION

Make / Model		MYY5T
Type		5 Speed synchromesh
Controls		Manual Gearshift
Crawler Gear Ratio	(:1)	N/A
1st Gear Ratio	(:1)	5.315
2nd Gear Ratio	(:1)	3.053
3rd Gear Ratio	(:1)	1.655
4th Gear Ratio	(:1)	1.000
5th Gear Ratio	(:1)	0.721
Reverse Gear Ratio	(:1)	5.068

## PERFORMANCE

Maximum Speed ( Calculated )	(km/h)	133
Gradeability @ V in 1st Gear (low range)	(%)	59

## SUSPENSION

<b>Front</b> : Multi Leaf Spring	YES
Stabiliser bar	YES
Shock Absorbers - Double acting	YES
<b>Rear</b> : Multi Leaf Main Spring with Helper Spring	YES
Stabiliser bar	NO
Shock Absorbers - Double acting	YES

## BRAKES

System		VAC / HYD
Park Brake		TRANSMISSION
Front		DISC
Rear		DRUM
ABS		STANDARD
ASR		STANDARD
Auxillary		EXHAUST BRAKE
Auto Slack adjusters		STANDARD
Total Friction Area Front	(cm2)	877.6
Total Friction Area Rear	(cm2)	1077

## STEERING

Operation		POWER
Ratio	(:1)	22.6
Adjustable Steering		YES

## CAB

Control		FORWARD
Adjustable Drives Seat		YES
Air Suspension Drive Seat		NO
Fixed Assistants Seat and Centre Seat		YES
Heater and Demister		YES
Cigarette Lighter (24V)		YES
Tilt		YES
Tilt Torsion Bar Assistance		YES

## WHEELS & TYRES

Type		RADIAL
Tubeless single piece rim		YES
Tyre Size (Front)		195/75 R16C
Tyre Size (Rear)		195/75 R16C
Wheel Size (Front)		5.5J
Wheel Size (Rear)		5.5J
No. of Studs		5

## FUEL TANK (Lockable)

Capacity	(Litres)	63
Lockable Fuel Tank Cap		YES

## FRONT AXLE

Model		F029
Type : Reverse "Elliot" I-Beam		Yes
Full Floating Axle Control Type		-

## REAR AXLE

Model		F292
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	4.100

## ELECTRICAL SYSTEM

System Voltage	(V)	24
Alternator	Amp	50
Starter Motor	kW	4
Batteries		2 X 12V 65Ah

## AIR INTAKE

Intake		RR Vertical
Primary Air Filter		YES
Secondary Air Filter		NO
Make:		DONALDSON
Service Indicator		NO

**DIMENSIONS (mm)**

OL – Overall Length	4 730
OW – Overall Width	1 770
OH – Overall Height	2 150
WB – Wheelbase	2 475
FOH – Front Overhang	1 110
ROH – Rear Overhang	1 145
BW – Rear Axle Width	1 669
FT – Front Track	1 475
RT – Rear Track	1 240
EH – Chassis Rear End Height	760
CWF - Front Chassis Width	740
CWR – Rear Chassis Width	700
HH – Rear Ground Clearance	200
CE – Cab to Chassis End	3 167
CA – Cab to Axle	2 022
GP – Minimum Body Gap	225
Turning Circle (curb to curb)	10.54

**MASS DATA (kg)**

Manufacturer's GVM	4 200
Permissible Gross Mass (V)	4 200
Manufacturer's GCM	7 050
Permissible Combination Mass (D/T)	7 050
Front Axle Tare Mass	1 390
Rear Axle Tare Mass	550
Total Tare Mass	1 940
Gross Axle Mass Load - Front (GA1)	2 900
Gross Axle Mass Load - Rear (GA2)	5 000
Permissible Axle Load - Front (A1)	1 950
Permissible Axle Load - Rear (A2)	3 700
Tyre Capacity - Front	1 950
Tyre Capacity - Rear	3 700
Approx. Body & Payload	2 260

**WARRANTY**

New Vehicle	24 MONTHS / UNLIMITED KM
Cab Corrosion	36 MONTHS / UNLIMITED KM

**OPTIONAL**

Aircon	AVAILABLE
PTO Fail Safe system	Compulsary fitment to any operation that requires a PTO
Radio / CD / (24V)	AVAILABLE
Techo Graph	AVAILABLE

**MISCELLANEOUS EQUIPMENT**

Jack, warning triangle, basic tool kit	YES
Owners handbook & service hand booklet	YES
Rear Chevron board	YES

Specifications correct at time of publish. E & OE.

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