

N-SERIES

NPS 300 4X4



BASIC DESCRIPTION

Nominal Payload Capacity 3 TONNER

ENGINE

Model 4HK1-TCN
Type Turbocharged & Intercooled
Fuel Injection Common Rail
No of Cylinders 4
Bore x Stroke (mm) 115 x 125
Displacement (cm³) 5,193
Compression Ratio (:1) 18.5
Output (kW @ r/min) 110 @ 2,600
Torque (Nm @ r/Min) 404 @ 1,500

CLUTCH

Type Single Dry Plate
Diameter (mm) 325

TRANSMISSION

Model MYY5T
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 (km/h) 104
Gradeability (%) 80

SUSPENSION

Front / Rear Tapered Leaf Springs

BRAKES

System VAC / HYD
Front / Rear Drum / Drum

STEERING

Ratio (:1) 18.8 – 20.9
Operation Power

CAB

Control Forward
Tilt Yes

WHEELS & TYRES

Tyre Size (Front / Rear) 7.50 R16-12PR
Wheel Size (Front / Rear) 6.0 GS

FUEL TANK

Capacity (Litres) 100

FRONT AXLE

Model F028

REAR AXLE

Model F320
Final Drive Ratio (:1) 5.125

ELECTRICAL SYSTEM

System	(v)	24
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DIMENSIONS (mm)

Overall Length	(OL)	5,985
Overall Width	(OW)	1,995
Overall Height	(OH)	2,455
Wheelbase	(WB)	3,365
Front Overhang	(FOH)	1,110
Rear Overhang	(ROH)	1,510
Rear Axle Width	(BW)	2,115
Front Track	(FT)	1,680
Rear Track	(RT)	1,650
Chassis Rear End Height	(EH)	975
Front Chassis Width	(CWF)	850
Rear Chassis Width	(CWR)	850
Rear Ground Clearance	(HH)	210
Cab to Chassis End	(CE)	4,302
Cab to Axle	(CA)	2,792
Minimum Body Gap	(GP)	115

MASS DATA (kg)

Gross Vehicle Mass	(GVM)	6,000
Permissible Gross Mass	(V)	6,000
Gross Combination Mass	(GCM)	9,500
Permissible Combination Mass	(D/T)	9,500
Front Axle Tare Mass	(kg)	1,830
Rear Axle Tare Mass	(kg)	960
Total Tare Mass	(kg)	2,790
Gross Axle Mass Load - Front	(GA1)	2,800
Gross Axle Mass Load – Rear	(GA2)	6,600
Permissible Axle Load – Front	(A1)	2,800
Permissible Axle Load – Rear	(A2)	5,600
Tyre Capacity – Front		2,900
Tyre Capacity – Rear		5,600
Approx. Body & Payload		3,160

STANDARD ACROSS THE N-SERIES RANGE

- All engines are turbocharged and Intercooled
- 4 Cylinder common rail engines
- Hydraulically assisted single clutch plate
- The suspension is semi-elliptical, alloy steel tapered leaf spring system with double acting telescopic shock absorbers
- Park brake acts on the transmission
- Power steering with tilt & telescopic adjustment
- Cab tilt feature
- Radial tyres
- 24 Volt electrical system
- ABS on all models, except on NPS 4x4
- All Models are covered with an industry-leading 24 month, unlimited mileage warranty

NOTES

- The Smoother models referred to as AMT (Automated Manual Transmission) are electronically controlled clutchless manual, not a full automatic transmission.
- Isuzu Trucks SA has a 24 hour, 365 days a year roadside assistance.
- Visit our website at www.isuzutrucks.co.za