

N-SERIES

NPR 400 "SMOOTHER"



BASIC DESCRIPTION

Nominal Payload Capacity 4 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		Multiple Wet Plates
Diameter	(mm)	325

TRANSMISSION

Model		MYY6S (AMT)
1 st Gear Ratio	(:1)	5,979
2 nd Gear Ratio	(:1)	3,434
3 rd Gear Ratio	(:1)	1,862
4 th Gear Ratio	(:1)	1,297
5 th Gear Ratio	(:1)	1,000
6 th Gear Ratio	(:1)	0,759
Reverse Gear Ratio	(:1)	5,701

PERFORMANCE

Maximum Speed	(km/h)	116
Gradeability	(%)	32

SUSPENSION

Front / Rear Tapered Leaf Springs

BRAKES

System	HBB
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	F031
-------	------

REAR AXLE

Model		F320
Final Drive Ratio	(:1)	4.556

ELECTRICAL SYSTEM

System	(v)	24
--------	-----	----

DIMENSIONS (mm)

Overall Length	(OL)	6,635
Overall Width	(OW)	1,995
Overall Height	(OH)	2,255
Wheelbase	(WB)	3,815
Front Overhang	(FOH)	1,110
Rear Overhang	(ROH)	1,710
Rear Axle Width	(BW)	2,115
Front Track	(FT)	1,680
Rear Track	(RT)	1,650
Chassis Rear End Height	(EH)	845
Front Chassis Width	(CWF)	850
Rear Chassis Width	(CWR)	850
Rear Ground Clearance	(HH)	195
Cab to Chassis End	(CE)	4,952
Cab to Axle	(CA)	3,242
Minimum Body Gap	(GP)	115

MASS DATA (kg)

Gross Vehicle Mass	(GVM)	7,500
Permissible Gross Mass	(V)	7,500
Gross Combination Mass	(GCM)	11,000
Permissible Combination Mass	(D/T)	11,000
Front Axle Tare Mass	(kg)	1,740
Rear Axle Tare Mass	(kg)	920
Total Tare Mass	(kg)	2,660
Gross Axle Mass Load - Front	(GA1)	3,100
Gross Axle Mass Load – Rear	(GA2)	6,600
Permissible Axle Load – Front	(A1)	2,900
Permissible Axle Load – Rear	(A2)	5,600
Tyre Capacity – Front		2,900
Tyre Capacity – Rear		5,600
Approx. Body & Payload		4,840

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