

NPS 300 4X4 SWA

ISUZU
TRUCKS
For the long run

ENGINE

Model		4HK1-TCN
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		COMMON RAIL
Emmision Standard		Euro 2
No. of Cylinders		4
Bore x Stroke	(mm)	115 x 125
Displacement	(cm ³)	5 193
Compression Ratio	(:1)	18.5
Output	(kW @ r/min)	110 @ 2 600
Output	(hp @ r/min)	148 @ 2 600
Torque	(Nm @ r/min)	404 @ 1 500 - 2 600
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP AND SECONDARY FILTER
Filtration - oil:		SINGLE

CLUTCH

Diameter	(mm)	325
Total Friction Area	(cm ²)	966
Operation		HYDRAULIC CONTROL

TRANSMISSION

Make / Model		MY5T
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
Transfer Case Ratio		1.842

PERFORMANCE

Maximum Speed (Calculated)	(km/h)	104
Gradeability @ V in 1st Gear (low range)	(%)	80

SUSPENSION

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

BRAKES

System		VAC / HYD
Park Brake		TRANSMISSION
Front		DRUM
Rear		DRUM
ABS		N/A
ASR		N/A
Auxillary		EXHAUST BRAKE
Total Friction Area Front	(cm2)	921.6
Total Friction Area Rear	(cm2)	1340

STEERING

Operation		POWER
Ratio	(:1)	18.8-20.9
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)		10R17.5
Tyre Size (Rear)		10R17.5
Wheel Size (Front)		7.5
Wheel Size (Rear)		7.5
No. of Studs		6

FUEL TANK (Lockable)

Capacity	(Litres)	100
Lockable Fuel Tank Cap		YES

FRONT AXLE

Model		FD028
Type : Reverse "Elliot" I-Beam		-
Full Floating Axle Control Type		Yes

REAR AXLE

Model		F320
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	5.125

ELECTRICAL SYSTEM

System Voltage	(V)	24
Alternator	Amp	50
Starter Motor	kW	4
Batteries		2 X 12V 70Ah

AIR INTAKE

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

DIMENSIONS (mm)

OL – Overall Length	5 985
OW – Overall Width	1 995
OH – Overall Height	2 480
WB – Wheelbase	3 395
FOH – Front Overhang	1 110
ROH – Rear Overhang	1 510
BW – Rear Axle Width	2 040
FT – Front Track	1 786
RT – Rear Track	1 786
EH – Chassis Rear End Height	1 000
CWF - Front Chassis Width	850
CWR – Rear Chassis Width	850
HH – Rear Ground Clearance	235
CE – Cab to Chassis End	4 302
CA – Cab to Axle	2 792
GP – Minimum Body Gap	115
Turning Circle (curb to curb)	12.36

MASS DATA (kg)

Manufacturer's GVM	6 200
Permissible Gross Mass (V)	6 200
Manufacturer's GCM	9 500
Permissible Combination Mass (D/T)	9 500
Front Axle Tare Mass	1 880
Rear Axle Tare Mass	920
Total Tare Mass	2 800
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)	4 240
Tyre Capacity - Front	4 240
Tyre Capacity - Rear	4 240
Approx. Body & Payload	3 400
Approach Angle (4x4 Specific)	31.8°
Break-over Angle (4x4 Specific)	148.8°
Departure Angle (4x4 Specific)	24.5°

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.

January 2013