

FSR 750 CREW AMT



ENGINE

Model		6HK1-TCN
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		Common Rail
Emmision Standard		Euro 3
No. of Cylinders		6
Bore x Stroke	(mm)	115 x 125
Displacement	(cm ³)	7 790
Compression Ratio	(:1)	16.8
Output	(kW @ r/min)	176 @ 2 400
Output	(hp @ r/min)	236 @ 2 400
Torque	(Nm @ r/min)	706 @ 1 450 - 2 600
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP PLUS SECONDARY FILTER
Filtration - oil:		SINGLE

CLUTCH

Diameter	(mm)	NA
Total Friction Area	(cm ²)	NA
Operation		AUTOMATED HYDRAULIC CONTROL

TRANSMISSION

Make / Model		MZW6P
Type		6 Speed synchromesh
Controls		Manual Gearshift
Crawler Gear Ratio	(:1)	N/A
1st Gear Ratio	(:1)	6.615
2nd Gear Ratio	(:1)	4.095
3rd Gear Ratio	(:1)	2.358
4th Gear Ratio	(:1)	1.531
5th Gear Ratio	(:1)	1.000
6th Gear Ratio	(:1)	0.722
Reverse Gear Ratio	(:1)	6.615

PERFORMANCE

Maximum Speed (Calculated)	(km/h)	120
Gradeability @ V in 1st Gear (low range)	(%)	36.3

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	NO

BRAKES

System
Park Brake
Front
Rear
ABS
ASR
Auxillary
Auto Slack adjusters
Total Friction Area Front
Total Friction Area Rear
Retarder

AOH
REAR WHEELS
DRUM
DRUM
STANDARD
NO
EXHAUST BRAKE
STANDARD
2325
2325

STEERING

Operation
Ratio
Adjustable Steering

POWER
16.1-18.8
YES

CAB

Control
Adjustable Drives Seat
Air Suspension Drive Seat
Fixed Assistants Seat and Centre Seat
Heater and Demister
Cigarette Lighter (24V)
Tilt
Tilt Torsion Bar Assistance

FORWARD
YES
YES
YES
YES
YES
NO
YES

WHEELS & TYRES

Type
Tubeless single piece rim
Tyre Size (Front)
Tyre Size (Rear)
Wheel Size (Front)
Wheel Size (Rear)
No. of Studs

RADIAL
YES
265/70R19.5
265/70R19.5
19.5x6.75
19.5x6.75
8

FUEL TANK (Lockable)

Capacity
Lockable Fuel Tank Cap

(Litres)
200
Yes

FRONT AXLE

Model
Type : Reverse “Elliot” I-Beam
Full Floating Axle Control Type

F050
Yes
-

REAR AXLE

Model
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange
Final Drive Ratio

R090
Yes
4.555

ELECTRICAL SYSTEM

System Voltage
Alternator
Starter Motor
Batteries

(V)
Amp
kW
24
60
5
2 X 12V 70Ah

AIR INTAKE

Intake
Primary Air Filter
Secondary Air Filter
Make:
Service Indicator

RR Vertical
YES
YES
DONALDSON
NO

DIMENSIONS		(mm)
OL – Overall Length		9 155
OW – Overall Width		2 200
OH – Overall Height		2 690
WB – Wheelbase		5 560
FOH – Front Overhang		1 170
ROH – Rear Overhang		2 425
BW – Rear Axle Width		2 225
FT – Front Track		1 810
RT – Rear Track		1 700
EH – Chassis Rear End Height		928
CWF - Front Chassis Width		840
CWR – Rear Chassis Width		840
HH – Rear Ground Clearance		221
CE – Cab to Chassis End		6 398
CA – Cab to Axle		3 973
GP – Minimum Body Gap		123
Turning Circle (curb to curb)		18.21
MASS DATA		(kg)
Manufacturer's GVM		13 500
Permissible Gross Mass (V)		13 500
Manufacturer's GCM		18 000
Permissible Combination Mass (D/T)		18 000
Front Axle Tare Mass		2 650
Rear Axle Tare Mass		1 520
Total Tare Mass		4 170
Gross Axle Mass Load - Front (GA1)		5 000
Gross Axle Mass Load - Rear (GA2)		9 000
Permissible Axle Load - Front (A1)		5000
Permissible Axle Load - Rear (A2)		9000
Tyre Capacity - Front		5 000
Tyre Capacity - Rear		9 440
Approx. Body & Payload		9 330
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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