

SPECIFICATIONS

Trax

Model		GURKHA	JUDO	CRUISER	SCPU	DCPU	DV	AMBULANCE
Drive								
	4WD	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	2WD	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	LHD	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	RHD	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Engine								
Diesel								
	OM 616 D-98 NA (Euro-II)	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	TD 2400 FT1 TCIC (Euro-II)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	TD 2650 FT1 TCIC (Euro-II/III)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CNG								
	OM 616(C) (Euro-II)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Transmission								
	G1-18/5	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Transfer case- 4WD								
	Two speed manual	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Body								
	Canopy	Optional	Optional	Optional	Not available	Not available	Not available	Not available
	Metal top	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Clutch								
	Single plate, dry friction, hydraulically actuated (silent 3 stage) - diameter (mm)	228	228	240	240	240	228	228
Front axles								
	Rated capacity (kg)	1050	1050	1050	1050	1050	1050	1050
	Independent suspension	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Rear axle								
	Rated capacity (kg)	1300	1450	1700	1700	1700	1700	1700
	Drive ratio	4.9 : 1	4.4 : 1	4.4 : 1	4.4 : 1	4.4 : 1	4.4 : 1	4.4 : 1
	Live rigid	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Steering								
	Power assisted recirculating ball type	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Turning circle radius(m)	5.6	6.3	7.0	7.0	7.0	7.0	7.0
Chassis								
	Tubular ladder	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Brakes								
Service brake								
	Dual circuit, hydraulic, vacuum assisted	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Front brake								
	Disc	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Rear brake								
	Drum	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Parking brake								
	On rear wheels cable operated	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Suspension								
Front suspension								
	Independent torsion bar	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Hydraulic telescopic shock absorbers	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Antiroll bar	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Rear suspension								
	Leaf springs	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Hydraulic telescopic shock absorbers	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Antiroll bar	Standard	Standard	Not available	Not available	Not available	Not available	Not available

Model		GURKHA	JUDO	CRUISER	SCPU	DCPU	DV	AMBULANCE
Wheels								
	Disc	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Tyres								
	7 R 15	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	7 R 16	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	7.50 R 16	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Weights (Kg)								
	GVW	2350	2500	2750	2750	2750	2750	2750
	Payload	—	—	—	1030	1050	950	—
	Including driver	7	10	14	3	5	3	Twin stretcher
Seating								
Dimensions (mm)								
	Wheel base	2400	2750	3050	3050	3050	3050	3050
	Overall length	4132	4232	4832	5032	4832	4832	4832
	Overall width	1660	1660	1660	1660	1660	1660	1660
	Overall height	2050	2055	2055	2105	2105	2055	2055
	Front track	1440	1390	1390	1390	1390	1390	1390
	Rear track	1450	1400	1400	1400	1400	1400	1400
	Ground clearance	220 TO 235 mm depending on tyre size						
	Front overhang	707	707	707	707	707	707	707
	Rear overhang	1025	775	1075	1275	1075	1075	1075
Cargo Box (mm)								
	Length	—	—	—	2525	1510	2000	—
	Width	—	—	—	1610	1602	1475	—
	Height	—	—	—	546	546	1230	—
Fuel tank capacity (Litre)								
	Diesel	63	63	63	63	63	63	63
	CNG	45	45	45	Not available	Not available	Not available	Not available
Battery								
	Lead acid 75 Ah	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Lead acid 100 Ah	Optional	Optional	Optional	Optional	Optional	Optional	Optional
OPTIONALS								
	Air conditioner	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Heater & demister	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Front differential lock	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Rear Differential lock	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Power take off	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Power windows	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Seat belts (front)	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Head rest	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Tinted glasses	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Metallic paint	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Air intake snorkel	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Cab protector	Not available	Not available	Not available	Standard	Standard	Not available	Not available
	Audio system	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Bull bar	Optional	Optional	Optional	Optional	Optional	Optional	Optional

FML RANGE OF ENGINES & TRANSMISSIONS

ENGINE

Model	OM 616 D-98 NA	TD 2400 FTI TCIC	TD 2650 FTI TCIC	TD 3250 FTI TCIC	OM 616 (C)	TD 499 LC (M)	TD 2600 F *	TD 1950 F *	TD 1800 F *
Fuel	Diesel	Diesel	Diesel	Diesel	CNG / LPG	Diesel	Diesel	Diesel	Diesel
Emission Status	Euro II	Euro II	Euro II / III	Euro II	Euro I / II	Euro I	EPA Tier II	EPA Tier II	EPA Tier II
No. of Cylinders	4	4	4	5	4	1	4	3	4
Bore(mm)	90.9	90.9	90.9	90.9	90.9	85.0	90.9	90.9	78
Stroke (mm)	92.4	92.4	100	100	92.4	87.8	100	100	94
Capacity (cc)	2399	2399	2596	3245	2399	499	2596	1947	1797
Comp ratio	21 : 1	21 : 1	18:1	18:1	11:1	21.1	18.5:1	18.3:1	18.55:1
Max.H.P.@RPM	72	90	80	100		10	45 - 50	35 - 40	25 - 30
Max. Torque	140	180	195	250	135	25	160	120	100
RPM	4000	4250	3200	3200	4000	2000	2200	2200	2200
Oil Sump Capacity (Litre.)	6.5	6.5	6.5	6.5	6.5	1.75	5.5	5.5	5

* AGRI. TRACTOR APPLICATION

TRANSMISSION

Models	G1-18/5	G1-5/24	4 DS 10/2
Type	Synchromesh	Synchromesh	Synchromesh
No. of Speeds	6	6	5
Gears	5 Forward & 1 Reverse	5 Forward & 1 Reverse	4 Forward & 1 Reverse
Gear ratios			
1 st gear	6.157	6.015	4.10:1
2 nd gear	3.148	3.327	2.28:1
3 rd Gear	1.743	1.849	1.37:1
4 th Gear	1.278	1	0.87:1
5 th Gear	1	0.745	Not available
Reverse gear	5.347	6.015	3.90:1