

BUILT FOR ROUGH TERRAIN

Rough Terrain Forklift 1.8-5.0ton



Rough Terrain Forklift Introduction

2WD

Strong flexibility
in rough terrain

100% differential lock.



Compact 4WD



Patented self-designed axle & transmission, compact size meet with European standard.

4WD

Superior performance
in extreme conditions

Traditional technology while imported key components: DANA integrated trans-axle, Sauer Danfoes hydrostatic system, tilting cabin.



Rough Terrain Forklift Introduction

Engine

World renowned brands engine for superior performance.

MITSUBISHI S4S

Rated output 35.3kw/2250rpm >

Rated torque 182N.m/1800rpm >



YANMAR 4TNE88

Rated output 42.1kw/2300rpm >

Rated torque 198.3N.m/1700rpm >



PERKINS 1104C-44TA

Rated output 74.5kw/2300rpm >

Rated torque 415N.m/1350rpm >



Floating System

A superior full floating overhead guard is installed with rubber damping instead of the traditional rigid design. This greatly reduces machine vibration and offers a smoother ride over rough terrain and reduces operator fatigue.



Wide-view Mast

Wide-view mast provides excellent through-the-mast visibility improving the work efficiency and allowing safe operation of the forklift.



High Quality Tyres

Industrial tyres with a wide footprint giving it greater stability and lift capacity in rough work environments.



High Ground Clearance

Offer greater maneuverability and keep the machine moving in the roughest of applications.



Tilting Overhead Guard (4WD)

Equipped as standard with a tilting overhead guard, to ensure easy access to major components for inspection and service.



Upward Steering Cylinder (Compact 4WD)

Lay the steering cylinder upward to make the turning radius smaller and rear wheel steering angle bigger.



100% Differential Lock (2WD)

Power shift transmission with jaw type 100% differential lock provides ultimate traction during inclement weather conditions and rough operating surfaces.



Our Solution, Your Decision

	2WD					Compact 4WD			4WD			
	1.8T	2.5T	3.5T	4T	5T	1.8T	2.5T	3.5T	2.5T	3.5T		
Body	YES <input type="checkbox"/> / NO <input type="checkbox"/>											
Floated Overhead Guard			<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>		
4WD-2WD Rocker Switch			—				<input type="checkbox"/>			<input type="checkbox"/>		
Industrial Tyres (F/R)	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/>		
Suspension Pedal			<input type="checkbox"/>							<input type="checkbox"/>		
Truck Width (mm)	1450	1557.5	1600	2067	2067	1450	1430	1600	1960	1980		
Loaded into 20GP Container	<input type="checkbox"/>	<input type="checkbox"/>	(Define the tyres)	<input type="checkbox"/>	<input type="checkbox"/>	(Define the tyres)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
External Type Steering Cylinder			<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>		
Wish Prolifer			<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>		
LED Lights			Standard				Standard			Standard		
Safety Start System*			Standard				Standard			Standard		
Suspension Seat			Option				Option			Standard		
OPS system			Option				Option			Option		
Performance	YAMMAR 4TNE36M17SUBSH1 S4S		YAMMAR 4TNE36		Purkus 1104C-41TA/1104C-41TA		YAMMAR 4TNE36		MITSUBISHI S4S		YAMMAR 4TNE36	
Gradeability	20%	20%	16%	30%	30%	80%/60%	50%	45%	38%	38%		
Gradient	11.3°	11.3°	9°	16.7°	16.7°	38.6°/31°	26.5°	24.2°	20.8°	20.8°		
Min. Turning Radius(mm)	2840	2870	2870	3550	3550	3120	3120	3120	4275	4295		
Transmission Model	Hydraulic					Hydraulic						
Differential Lock Type	Jaw Type Differential Lock					Limited Slip Differential Lock						
Differential Ratio	100%					45%						

Safety Start System The truck can't start if any below: 1-operator leaves the seat, 2-seatbelt unfastened, 3-hand brake released, 4-not in N position.



RWD 1.6T/2.5T/3.5T

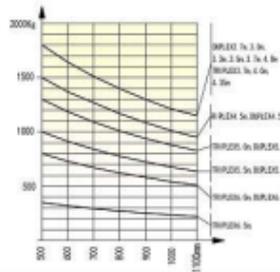
		RWD				
		FD16T-C2HE3	FD25T-C2HE3	FD35T-C2HE3		
General	1 Model					
	2 Power type		Diesel			
	3 Rated capacity	Kg	1800	2500	3500	
	4 Load centre	mm	800	800	800	
Characteristics/Dimension	5 Lifting height	mm	3000	3000	3000	
	6 Height	mm	105	160	165	
	7 Fork size	L*W*F	1070*106*35	1070*122*40	1220*122*45	
	8 Fork regulating range	Min./Max.	200-1000	250-1180	250-1180	
	9 Mast lift angle	F/R		10/12	0/1	
	10 Front overhang	mm	500	500	501	
	11 Rear overhang	mm	520	520	520	
	12 Min. ground clearance (drive steer axle)	mm	255	270	270	
	13 Length to face of fork (without fork)	mm	2960	2948	2956	
	14 Overall width	mm	1680	1817.5	1800.5	
Overall dimensions	15 Mast lowered height	mm	2148	2268	2330	
	16 Mast extended height (with backrest)	mm	4170	4170	4306	
	17 Overhead guard height	mm	2260	2268.5	2276	
	18 Turning radius	mm	2540	2570	2570	
	19 Min. right angle stacking side width	Pallet size a=1000,b=1200	mm	4760	4860	4870
		Pallet size a=1200,b=800	mm	4360	4460	4470
	Performance	20 Travel(Laden/Undladen)	Km/h	20/18	20/18	20/22
		21 Lifting(Laden)	mm	610	605	605
		22 Lowering(Laden)	mm	490	445	500
		23 Max. Drawbar pull(Laden)	kN	15	17	17
Type	24 Max. Gradeability(Laden)	%	20	20	18	
	25 Type	Front	12-16.5-12PR	12-16.5-12PR	14-17.5-14PR	
	26 Rear	27-16-12-12PR	27-16-10-12PR	27-16-12-12PR		
	27 Front	mm	1123	1250.5	1250.5	
Weight	28 Rear	mm		1208		
	29 Wheelbase	mm	1830			
	30 Self weight	kg	3980	4989	5190	
	31 Laden	Front axle	kg	4954	5990	7725
		Rear axle	kg	806	975	955
	32 Distribution	Front axle	kg	1564	1785	2070
		Rear axle	kg	2376	3000	3110
	33 Undladen	Front axle	kg	2376	3000	3110
		Rear axle	kg	2376	3000	3110
	Power/Transmission	34 Battery	Voltage/Capacity	V/Ah	12/90	12/90
35 Motor		Model		4TMC18-80FLC		
		Manufacture		YANMAR		
36 Rated output (p.m.)		Rw	42	52300		
	Rated torque (p.m.)	N.m	196.3/1700			
Engine	37 No. of cylinder		4			
	38 Bore*Stroke	mm	98-110			
	39 Displacement	L	3.218			
	40 Fuel tank capacity	L	55			
Transmission	41 Manufacture		China			
	42 Type		PowerShift	PowerShift		
	43 Stage	F/R	1/1	1/1		
	44 Operating pressure	Mpa	16.5	20		

Compact 4WD 1.6T/2.5T/3.5T

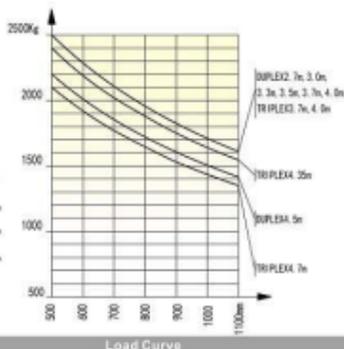
		FD16T-C4HE3					FD25T-C4HE3					FD35T-C4HE3				
General	1 Model															
	2 Power type															
	3 Rated capacity	Kg	1800	2500	1800	2500	3500									
	4 Load centre	mm	500	500	500	500	500									
Characteristics/Dimension	5 Lifting height	mm	3000	3000	3000	3000	3000									
	6 Fork lift	mm	105	105	105	105	105									
	7 Fork size	L*W*F	1070*100*35	1070*120*40	1070*130*35	1070*120*40	1220*120*45									
	8 Fork regulating range	Min./Max.	mm	200-1310	250-1310	200-1310	250-1310									
	9 Mast lift angle	F/R	Deg		10/12											
	10 Front overhang	mm	520	586	520	586	601									
	11 Rear overhang	mm			600											
	12 Min. ground clearance (steering axle)	mm			219											
	13 Min. ground clearance (steering/Laden)	mm	230215	230215	230215	230215	224238									
	14 Min. ground clearance (steering/Laden)	mm	270290	270290	270290	270290	270290									
Overall dimensions	15 Ground clearance (steering axle)	mm	354.5	354.5	354.5	354.5	430									
	16 Height from seat surface to overhead guard outer side	mm	300	300	300	300	1553									
	17 Length to face of fork (without fork)	mm	3000	3004	3000	3004	3061									
	18 Overall width	mm	1450	1450	1450	1450	1600									
	Overall dimensions	19 Mast lowered height	mm	2145	2235	2145	2235	2236								
		20 Mast extended height (with backrest)	mm	4140	4175	4140	4175	4306								
		21 Overhead guard height	mm	2258	2258	2256	2256	2276								
		22 Turning radius	mm	3120	3120	3120	3120	3120								
	Performance	23 Min. right angle stacking side width	Pallet size a=1000,b=1200	mm	4820	4706	4820	4796	4921							
		24 Pallet size a=1200,b=800	mm	4820	4806	4820	4955	4871								
25 Min. right angle stacking side width/pallet size a=1200,b=1200		mm		2875		2875	2726									
26 Travel(Undladen/Laden)		Km/h	10/17	16/17	20/18	20/18	19/18									
Speed	27 Lifting(Laden/Laden)	mm	600/900	600/910	600/910	600/910	510/490									
	28 Lowering(Undladen/Laden)	mm	420/450	510/450	420/450	510/490	500/450									
	29 Max. Drawbar pull	kN	31	30	36	34	38									
	30 Max. Gradeability	%	60	50	60	50	45									
Type	31 Braking distance	m		18												
	32 Type	Front		12-16.5-12PR		12-16.5-12PR	14-17.5-14PR									
		Rear		27-16-12-12PR		27-16-10-12PR	27-16-12-12PR									
	33 Tyre pressure(Front/Rear)	Mpa	0.42/0.38		0.42/0.38		0.42/0.38									
Weight	34 Wheelbase	mm	1123		1123		1256									
	35 Front	mm	1190		1190		1190									
	36 Ground clearance (Front tyre centre (Undladen/Laden))	mm	495.5/365		495.5/365		490.5/425									
	37 Ground clearance (Rear tyre centre (Undladen/Laden))	mm	370/350		370/350		370/350									
Power/Transmission	38 Wheelbase	mm	1880		1880		1880									
	39 Self weight	kg	4200	4826	4200	4820	5545									
		Laden	kg	4602	5607	4602	5457	7171								
	40 Distribution	Front axle	kg	1453	1733	1453	1733	1673								
Rear axle		kg	1702	2173	1702	2173	2346									
41 Undladen	Front axle	kg	2553	2657	2553	2657	3108									
42 Battery	Voltage/Capacity	V/Ah														
Engine	43 Model		5A8		4TMC18-80FLC											
	44 Manufacture		MTS/SHH		YANMAR											
	45 Rated output (p.m.)	Rw	36	32200	42	12300										
	46 Rated torque (p.m.)	N.m	160/1800		196.3/1700											
Transmission	47 No. of cylinder		4		4											
	48 Bore*Stroke	mm	94-120		98-110											
	49 Displacement	L	3.331		3.218											
	50 Fuel tank capacity	L		55		55										
Power/Transmission	51 Manufacture		China		China											
	52 Type		PowerShift		PowerShift											
	53 Stage	F/R	1/1	1/1	1/1	1/1										
	54 Operating pressure	Mpa	16.5	20	16.5	20										

Type	Model	Max. fork height mm	Overall height						Free lift						Front Overhang				TR range		Capacity at max. height Load Center 500mm					
			Lowered			With backrest			Without backrest			1.8T		2.5T		3.5T		FWD	BWD	Without side shift carriage			With side shift carriage			
			1.8T	2.5T	3.5T	1.8T	2.5T	3.5T	1.8T	2.5T	3.5T	1.8T	2.5T	3.5T	1.8T	2.5T	3.5T			1.8T	2.5T	3.5T				
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg	kg	kg	kg		
Wide view 2-stage mast	M270	2700	1998	2385	2180	155	163	165	165	166	165	569	565	600	10°	12°	1900	2500	3500	1800	2500	3200				
	M300	3000	2148	2235	2330	185	160	165	165	166	165	569	565	600	10°	12°	1900	2500	3500	1800	2500	3200				
	M330	3300	2298	2385	2480	195	160	165	165	166	165	569	565	600	10°	12°	1900	2500	3500	1800	2500	3200				
	M360	3600	2398	2485	2580	195	160	165	165	166	165	569	565	600	10°	12°	1900	2500	3500	1800	2500	3200				
	M270	2700	2108	2385	2480	155	160	165	165	166	165	569	565	600	10°	12°	1900	2500	3500	1800	2500	3200				
	M430	4300	2698	2785	2880	195	160	165	165	166	165	569	565	600	10°	12°	1900	2500	3400	1800	2500	3100				
Full free 3-stage mast	M450	4500	2348	2835	3130	195	160	165	165	166	165	569	565	600	10°	12°	1900	2200	3100	1400	1400	2100	2900			
	M500	5000	3108	---	---	195	---	---	---	---	---	509	---	---	8°	8°	1900	---	---	---	1200	---	---			
	M550	5500	3498	---	---	195	---	---	---	---	---	509	---	---	8°	8°	1900	---	---	---	900	---	---			
	M600	6000	3748	---	---	195	---	---	---	---	---	509	---	---	8°	8°	800	---	---	---	400	---	---			
	TFM360	3600	1908	---	---	725	---	---	---	---	---	569	---	---	10°	12°	1900	---	---	---	1800	---	---			
	TFM370	3700	---	1990	2115	---	798	790	---	1243	1240	---	590	620	---	---	---	2900	3500	---	2400	3100	---			
	TFM400	4000	2030	2900	2295	850	888	890	1230	1333	1330	509	500	620	10°	12°	1900	2500	3400	1800	2400	3100				
	TFM435	4300	2158	2205	2330	980	1013	1015	1360	1458	1451	509	500	620	10°	12°	1900	2400	3000	1800	2200	2900				
	TFM450	4500	2208	---	---	1230	---	---	---	---	---	509	---	---	10°	12°	1900	---	---	---	1400	---	---			
	TFM470	4700	---	2320	2445	---	1126	1130	---	1573	1576	---	590	620	---	---	---	2100	2600	---	1900	2500	---			
TFM480	4800	2308	---	---	1138	---	---	---	---	---	569	---	---	10°	12°	1900	---	---	---	1300	---	---				
TFM500	5000	2408	2455	2580	1230	1283	1285	1610	1708	1710	569	560	620	8°	8°	1900	1900	2600	1200	1500	2300					
TFM550	5500	2573	2620	2745	1390	1428	1430	1770	1873	1875	509	500	620	8°	8°	1900	1500	2300	900	1200	2100					
TFM600	6000	2718	2805	2930	1580	1613	1615	1960	2058	2060	509	500	620	8°	8°	800	1200	1900	400	800	1600					
TFM650	6500	2973	3020	3145	1790	1828	1830	2180	2273	2275	509	500	620	8°	8°	390	700	1300	200	400	1100					

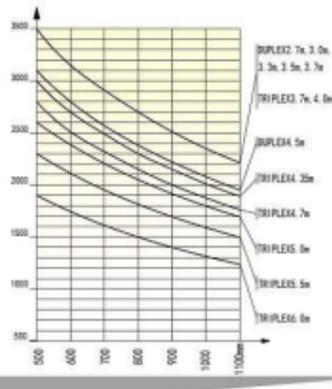
Load Capacity



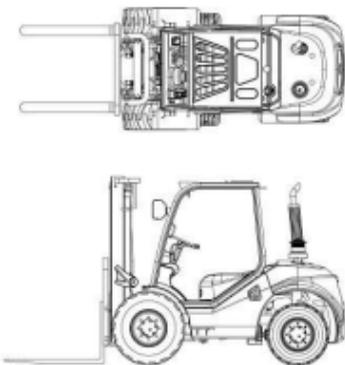
1.8T Load Chart



2.5T Load Chart

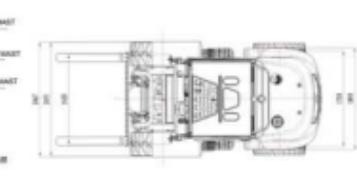
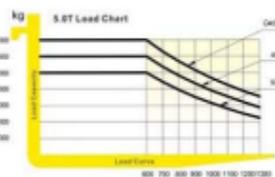
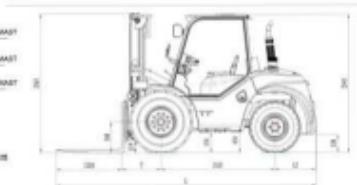
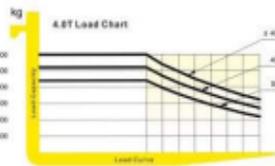


3.5T Load Chart



2WD 4T/8T				
General	1	Model	FD40T-C2WP3 FD60T-C2WP3	
	2	Power type	Diesel Diesel	
	3	Rated capacity	Kg 4000 6000	
	4	Load centre	mm 600 600	
	5	Lifting height	mm 3000 3000	
	6	Free lift height	mm 145 145	
	7	Fork size	L*W*H mm 1220*150*50 1220*150*55	
	8	Fork regulating range	Min./Max. mm 300/1954 300/1954	
	9	Mast tilt angle	F/R Deg 15°/15° 15°/15°	
Characterised Dimension	10	Front overhang	mm 732 732	
	11	Rear overhang	mm 784 784	
	12	Ground clearance	Middle of frame(Unladen/Laden) mm 374/354 374/354	
	13		Bottom of mast(Unladen/Laden) mm 320/320 320/320	
	14		Length to face of fork(without fork) mm 3632 3632	
	15		Overall length(with fork) mm 4837 4837	
	16		Wheel width mm 2055 2055	
	17	Overall dimensions	Frame width mm 2067 2067	
	18		Mast lowered height mm 2565 2565	
	19		Mast extended length(with backrest) mm 4170 4170	
	20		Overhead guard height mm 2545 2545	
Performance	21	Min. turning radius	mm 3050 3050	
	22	Speed	Travel(Unladen/Laden) Km/h 33.0/31 33.0/31	
	23		Lifting(Unladen/Laden) Km/h 570/590 570/590	
	24		Laden (80kg/m ² max/min) Mpa 15.8/19 15.8/19	
	25	Pressure	(Unladen (80kg/m ² max/min)) Mpa 2.8/7.9 2.8/7.9	
	26		Laden (80kg/m ² max/min) Mpa Front 1.1rear 1.2/road 10.1rear 15	
	27	Max. Drawbar pull(Laden/unladen)	% 50 50	
	28	Max. Gradeability(Laden/unladen)	% 30 30	
Type	29	Type	Front 445-65-22.5PR/1175 445-65-22.5PR/1175	
		Rear	12.5/80-18/956 12.5/80-18/956	
	30	Tread	Front mm 1620 1620	
	Rear	mm 1720 1720		
Weight	31	Wheelbase	mm 2125 2125	
	32	Self weight	kg 7980 8490	
	33	Braking distance	m 48 48	
	Power & Transmission	34	Model	1104C-4AT 1104C-4AT
		35	Manufacture	PERKINS PERKINS
		36	Rated output p. m.	Kw 74.5/2300 74.5/2300
		37	Rated torque p. m.	N.m 415/1350 415/1350
38		No. of cylinder	4 4	
39		Bore*Stroke	mm 105*127 105*127	
40	Displacement	L 4.4 4.4		
41	Manufacture	China China		
42	Transmission	Type	Powershift Powershift	
	43	Stage	F/R 2/1 2/1	

Type	Model	Max. fork height mm	Overall height (unladen) mm	Free lift		Front overhang		Tilt range		Capacity			
				W/B backrest	Without backrest	4.0T	5.0T	FWD	BWD	Capacity at max. height		Capacity at 1.1m height	
				mm	mm	mm	mm	mm	mm	kg	kg	kg	kg
wide view 2-stage mast	M300	3000	2565	145	145	727	732	15	15	4000	5000	3600	4700
	M330	3300	2715	145	145	727	732	15	15	4000	5000	3600	4700
	M350	3500	2815	145	145	727	732	15	15	4000	5000	3600	4700
	M370	3700	2915	148	148	727	732	15	15	4000	5000	3600	4700
	M400	4000	3115	148	148	727	732	15	15	4000	5000	3600	4700
	M450	4500	3365	145	145	727	732	15	15	3600	4500	3240	4350
Full free 3-stage mast	M500	5000	3615	145	145	727	732	15	15	3200	4000	2800	3600
	TFM400	4000	2560	1000	1300	760	765	15	15	4000	5000	3600	4500
	TFM430	4300	2665	1126	1475	760	765	15	15	3600	4500	3240	4350
	TFM450	4500	2736	1176	1526	760	765	15	15	3200	4000	2800	3600
	TFM470	4700	2852	1242	1592	760	765	15	15	2900	3700	2600	3300
	TFM500	5000	2955	1275	1725	760	765	15	15	2600	3300	2300	2900
TFM540	5400	3040	1500	1850	760	765	15	15	1900	2400	1720	2100	
TFM600	6000	3300	1740	2090	760	765	15	15	1600	2000	1400	1800	



4WD 2.5T/3.5T						
General	1	Model	FD35-C4WE	FD35-C4WE		
	2	Power type	diesel	diesel		
	3	Rated capacity	Kg	3500		
	4	Load centre	mm	500		
	5	Lift height	mm	3000		
	6	Free lift height	mm	160	165	
Characteristic Dimension	7	Fork size	L*W*H	mm	1075*125*40	1220*125*45
	8	Fork regulating range	Min./Max.	mm	250-1560	250-1560
	9	Mast tilt angle	F/R	Deg	10/12	10/12
	10	Front overhang	mm	480	480	
	11		mm	390	397	
	12	Min. ground clearance	mm	304.5	410	
	13	Length to face of fork (without fork)	mm	3182	3237	
	14		mm	1980	1980	
	Overall dimensions	15	Mast lowered height	mm	2454	2470
		16	Mast extended height (with backrest)	mm	4270	4400
		17	Overhead guard height	mm	2250	2250
		18	Min. turning radius	mm	4275	4296
		19	Min. right angle stacking axle width (add load length and clearance)	mm	8375	8396
	Performance	20	Travel (Unladen)	Kwh	20	20
		21	Speed	Lifting/Laden)	mm/s	540
22		Lowering/Laden	mm/s	630	540	
23		Max. Discharge (pull, laden/unladen)	KN	34.3	34.3	
24	Max. Gradeability (Laden)	%	38	38		
Tire	25	Type	Front	465/70-20-16PR	465/70-20L	
	26	Rear	16.0/75-15.3-16PR	16.0/75-15.3		
Tread	27	Front	mm	1973	1970	
	28	Rear	mm	1443	1440	
Weight	29	Wheelbase	mm	1995	1990	
	30		mm	4900	4750	
	Self weight	kg	6290	7990		
		kg	1110	1260		
Laden	31	Front axle	kg	2265	2450	
	32	Rear axle	kg	2635	3300	
Power/Transmission	33	Battery	Voltage/Capacity	V/Ah	12/90	
	34	Motor			4TNE9-BQFLC	
	35	Manufacturer			YANMAR	
	36	Rated output (p.m.)	Kw	42.1/2300		
	37	Rated torque (p.m.)	N.m	196.3/1700		
	38	Engine	No. of cylinder		4	
	39	Bore/Stroke	mm		98*110	
	40	Displacement	L		3.319	
	41	Fuel tank capacity	L		3.319	
	Transmission	42	Manufacturer			DANA
		43		Front axle	112	
		44	Rear axle	211		
		45	Transfer case	311		
		46	Stage	F/R	1/1	
	47	Static system pressure	Mpa	40		
48	Operating pressure (for attachments)	Mpa	20			
49	Min. right angle stacking axle width	mm	2990	3000		

Type	Model	Overall height		Free lift			Front Overhang		Tilt range		Capacity				
		Lowered	Raised	With backrest		Without backrest		2.5T	3.5T	FWD	BWD	Capacity at max. height		Capacity at max. height	
				mm	mm	mm	mm					mm	mm	mm	mm
Wide view 2-stage mast	M270	2320	2320	168	165	165	168	700	700	10	12	3500	3500	3200	3200
	M330	2470	2470	165	165	165	165	700	700	10	12	3500	3500	3200	3200
	M330	2620	2620	165	165	165	165	700	700	10	12	3500	3500	3200	3200
	M390	2720	2720	165	165	165	165	700	700	10	12	3500	3500	3200	3200
	M370	2620	2620	165	165	165	165	700	700	10	12	3500	3500	3200	3200
	M400	3070	3070	165	165	165	165	700	700	10	12	3400	3400	3100	3100
Full free 3-stage mast	FM270	2256	2256	798	798	1243	1243	700	700	10	12	3000	3000	3100	3100
	FM400	2345	2345	688	688	1233	1233	700	700	10	12	3500	3500	3100	3100
	FM435	2470	2470	1013	1013	1458	1458	700	700	10	12	3000	3000	2900	2900
	FM470	2605	2605	1128	1128	1573	1573	700	700	10	12	2800	2800	2500	2500
	FM500	2720	2720	1263	1263	1708	1708	700	700	6	6	2800	2800	2500	2500
	FM550	2885	2885	1428	1428	1873	1873	700	700	6	6	2500	2500	2300	2300
FM600	3070	3070	1613	1613	2058	2058	700	700	6	6	2100	2100	1800	1800	

