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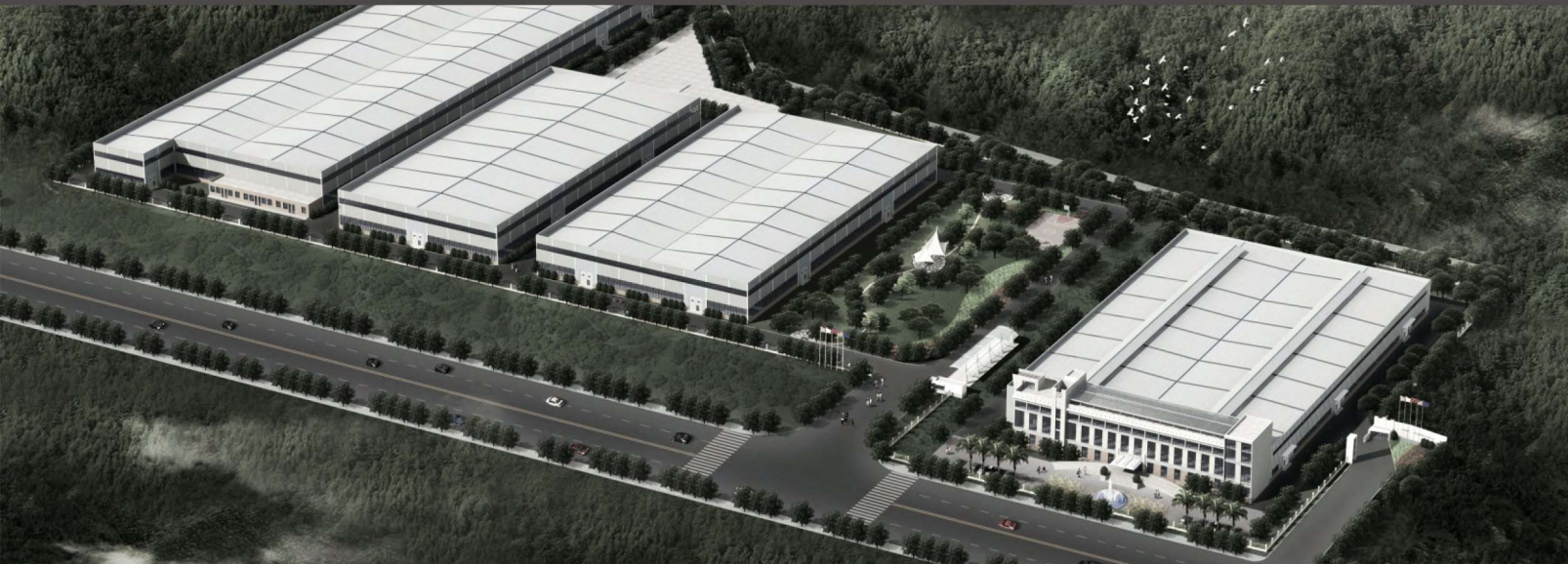
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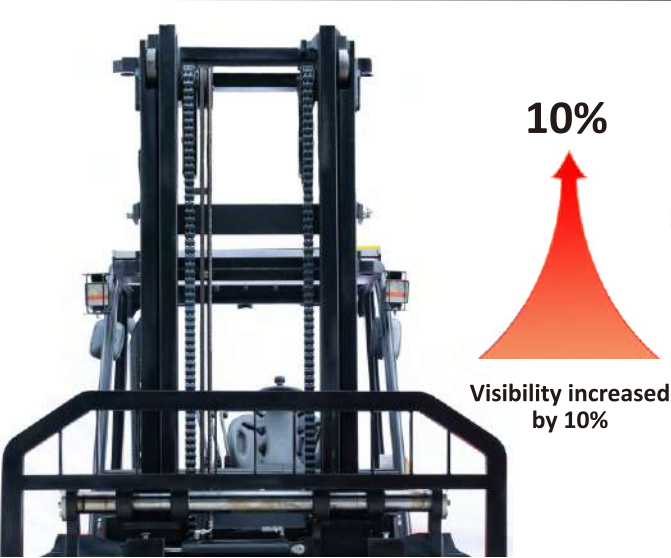
A SERIES IC FORKLIFT TRUCK

A Series 4 - Compact 5T ICE Forklift
A Series 5 - 7T ICE Forklift



Safety & Stability

Mast and Mast Hydraulic (View improvement) /

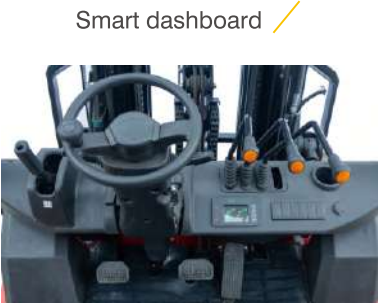


High Efficiency

Hydraulic system improvement
The overall cleanliness of the hydraulic system is improved by wash machine.



Oil tank wash machine



Smart dashboard /

Replace the mechanical display with digital one, after entering the menu, the language types can be adjusted according to different customer requirements.



Add counterweight grill, effective dustproof and internal protection, increased safety

Easy Maintenance

Hood opening angle /



Use rough terrain truck hinge
Hood opening angle:
from old 60 degrees to 80 degrees, better accessibility to maintenance

Electrical elements improvement /

Waterproof plug-in, with ratings of Ip56. Plug-ins that reserve optional features are easy to install. (M series large tonnage many option not available i.e. handbrake alarm, seat belt sequence) while the new harness has reserved those functions. The corresponding electrical connector plug-ins are all updated to AMP plug-in, with better waterproofing.



Integrated electrical box, smaller in size than for the original M-Series, space-saving
The waterproof rating of the new electrical box is IP56 and the fire rating reaches V0.
The new electrical box integrates the DH296 box function and has a driving safety device.
Will improve vehicle safety performance (M-Series electrical boxes is without this device)

A series 4-Compact 5T Diesel forklift					
Distinguishing mark	1	Model		FDTA45	FDTA50
	2	Type		Diesel	Diesel
	3	Optional Type		W13/W(13A)3/G(25)3	W13/W(13A)3/G(25)3
	4	Load capacity		kg	5000
	5	Load centre		mm	500
	6	Load distance		mm	575
	7	Wheelbase		mm	2100
Weight	8	Unladen weight		kg	6500
	9	Axle loading	laden Front	kg	9766
	10		Rear	kg	1234
	11		Unladen Front	kg	2837
	12		Rear	kg	3663
Tyres, chassis	13	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L
	14	Tyre	Front	300-15-18PR	300-15-18PR
	15		Rear	7.00-12-12PR	7.00-12-12PR
	16	Number of wheels, front/rear (X = driven)		2X2	2X2
	17	Track width	Front	mm	1190
	18		Rear	mm	1130
Dimensions	19	Mast tilt angle		Deg	6/12
	20	Height of mast	lowered	mm	2250
	21		extended	mm	4260
	22	Free lift height		mm	150
	23	Lift height		mm	3000
	24	Overall dimensions	overhead guard height	mm	2250 (2400)
	25		Seat height	mm	1350
	26		Towing coupling height	mm	340
	27		Overall length	mm	4280
	28		Length to face of forks	mm	3210
	29		Overall width	mm	1490
	30	Fork size (ISO2331)	LxWxT	mm	50/150/1070
	31	Fork carriage width (DIN 15173, Class II A/III B)		mm	1380
	32	Ground clearance	bottom of mast	mm	155
	33		wheelbase centre	mm	186
	34	Working aisle width	1000 x 1200 crossways	mm	4625
	35		800 x 1200 crossways	mm	4425
	36	Outer turning radius		mm	2850
Performance data	37	Speed	Travel (Unladen/laden)	km/h	24/25
	38		Lifting (Unladen/laden)	mm/s	0.53/0.56
	39		Lowering (Unladen/laden)	mm/s	0.48/0.50
	40	Max. Drawbar pull (Unladen/laden)		KN	30/23
	41	Max. Gradeability (Unladen/laden) @ 1.6km/h		%	22/25
Additional data	42	Service brake		hydraulic	hydraulic
	43	Operating pressure (For attachments)		MPa	19.5
	44	Fule tank	capacity		100
	45	Towing coupling	type DIN 15170		PIN



KUBOTA

Type: W(13A)3
Model: V3800 (EuV+ Tier 4)
Rated output: 54.6 kw/ 2200 rpm
Rated torque: 305.4 N·m/1500 rpm
No. of cylinder: 4
Bore x Stroke: 100 x 120mm
Displacement: 3.769L
Range: A series 4-XST



MITSUBISHI

Type: W13
Model: S6S
Rated output: 52kw/2450rpm
Rated torque: 250N·m/1600rpm
No. of cylinder: 6
Bore x Stroke: 94 x 120mm
Displacement: 4.996L
Range: A series 4.0- x5.0 ton



XINCHAI

Type: G(25)3
Model: 4D35ZG31-056
Rated output: 60kw/ 2200 rpm
Rated torque: 300N·m/1600-1800rpm
No. of cylinder: 4
Bore x Stroke: 98 x 115mm
Displacement: 3.47L
Range: A series 4.5ton



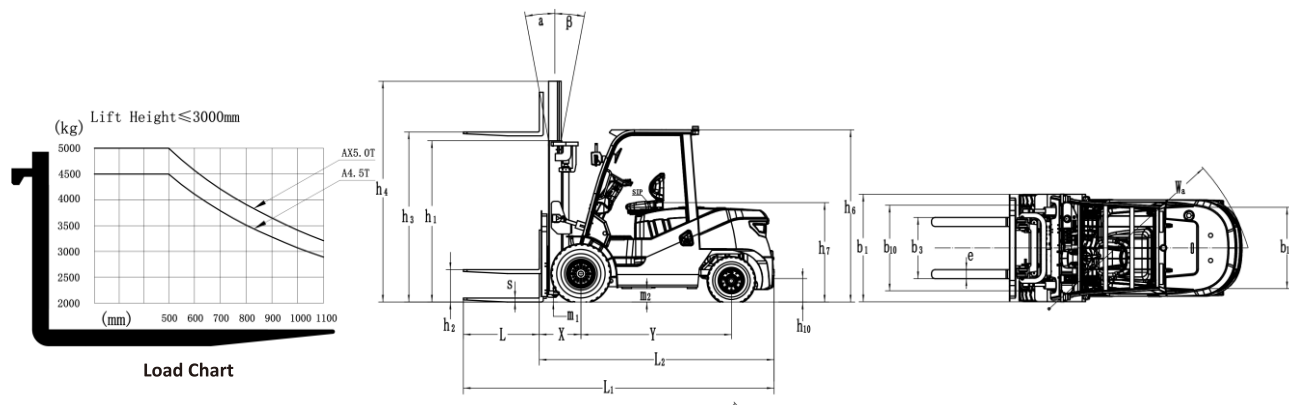
KUBOTA

Type: W(J1)3
Model: WG3800 (Eu V)
Rated output: 54.6 kw/ 2400 rpm
Rated torque: GAS 246.8 N·m/ 1400 rpm
PG 271.4 N·m/ 1200 rpm*
No. of cylinder: 4
Bore x Stroke: 100 x 120mm
Displacement: 3.769L
Range: A series 4.0- x5.0 ton/LPG

Diesel

Gasoline/LPG

A series 4-Compact 5T LPG forklift					
Distinguishing mark	1	Model		FGLTA45	FGLTA50
	2	Type		Gasoline/LPG	Gasoline/LPG
	3	Optional Type		W(J1)3	W(J1)3
	4	Load capacity		kg	5000
	5	Load centre		mm	500
	6	Load distance		mm	575
	7	Wheelbase		mm	2100
Weight	8	Unladen weight		kg	6500
	9	Axle loading	laden Front	kg	9766
	10		Rear	kg	1234
	11		Unladen Front	kg	2837
	12		Rear	kg	3663
Tyres, chassis	13	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L
	14	Tyre	Front	300-15-18PR	300-15-18PR
	15		Rear	7.00-12-12PR	7.00-12-12PR
	16	Number of wheels, front/rear (X = driven)		2X2	2X2
	17	Track width	Front	mm	1190
	18		Rear	mm	1130
Dimensions	19	Mast tilt angle		Deg	6/12
	20	Height of mast	lowered	mm	2250
	21		extended	mm	4260
	22	Free lift height		mm	150
	23	Lift height		mm	3000
	24	Overall dimensions	overhead guard height	mm	2250 (2400)
	25		Seat height	mm	1350
	26		Towing coupling height	mm	340
	27		Overall length	mm	4280
	28		Length to face of forks	mm	3210
	29		Overall width	mm	1490
	30	Fork size (ISO2331)	LxWxT	mm	50/150/1070
	31	Fork carriage width (DIN 15173, Class II A/III B)		mm	1380
	32	Ground clearance	bottom of mast	mm	155
	33		wheelbase centre	mm	186
	34	Working aisle width	1000 x 1200 crossways	mm	4625
	35		800 x 1200 crossways	mm	4425
	36	Outer turning radius		mm	2850
Performance data	37	Speed	Travel (Unladen/laden)	km/h	24/25
	38		Lifting (Unladen/laden)	mm/s	0.53/0.56
	39		Lowering (Unladen/laden)	mm/s	0.48/0.50
	40	Max. Drawbar pull (Unladen/laden)		KN	30/23
	41	Max. Gradeability (Unladen/laden) @ 1.6km/h		%	22/25
Additional data	42	Service brake		hydraulic	hydraulic
	43	Operating pressure (For attachments)		MPa	19.5
	44	Fule tank	capacity		100
	45	Towing coupling	type DIN 15170		PIN

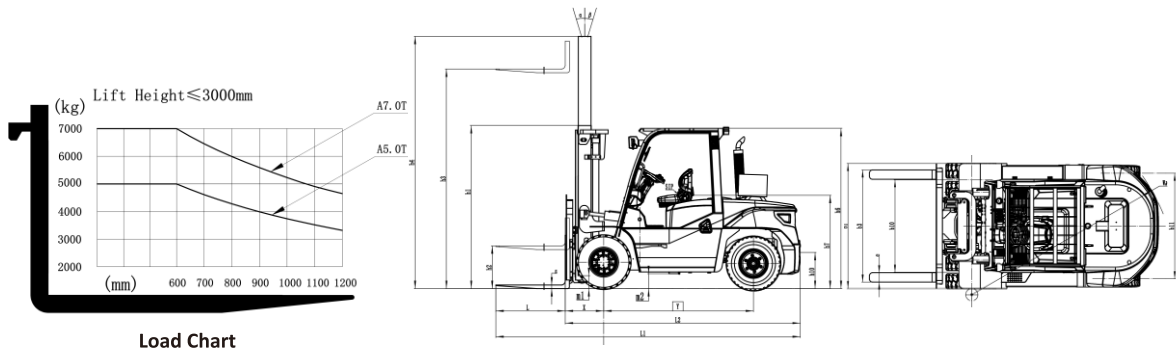


A series 4-Compact 5T Gasoline forklift

Type	Model	Max. fork height	Overall Height						Free lift				Load Distance		Tilt range		weight	
			Lowered		Extended				Without LBR		With LBR				FWD	BWD	Load center (500mm)	
					Without LBR		With LBR						Single Tyre					
			4.5t	mini5t	4.5t	mini5t	4.5t	mini5t	4.5t	mini5t	4.5t	mini5t	4.5t	mini5t	4.5t	mini5t		
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg
2LFL	M300	3000	2250	2250	3855	3855	4260	4260	150	155	150	155	575	580	6	12	4500	5000
	M330	3300	2400	2400	4155	4155	4560	4560	150	155	150	155	575	580	6	12	4500	5000
	M350	3500	2500	2500	4355	4355	4760	4760	150	155	150	155	575	580	6	12	4500	5000
	M370	3700	2600	2600	4605	4605	5010	5010	150	155	150	155	575	580	6	12	4500	5000
	M400	4000	2800	2800	4855	4855	5260	5260	150	155	150	155	575	580	6	12	4250	4750
	M450	4500	3050	3050	5355	5355	5760	5760	150	155	150	155	575	580	6	6	3800	4250
	M500	5000	3300	3300	5855	5855	6260	6260	150	155	150	155	575	580	6	6	3150	3500
	M550	5500	3600	3600	6355	6355	6760	6760	150	155	150	155	575	580	3	6	2800	2850
2FFL	M600	6000	3850	3850	6855	6855	7260	7260	150	155	150	155	575	580	3	6	2500	2550
	FM300	3000	2250	2250	3855	3855	4250	4250	1425	1430	1030	1030	585	590	6	12	4500	5000
	FM330	3300	2400	2400	4155	4155	4550	4550	1575	1580	1180	1180	585	590	6	12	4500	5000
	FM350	3500	2500	2500	4355	4355	4750	4750	1675	1680	1280	1280	585	590	6	12	4500	5000
	FM375	3750	2625	2625	4605	4605	5000	5000	1800	1805	1405	1405	585	590	6	12	4500	5000
	FM400	4000	2800	2800	4855	4855	5250	5250	1975	1980	1580	1580	585	590	6	12	4250	4750
	TFM400	4000	2110	2110	4880	4880	5265	5265	1275	1280	885	885	630	635	6	6	4000	4500
	TFM435	4350	2235	2235	5230	5230	5615	5615	1395	1400	1010	1010	630	635	6	6	3800	4250
3FFL	TFM450	4500	2285	2285	5385	5385	5770	5770	1450	1455	1060	1060	630	635	6	6	3600	4000
	TFM480	4800	2385	2385	5680	5680	6070	6070	1545	1550	1160	1160	630	635	6	6	3350	3750
	TFM500	5000	2485	2485	5880	5880	6265	6265	1645	1650	1260	1260	630	635	6	6	3050	3400
	TFM540	5400	2610	2610	6280	6280	6660	6660	1770	1775	1385	1385	630	635	3	6	2550	2850
	TFM600	6000	2850	2850	6875	6875	7260	7260	2010	2015	1625	1625	630	635	3	6	1950	2200
	TFM650	6500	3050	3050	7375	7375	7760	7760	2210	2215	1825	1825	630	635	3	6	1500	1700

A series 5-7T ICE Forklift

Type	Model	Max. fork height	Overall Height								Free lift		Load Distance	Tilt range		weight	
			Lowered	Extended				Without LBR	With LBR	Without LBR	With LBR	FWD		BWD	Load center (600mm)		
				Without LBR		With LBR							Double tyre				
			5t	7t	5t	7t	5t	7t	5t-7t	5t-7t	5t-7t	5t-7t	5t-7t	5t-7t	5t-7t	5t	7t
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg		
2LFL	M300	3000	2500	2625	3955	4080	4425	4425	205	205	590	10	12	5000	7000		
	M330	3300	2650	2775	4255	4380	4725	4725	205	205	590	10	12	5000	7000		
	M350	3500	2750	2875	4455	4580	4925	4925	205	205	590	10	12	5000	7000		
	M375	3750	2875	3000	4705	4830	5175	5175	205	205	590	10	12	5000	7000		
	M400	4000	3050	3175	4975	5100	5425	5425	205	205	590	10	12	5000	7000		
	M425	4250	3175	3300	5225	5350	5675	5675	205	205	590	6	6	5000	7000		
	M450	4500	3300	3425	5475	5600	5925	5925	205	205	590	6	6	5000	7000		
	M475	4750	3425	3550	5725	5850	6175	6175	205	205	590	6	6	5000	7000		
	M500	5000	3550	3675	5975	6100	6425	6425	205	205	590	6	6	5000	7000		
	M550	5500	3850	3975	6525	6650	6925	6925	205	205	590	3	6	4750	6600		
2FFL	M600	6000	4100	4225	7025	7150	7425	7425	205	205	590	3	6	4400	6400		
	FM300	3000	2625	2625	4110	4110	4405	4405	1555	1255	600	10	12	5000	7000		
	FM330	3300	2775	2775	4410	4410	4705	4705	1705	1405	600	10	12	5000	7000		
	FM350	3500	2875	2875	4610	4610	4905	4905	1805	1405	600	10	12	5000	7000		
	FM375	3750	3000	3000	4860	4860	5155	5155	1930	1630	600	10	12	5000	7000		
3FFL	FM400	4000	3175	3175	5110	5110	5405	5405	2105	1805	600	10	12	5000	7000		
	TFM400	4000	2505	2505	5080	5080	5405	5405	1460	1135	635	6	6	4500	6400		
	TFM435	4350	2630	2630	5430	5430	5755	5755	1585	1260	635	6	6	4500	6400		
	TFM450	4500	2680	2680	5580	5580	5905	5905	1635	1310	635	6	6	4500	6400		
	TFM480	4800	2780	2780	5880	5880	6205	6205	1735	1410	635	6	6	4500	6300		
	TFM500	5000	2880	2880	6080	6080	6405	6405	1835	1510	635	6	6	4500	6300		
	TFM540	5400	3005	3005	6480	6480	6805	6805	1960	1635	635	3	6	4300	6100		
	TFM600	6000	3305	3305	7080	7080	7405	7405	2260	1935	635	3	6	4000	5500		
	TFM650	6500	3530	3530	7580	7580	7905	7905	2485	2160	635	3	6	3500	4700		



A series 5-7T ICE Forklift

Distinguishing mark	1	Model			FDTA50	FDTA70	FLTA50	FLTA50	FLTA70	FLTA70	
	2	Type			Diesel	Diesel	LPG	LPG	LPG	LPG	
	3	Optional Type			WJ3/W(13)3/G(22)3	WJ3/W(13)3/G(22)3	AW(J2)3	AW(K2)3	AW(J2)3	AW(K2)3	
	4	Load capacity		kg	5000	7000	5000	5000	7000	7000	
	5	Load centre		mm	600	600	600	600	600	600	
	6	Load distance		mm	590	590	590	590	590	590	
	7	Wheelbase		mm	2300	2300	2300	2300	2300	2300	
Weight	8	Unladen weight		kg	8360	9650	8360	8360	9650	9650	
	9	Axle loading	laden	Front	kg	12090	14900	12090	12090	14900	14900
	Rear				1270	1750	1270	1270	1750	1750	
	Unladen		Front	kg	4520	4050	3840	3840	4050	4050	
Rear				3830	5600	4520	4520	5600	5600		
Tyres, chassis	13	Tyres: L = pneumatic, V = cushion, SE = superelastic			L	L	pneumatic	pneumatic	pneumatic	pneumatic	
	14	Tyre	Front		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
	15		Rear		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
	16	Number of wheels, front/rear (X = driven)			4X2	4X2	4X2	4X2	4X2	4X2	
Dimensions	17	Track width	Front		mm	1489	1489	1489	1489	1489	
	18		Rear		mm	1700	1700	1700	1700	1700	
	19	Mast tilt angle		F/R	Deg	10/12	10/12	10/12	10/12	10/12	
	20	Height of mast	lowered		mm	2500	2625	2500	2625	2625	
	21		extended		mm	4425	4425	205	205	205	
	22	Free lift height			mm	205	205	3000	3000	3000	
	23	Lift height			mm	3000	3000	4425	4425	4425	
	24	Overall dimensions	overhead guard height		mm	2450	2450	2450	2450	2450	
	25		Seat height		mm	1400	1400	1400	1400	1400	
	26		Towing coupling height		mm	345	345	345	345	345	
	27		Overall length		mm	4715	4830	4715	4715	4830	
	28		Length to face of forks		mm	3495	3610	3495	3495	3610	
	29	Overall width		mm	2020	2020	2020	2020	2020	2020	
	30	Fork size (ISO2331)		LxWxT	mm	65/150/1220	65/150/1220	65/150/1220	65/150/1220	65/150/1220	
	31	Fork carriage width (DIN 15173, Class, A/B)				ISO 4A	ISO 4A	ISO 4A	ISO 4A	ISO 4A	
	32	Fork carriage width			mm	1845	1845	1845	1845	1845	
	33	Ground clearance	bottom of mast		mm	200	200	200	200	200	
	34		wheelbase centre		mm	230	230	230	230	230	
	35	Working aisle width with pallet(Ast)*	1000 x 1200 crossways		mm	5030	5150	5260	5260	5370	
36	800 x 1200 crossways		mm	4830	4950	5260	5260	5370			
37	Outer turning radius			mm	3250	3360	3250	3250	3360		
Performance data	38	Speed	Travel (Unladen/laden)		km/h	29/30	29/30	Shift 2: 30/31 Shift 1: 9/9	Shift 2: 30/31 Shift 1: 9/9	Shift 2: 30/31 Shift 1: 9/9	
	39		Lifting (Unladen/laden)		mm/s	0.43/0.46	0.43/0.46	440/460	440/460	440/460	
	40		Lowering (Unladen/laden)		mm/s	0.50/0.40	0.50/0.40	500/400	500/400	500/400	
	41	Max. Drawbar pull (Unladen/laden)			KN	65/37	65/37	66000/41000	66000/41000	66000/41000	
42	Max.Gradeability (Unladen/laden) @ 1.6km/h			%	33/20	30/20	28/20	28/20	21/20		
Additional data	43	Service brake				hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	
	44	Operating pressure (For attachments)			MPa	19.5	19.5	195	195	195	
	45	Fule tank		capacity		140	140	140	140	140	
	46	Towing coupling		type DIN 15170		PIN	PIN	PIN	PIN	PIN	