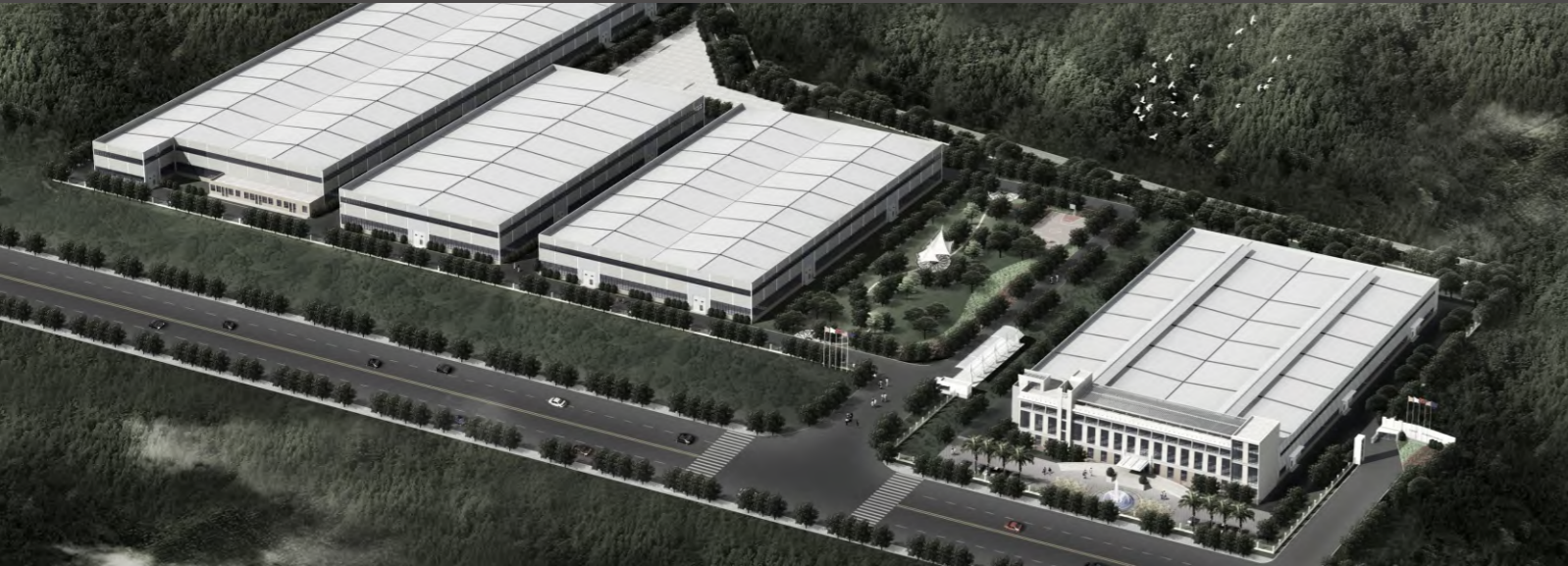


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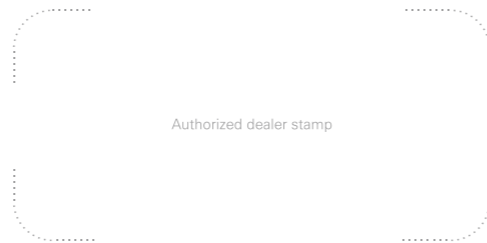


**MAXIMAL  
FORKLIFT**

All the data on the catalogue is just for your reference. Maximal reserve the right for update or amendment when necessary.



CE CERTIFICATE ISO14001:2004 ISO9001:2000



Authorized dealer stamp



# A SERIES IC FORKLIFT TRUCK

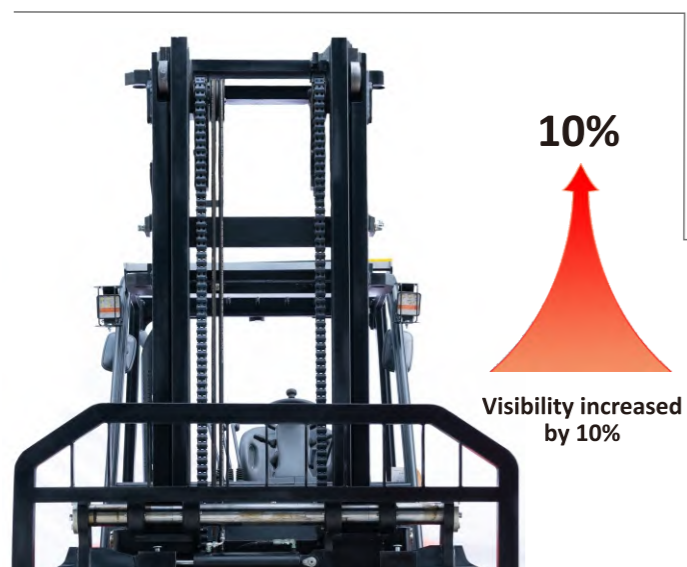
A Series 4 - Compact 5T ICE Forklift  
A Series 5 - 7T ICE Forklift





## Safety & Stability

Mast and Mast Hydraulic (View improvement) ✓



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

## High Efficiency

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

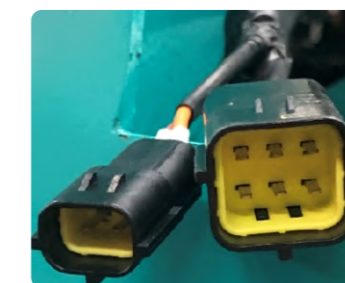


Oil tank wash machine



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.



Hand brake use ratchet type (lighter and easier) ✓

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		FDTA45		FDTA50			
1	Model						
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	4500	kg	5000		
5	Load centre	mm	500	mm	500		
6	Load distance	mm	575	mm	580		
7	Wheelbase	mm	2100	mm	2100		
8	Unladen weight	kg	6500	kg	7010		
9	Axle loading	laden	Front	kg	9766	kg	10900
			Rear	kg	1234	kg	1200
		Unladen	Front	kg	2837	kg	3160
			Rear	kg	3663	kg	3850
Tyres: L = pneumatic, V = cushion, SE = superelastic		L		L			
14	Tyre	Front	300-15-18PR	Front	300-15-18PR		
		Rear	7.00-12-12PR	Rear	7.00-12-12PR		
		Number of wheels, front/rear (X = driven)		2X2		2X2	
17	Track width	Front	mm	1190	mm	1190	
		Rear	mm	1130	mm	1130	
19	Mast tilt angle	F/R	Deg	6/12	6/12		
20	Height of mast	lowered	mm	2250	mm	2250	
		extended	mm	4260	mm	4260	
22	Free lift height	mm	150	mm	155		
23	Lift height	mm	3000	mm	3000		
24	Overall dimensions	overhead guard height	mm	2250 (2400)	mm	2250 (2400)	
		Seat height	mm	1350	mm	1350	
		Towing coupling height	mm	340	mm	340	
		Overall length	mm	4280	mm	4345	
		Length to face of forks	mm	3210	mm	3275	
		Overall width	mm	1490	mm	1490	
		Fork size (ISO2331)	LxWxT	mm	50/150/1070	mm	55/150/1070
		Fork carriage width (DIN 15173, Class II A/III B)		mm	1380	mm	1380
32	Ground clearance	bottom of mast	mm	155	mm	155	
		wheelbase centre	mm	186	mm	186	
34	Working aisle width	1000 x 1200 crossways	mm	4625	mm	4685	
35	with pallet(Ast)*	800 x 1200 crossways	mm	4425	mm	4485	
36	Outer turning radius	mm	2850	mm	2905		
37	Speed	Travel (Unladen/laden)	km/h	24/25	km/h	25/27	
		Lifting (Unladen/laden)	mm/s	0.53/0.56	mm/s	0.53/0.56	
		Lowering (Unladen/laden)	mm/s	0.48/0.50	mm/s	0.48/0.50	
		Max. Drawbar pull (Unladen/laden)	KN	30/23	KN	30/23	
41	Max. Gradeability (Unladen/laden) @ 1.6km/h	%	22/25	%	20/25		
42	Service brake		hydraulic		hydraulic		
43	Operating pressure (For attachments)	MPa	19.5	MPa	19.5		
44	Fule tank capacity		100		100		
45	Towing coupling	type DIN 15170	PIN	type DIN 15170	PIN		

### A series 4-Compact 5T LPG forklift

Distinguishing mark		FGLTA45		FGLTA50			
1	Model						
2	Type	Gasoline/LPG		Gasoline/LPG			
3	Optional Type	W(J1)3		W(J1)3			
4	Load capacity	kg	4500	kg	5000		
5	Load centre	mm	500	mm	500		
6	Load distance	mm	575	mm	580		
7	Wheelbase	mm	2100	mm	2100		
8	Unladen weight	kg	6500	kg	7010		
9	Axle loading	laden	Front	kg	9766	kg	10900
			Rear	kg	1234	kg	1200
		Unladen	Front	kg	2837	kg	3160
			Rear	kg	3663	kg	3850
Tyres: L = pneumatic, V = cushion, SE = superelastic		L		L			
14	Tyre	Front	300-15-18PR	Front	300-15-18PR		
		Rear	7.00-12-12PR	Rear	7.00-12-12PR		
		Number of wheels, front/rear (X = driven)		2X2		2X2	
17	Track width	Front	mm	1190	mm	1190	
		Rear	mm	1130	mm	1130	
19	Mast tilt angle	F/R	Deg	6/12	6/12		
20	Height of mast	lowered	mm	2250	mm	2250	
		extended	mm	4260	mm	4260	
22	Free lift height	mm	150	mm	155		
23	Lift height	mm	3000	mm	3000		
24	Overall dimensions	overhead guard height	mm	2250 (2400)	mm	2250 (2400)	
		Seat height	mm	1350	mm	1350	
		Towing coupling height	mm	340	mm	340	
		Overall length	mm	4280	mm	4345	
		Length to face of forks	mm	3210	mm	3275	
		Overall width	mm	1490	mm	1490	
		Fork size (ISO2331)	LxWxT	mm	50/150/1070	mm	55/150/1070
		Fork carriage width (DIN 15173, Class II A/III B)		mm	1380	mm	1380
32	Ground clearance	bottom of mast	mm	155	mm	155	
		wheelbase centre	mm	186	mm	186	
34	Working aisle width	1000 x 1200 crossways	mm	4625	mm	4685	
35	with pallet(Ast)*	800 x 1200 crossways	mm	4425	mm	4485	
36	Outer turning radius	mm	2850	mm	2905		
37	Speed	Travel (Unladen/laden)	km/h	24/25	km/h	25/27	
		Lifting (Unladen/laden)	mm/s	0.53/0.56	mm/s	0.53/0.56	
		Lowering (Unladen/laden)	mm/s	0.48/0.50	mm/s	0.48/0.50	
		Max. Drawbar pull (Unladen/laden)	KN	30/23	KN	30/23	
41	Max. Gradeability (Unladen/laden) @ 1.6km/h	%	22/25	%	20/25		
42	Service brake		hydraulic		hydraulic		
43	Operating pressure (For attachments)	MPa	19.5	MPa	19.5		
44	Fule tank capacity		100		100		
45	Towing coupling	type DIN 15170	PIN	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**

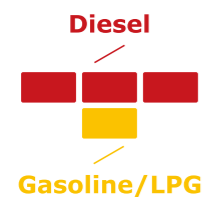


Type: W13  
Model: S6S  
Rated output: 52kw/2450rpm  
Rated torque: 250N·m/1600rpm  
No. of cylinder: 6  
Bore x Stroke: 94 x 120mm  
Displacement: 4.996L  
Range: A series 4.0- x5.0 ton


**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: W33900 (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

