

A3 Type

Model:4TNE 98
Rated Output:43/2300kw/r.p.m
Rated Torque:(186-206)/1700 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:98mm*110mm
Displacement:3.319L
Range:1.8T/2.5T/3.5T 2WD/4WD



YANMAR

Y3 Type

Model:V2403(EU5+Stage 4)
Rated Output:43.2kw/2600rpm
Rated Torque:198 N.m/1500 r.p.m
No. of cylinder:4
Bore*Stroke:87mm*102.4mm
Displacement:2.434L
Range:1.8T/2.5T/3.5T 2WD/4WD



KUBOTA

B3 Type

Model:S4S
Rated Output:35.3/2250kw/r.p.m
Rated Torque:170/1700 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:94mm*120mm
Displacement:3.331L
Range:1.8T/2.5T/3.5T 2WD/4WD



MITSUBISHI

H3 Type

Model:4D29X41-030
Rated Output:36.8/2500kw/r.p.m
Rated Torque:190/(1600-1800) N.m/r.p.m
No. of cylinder:4
Bore*Stroke:93mm*105mm
Displacement:2.85L
Range:1.8T/2.5T/3.5T 2WD



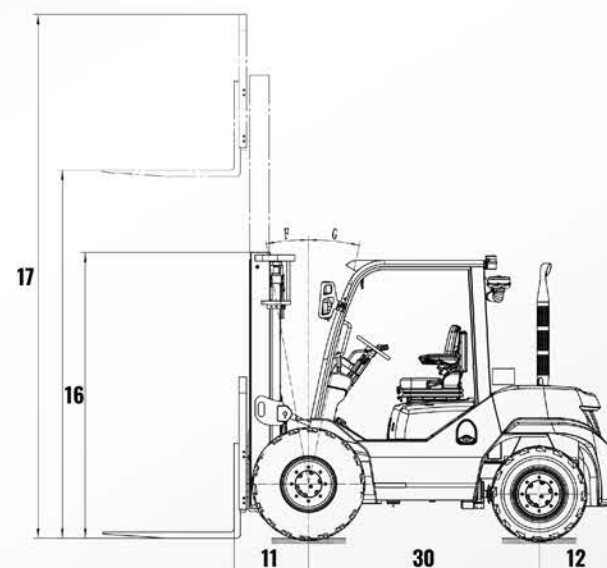
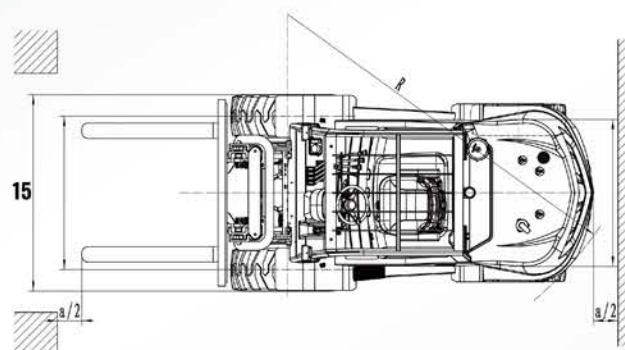
XINCHAI(common rail)

E3 Type

Model:L4CRV-T6(EU5+Stage 4)
Rated Output:42/2300kw/r.p.m
Rated Torque:208/1600 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:88mm*103mm
Displacement:2505 cc
Range:1.8T/2.5T/3.5T 2WD/4WD



LS



**ROUGH TERRAIN
FORKLIFT**
1.8-3.5T 2WD/4WD

X SERIES

Zhejiang Maxlion Intelligent Equipment Co., Ltd.
(Hangzhou Maxlion Forklift Imp & Exp Co., Ltd.)

FACTORY SITE: No. 2 Baisha Road, High-Tech Zone, Haining, Zhejiang Province, China
OFFICE ADD: Room 1408, East Building, Zancheng Center, No.9 Feiyunjiang Road,
Shangcheng District, Hangzhou, Zhejiang Province, China

SALES: info@max-mhe.com PARTS: parts@max-mhe.com TEL: 0086-571-28815951 0086-571-28001566 0086-571-28979901



X SERIES DIESEL ROUGH TERRAIN FORKLIFT



Maxlion Rough Terrain Forklifts are engineered to excel in challenging terrains and demanding outdoor settings. Renowned for their rugged design and superior capabilities, these forklifts are tailored to provide exceptional performance and versatility across a spectrum of industrial and outdoor applications.



Optimized Heat Dissipation

The introduction of an optimized heat dissipation channel significantly boosts efficiency by 30%. This design upgrade, coupled with a larger radiator, effectively mitigates potential overheating problems, ensuring consistent performance even under heavy workload or extended operation.



Enclosed Tyre Fender Design

The refined and enclosed tyre fender design acts as a shield, preventing mud and debris from infiltrating the forklift body. This enhancement not only maintains the cleanliness of the internal components but also reduces wear and tear on vital parts, enhancing longevity and reliability.



Improved Air Filtration System

A newly implemented air filtration system, strategically positioned and equipped with a higher-grade filter, effectively prevents dust and contaminants from infiltrating the air system. This advanced filtration design significantly improves air quality within the cabin, ensuring a healthier work environment.



Driver-Centric Design

The elevated steering wheel heightens ease of operation, providing a more ergonomic and comfortable driving experience. Additionally, the increased operational space and improved accessibility facilitate effortless entry and exit, enhancing overall operator comfort and reducing fatigue during prolonged usage.

MAIN FEATURES ☺

Improved Axle system

The improved axle design flawlessly resolves the oil leakage issue, allows either wheel to step over obstacles keeping the truck and load level.



Enhanced Transmission

The integration of a 2-gear Forward / 1-gear Reverse transmission system optimizes operational efficiency. This upgrade not only enhances overall performance but also reduces the likelihood of transmission-related failures, ensuring smoother and more reliable operation.



Rear hand grip with horn

Powerful Performance, High Efficiency

Smart and Safe, Ease In All Aspects



MAXLION

MAXLION ROUGH TERRAIN FORKLIFT SPECIFICATION

General	1	Type			4WD			2WD			
	2	Model			R4D18	R4D25	R4D35	R2D18	R2D25	R2D35	
	3	Power type			Diesel						
	4	Optional type			A3/B3/E3/H3(2WD)/Y3						
	5	Rated capacity		kg	1800	2500	3500	1800	2500	3500	
	6	Load centre		mm	500						
Characteristic & Dimension	7	Free lift height		mm	165	165	170	165	165	170	
	8	Fork size	L×W×T	mm	1070×100×35	1070×122×40	1070×125×45	1070×100×35	1070×122×40	1070×125×45	
	9	Fork regulating range	Min./max.	mm	200-1310	250-1310	250-1500	200-1310	250-1310	250-1500	
	10	Mast tilt angle	F/R	Deg	10°/12°	10°/12°	10°/12°	10°/12°	10°/12°	10°/12°	
	11	Front overhang		mm	580	580	595	580	580	595	
	12	Rear overhang		mm	605						
	13	Min. ground clearance(Bottom of mast)		mm	220						
	14	Overall dimensions	Length to face fork (without fork)	mm	3070	3070	3085	3070	3070	3085	
	15		Overall width	mm	1450	1450	1600	1557	1557	1600	
	16		Mast lowered height	mm	2230	2230	2325	2230	2230	2325	
	17		Mast extended height (with backrest)	mm	4170	4170	4300	4170	4170	4300	
	18		Overhead guard height	mm	2260	2260	2280	2260	2260	2280	
Performance	19	Turning radius(outside)		mm	3080			2859			
	20	Min.right angle aisle width (add load length and clearance)		mm	2630	2630	2690	2680	2680	2690	
	21	Speed	Travel(Laden/Unladen)	km/h	19/20	19/20	18/19	19/20	19/20	21/22	
	22		Lifting(Laden/Unladen)	mm/sec	540/560	540/560	440/460	540/560	540/560	440/460	
	23		Lowering(Laden/Unladen)	mm/sec	440						
	24	Max.Drawbar pull(Laden)		KN	38			17			
	25	Max.Gradeability(Laden)		%	50	50	45	20	20	16	
	26	Tyre	Front		12-16.5-12PR	12-16.5-12PR	14-17.5-14PR	12-16.5-12PR	12-16.5-12PR	14-17.5-14PR	
	27		Rear		10.0/75-15.3			27×10.5-15-14PR			
	28	Tread	Front	mm	1125	1125	1250	1250	1250	1250	
	29		Rear	mm	1198	1198	1198	1205	1205	1205	
	30	Wheelbase		mm	1880						
	31	Self weight		kg	4465	4850	5460	4115	4500	5180	
	32	Weight Distribution	Laden	Front	kg	5465	6600	7750	5145	6000	7700
	33			Rear	kg	800	750	1200	770	1000	980
34	Unladen		Front	kg	2015	2180	2500	1865	1810	2070	
35			Rear	kg	2450	2670	2960	2250	2690	3110	
Weight	36	Battery	Voltage/Capacity		V/Ah	12/90					
	37	Transmission	Manufacture			China					
	38		Stage	F/R		2/1			1/1		
	39	Operation pressure(For attachments)			MPa	18.1	18.1	20.5	18.1	18.1	20.5

MAST SPECIFICATION

MAST		TYPE	LIFTING HEIGHT ON FORK (mm)	OVERALL HEIGHT MAST LOWERED (mm)	FREE LIFT ON FORKS (mm)		MAST TILTING ANGLE FRONT/REAR	CAPACITY AT MAX.HEIGHT (Kg)	
					WITH Bracket	WITNOUT Bracket		WITHOUT SIDE SHIFT CARRIAGE	WITH SIDE SHIFT CARRIAGE
Wide View 2 stage mast	M330	1.8T	3300	2380	165	165	10/12°	1800	1600
		2.5T		2380	165	165	10/12°	2500	2300
		3.5T		2475	170	170	10/12°	3500	3300
	M350	1.8T	3500	2485	165	165	10/12°	1800	1600
		2.5T		2485	165	165	10/12°	2500	2300
		3.5T		2575	170	170	10/12°	3500	3300
	M400	1.8T	4000	2780	165	165	10/12°	1800	1600
		2.5T		2780	165	165	10/12°	2500	2300
		3.5T		2875	170	170	10/12°	3400	3200
	M450	1.8T	4500	3030	165	165	10/12°	1500	1300
		2.5T		3030	165	165	10/12°	2200	2000
		3.5T		3125	170	170	10/12°	3100	2900
Full free 3 stage mast	TFM400	1.8T	4000	2075	893	1338	10/12°	1800	1600
		2.5T		2075	893	1338	10/12°	2500	2300
		3.5T		2200	895	1340	10/12°	3400	3200
	TFM435	1.8T	4350	2200	1018	1463	10/12°	1800	1600
		2.5T		2200	1018	1463	10/12°	2400	2200
		3.5T		2325	1020	1466	10/12°	3000	2800
	TFM470	1.8T	4700	2315	1133	1578	10/12°	1650	1450
		2.5T		2315	1133	1578	10/12°	2100	1900
		3.5T		2440	1135	1580	10/12°	2800	2600
	TFM500	1.8T	5000	2450	1268	1716	6/6°	1500	1300
		2.5T		2450	1268	1716	6/6°	1900	1700
		3.5T		2575	1270	1715	6/6°	2600	2400
	TFM600	1.8T	6000	2800	1618	2063	6/6°	800	600
		2.5T		2800	1618	2063	6/6°	1200	1000
		3.5T		2925	1620	2065	6/6°	1900	1700
	TFM650	1.8T	6500	3015	1833	2278	6/6°	500	300
		2.5T		3015	1833	2278	6/6°	700	500
		3.5T		3140	1835	2280	6/6°	1300	1100

