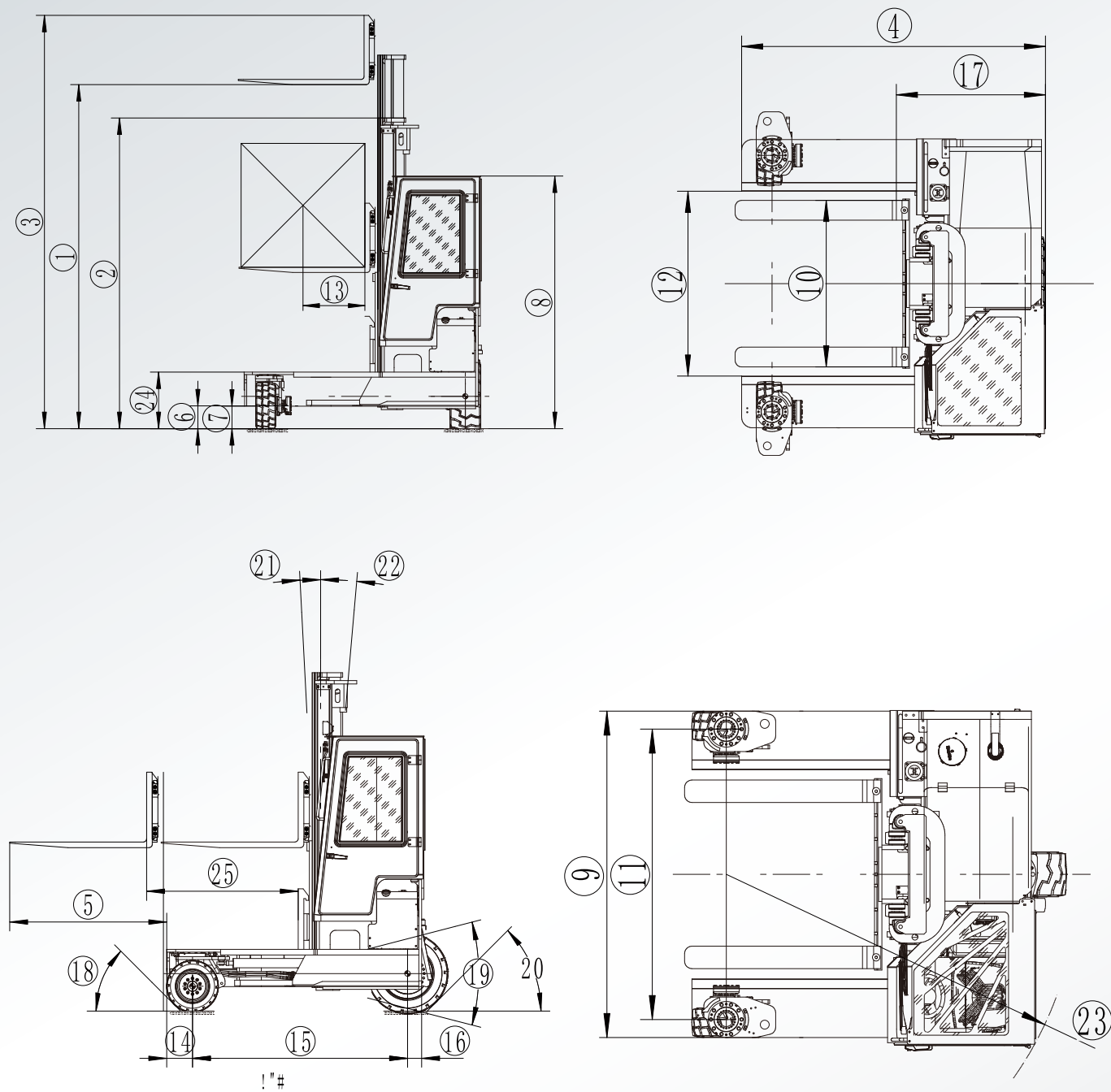




Zhejiang Maxlion Intelligent Equipment Co., Ltd.
(Hangzhou Maxlion Forklift Imp & Exp Co., Ltd.)

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3.5-5T MAXLION
Multi Directional Side Loader
Design For Long Loads Handling

X SERIES



ZHEJIANG MAXLION

ZHEJIANG MAXLION INTELLIGENT EQUIPMENT CO., LTD. was established in 2019

1.8T-12T
ICE forklift

1.5T-3.8T
New Li-Ion battery forklift

2.5T-10T
Forklift Electrification

1.8T-3.5T
Rough terrain forklifts

1.5T-3.0T
Compact tele-trucks

3.5T-5.0T
Side loaders



Currently, Maxlion's product range covers 6 major categories, including

Zhejiang Maxlion Forklift Manufacturing Co., Ltd. is a professional forklift manufacturer integrating R&D, manufacturing, sales, and service. Established in 2019, the company brings together a team of industry experts with nearly 20 years of experience in the material handling sector. With a complete industrial chain covering engineering design, production, marketing, after-sales service, and OEM solutions, Maxlion has positioned itself as a comprehensive and capable enterprise.

Currently, the company has over 100 employees, including 15 professional engineers, and holds 18 national patents spanning invention, utility model, and design patents.

The year 2024 marks a significant milestone in the company's development. In June, Maxlion Intelligent secured industrial land in Haining High-Tech Zone, Zhejiang, and officially launched the construction of a new factory in July. The project covers an area of approximately 20,000 square meters and is planned to achieve an annual production capacity of 8,000 units of new energy and specialized forklifts. On August 18, we held a grand opening ceremony to celebrate the official launch of the new factory — a historic moment that highlights Maxlion's commitment to growth and innovation.



Meanwhile, Maxlion has successfully registered its brand trademark in over 20 countries and regions, including the European Union, the United States, Australia, Algeria, and Brazil, marking significant progress in its global strategic layout.

Adhering to the philosophy of "Innovation-driven, Quality-oriented," Maxlion continues to optimize traditional products while focusing on the development of new energy and specialized forklifts. We are customer-focused and committed to delivering high-value solutions and comprehensive professional services. We look forward to working hand-in-hand with global partners to build a brighter future for the material handling industry.



SPECIAL TRUCK FORKLIFT



Dive into forklift manufacturing.
Focus on Niche products
development.
Devoted to produce value.

Compact Tele-truck
1.5-3T



Diesel Rough terrain
1.8T2.5T3.5T 2WD



3.5-5.0T Multi-directional
Side Loader



Diesel Rough terrain
1.8T2.5T3.5T 4WD



Electric Multi-directional
Side Loader 3.5-5.0T



Electric Tele-truck
1.5-3.0T



IC FORKLIFT



Diesel 1.8-3.8T



LPG&Gasoline 1.8-3.5T



NEW Diesel 4.5T X5T 5.5T



Diesel 5-7T



NEW

Diesel 10T



NEW

Diesel 12T



PORT MACHINERY



Compact16.0T Diesel Forklift



16.0-18.0 Diesel Forklifts



25.0T Diesel Forklift



45T Reach
Stacker
CRS4532



WAREHOUSE EQUIPMENT



Electric Stacker



Double Deep
Reach Truck



Pantograph
Reach
Stacker



Order picker



Reach Truck



Electric Pallet Truck



ELECTRIC FORKLIFT



X Series
New Li-ion Electric Forklift 1.5-3.8T



X Series
Li-ion Battery Rough Terrain 1.8T 2.5T 2WD



X Series
3-Wheel Li-ion Electric Forklift 1.5-1.8T



X Series
Forklift Electrification 2.5-3.5T



NEW X Series
Forklift Electrification 4.5-5.5T



NEW X Series
Forklift Electrification 7-10T



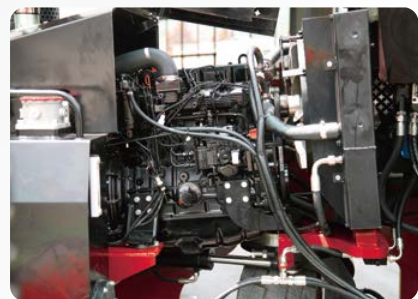
X SERIES

3.5-5T MAXLION

Multi Directional Side Loader



Maxlion side loaders serve as a cornerstone solution for industries requiring the efficient handling of long loads within confined spaces. Their versatility, precision, and safety features make them indispensable tools in modern material handling operations, addressing the specific challenges posed by long and cumbersome loads.



Japan Brand Yanmar Engine

The adoption of a Yanmar engine, renowned for its reliability and efficiency, ensures powerful performance and fuel economy, contributing to the forklift's overall reliability.



3-Wheel Hydrostatic Drive System

Electronic control variable pump achieves smooth lateral deceleration, the hydrostatic drive system with three wheels offers enhanced maneuverability, stability, and control, allowing for precise and efficient movement in various operational environments.



Redesigned Fully Enclosed Cabin

The updated cabin design offers improved comfort, better visibility, and ergonomic enhancements for the operator, allowing for more efficient and controlled handling of the forklift.

MAIN FEATURES

Accessible Maintenance Side Compartment

The side compartment is designed for easy accessibility, simplifying maintenance procedures and reducing downtime for repairs and servicing.



Simplified and Reliable Mechanical Valve System

The integration of a dependable mechanical valve system improves operational comfort, providing smoother and more precise control during forklift operations.



LED Lights for Enhanced Visibility

Equipping the forklift with LED lights enhances visibility in low-light conditions, increasing safety and productivity, especially in dimly lit work environments.



Mast Constructed from Krupp Steel

Utilizing Krupp steel for the mast ensures robustness, durability, and stability during lifting operations, enhancing overall load-bearing capacity and safety.



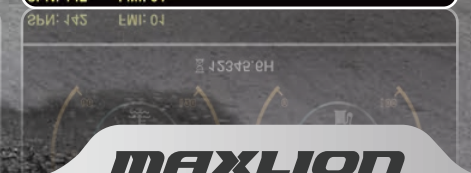
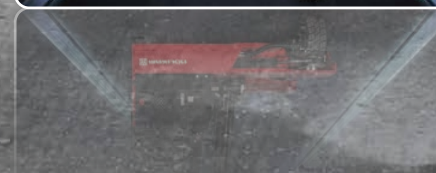
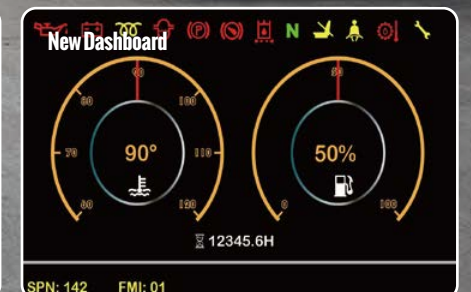
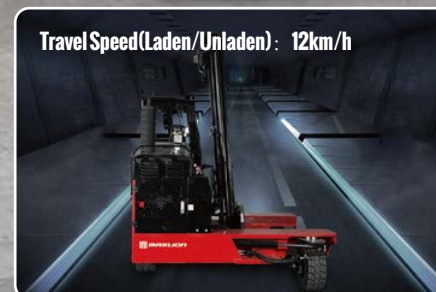
Engine Temperature Meter Visibility

The inclusion of a visible engine temperature meter aids operators in monitoring engine performance and ensuring optimal operating conditions for the forklift.



Powerful Performance, High Efficiency

Smart and Safe, Ease In All Aspects



MAXLION

MAXLION SIDE LODER FORKLIFT SPECIFICATION

	Model		FDD35-AJ	FDD45-AJ	FDD50-AJ
	Model		4TNE98		
	Engine	Rated power	kw/rpm	43/2300	
	maximum torque		N.m/rpm	186-206/1700	
	Rated capacity		KG	3500	5000
	Self weight		KG	5400	6800
	Max. Gradeability(Laden)		%	13.5	13.5
	Travel speed(Laden)		kw/h	12	12.6
	Fork size		mm	920×150×50	1220×150×50
	Front tyre		/	200/50-10	23×10-12
	Rear tyre		/	355/50-15	355/50-15
	Overall dimensions(L×W×H)		mm	2155×2276×2450	2750×2295×2550
	Front overhang		mm	344	399
	Back overhang		mm	360	360
1a	Lift height		mm	4000	4000
1b	Free lift		mm	0	0
2	Mast lowered height		mm	2855	3265
3	Mast extended height		mm	4993	5403
4	overall length		mm	1940	2520
5	Fork exceed platform distance		mm	1035	1318
6	Ground clearance under mast		mm	185	338
7	Ground clearance under platform		mm	193	305
8	Overhead guard		mm	2450	2550
9	Overall width		mm	2276	2295
10	Fork adjust range(outside of forks)		mm	300/1260	300/1260
11	Front Tread		mm	1980	1995
12	Work platform width(inside)		mm	1397	1398
13	Load centre		mm	450	600
14	Front wheel center to the front of the Platform distance		mm	230	300
15	Wheelbase		mm	1565	2070
16	Rear wheel center to the back of the Platform distance		mm	130	130
17	Length to face of forks		mm	1190	1209
18	Approach angle		Deg	45°	45°
19	Break-over Angle		Deg	29°	29°
20	Departure angle		Deg	45°	45°
21	Mast tilt angle(Front)		Deg	3°	3°
22	Mast tilt angle(Rear)		Deg	5°	5°
23	Min. turning radius(straight)		mm	2075	2505
	Minimum turning radius(traverse)		mm	1485	1545
24	Platform height		mm	548	700
25	Maximum forward movement of the frame		mm	950	1315

Type	Model	Lifting Height	Overall Height Mast Lowered			Mast extended height			Free lift		Fronthang				Mast Tilting Angle Front /Rear	Capacity at Max.height		
			3.5T	4.5T	5.0T	3.5T	4.5T	5.0T	3.5T-4.5T	5.0T	3.5T	4.5T	5.0T			3.5T	4.5T	5.0T
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			kg	kg	kg
Wide view 2 stage mast	M450	4500	3105	3265	3515	5493	5653	5913	0	0	360	365	376	3°-5°		2950	3950	4400
	M500	5000	3355	3515	3765	5993	6153	6413	0	0	360	365	376	3°-5°		2725	3725	4200
	M550	5500	3655	3815	4065	6493	6653	6913	0	0	360	365	376	3°-5°		2500	3500	3950
	M600	6000	3905	4065	4315	6993	7153	7413	0	0	360	365	376	3°-5°		2280	3280	3700
	M650	6500	4195	4355	4605	7493	7653	7913	0	0	360	365	376	3°-5°		2000	3000	3400
Full free 3 stage mast	TFM450	4500	2279	2349	2599	5393	5463	5723	1365	1465	413	418	422	3°-5°		2650	3650	4100
	TFM500	5000	2478	2548	2798	5893	5963	6223	1561	1664	413	418	422	3°-5°		2425	3425	3850
	TFM540	5400	2603	2673	2923	6293	6363	6623	1689	1789	413	418	422	3°-5°		2200	3200	3600
	TFM600	6000	2843	2913	3163	6893	6963	7223	1929	2029	413	418	422	3°-5°		1980	2980	3350
	TFM650	6500	3043	3113	3363	7393	7463	7723	2129	2229	413	418	422	3°-5°		1700	2650	3050
	TFM700	7000	3243	3313	3563	7893	7963	8223	2329	2429	413	418	422	3°-5°		1350	2300	2650
	TFM750	7500	3443	3513	3763	8393	8463	8723	2529	2629	413	418	422	3°-5°		1000	1800	2150
	TFM800	8000	3643	3713	3963	8893	8963	9223	2729	2829	413	418	422	3°-5°		600	1200	1400
	TFM850	8500	3843	3913	4163	9393	9463	9723	2929	3029	413	418	422	3°-5°		200	700	800

JJ Type

Model:V2607(EU5•Stage 4)
Rated Output:48/2400kw/r.p.m
Rated Torque:225/1500N.m/r.p.m
No. of cylinder:4
Bore*Stroke:87mm•110mm
Displacement:2.615L



KUBOTA

AJ Type

Model:4TNE98
Rated Output:42.1/2300kw/r.p.m
Rated Torque:186-206/1700N.m/r.p.m
No. of cylinder:4
Bore*Stroke:98•110mm
Displacement:3.318L



YANMAR

Electric Power

LOADING....