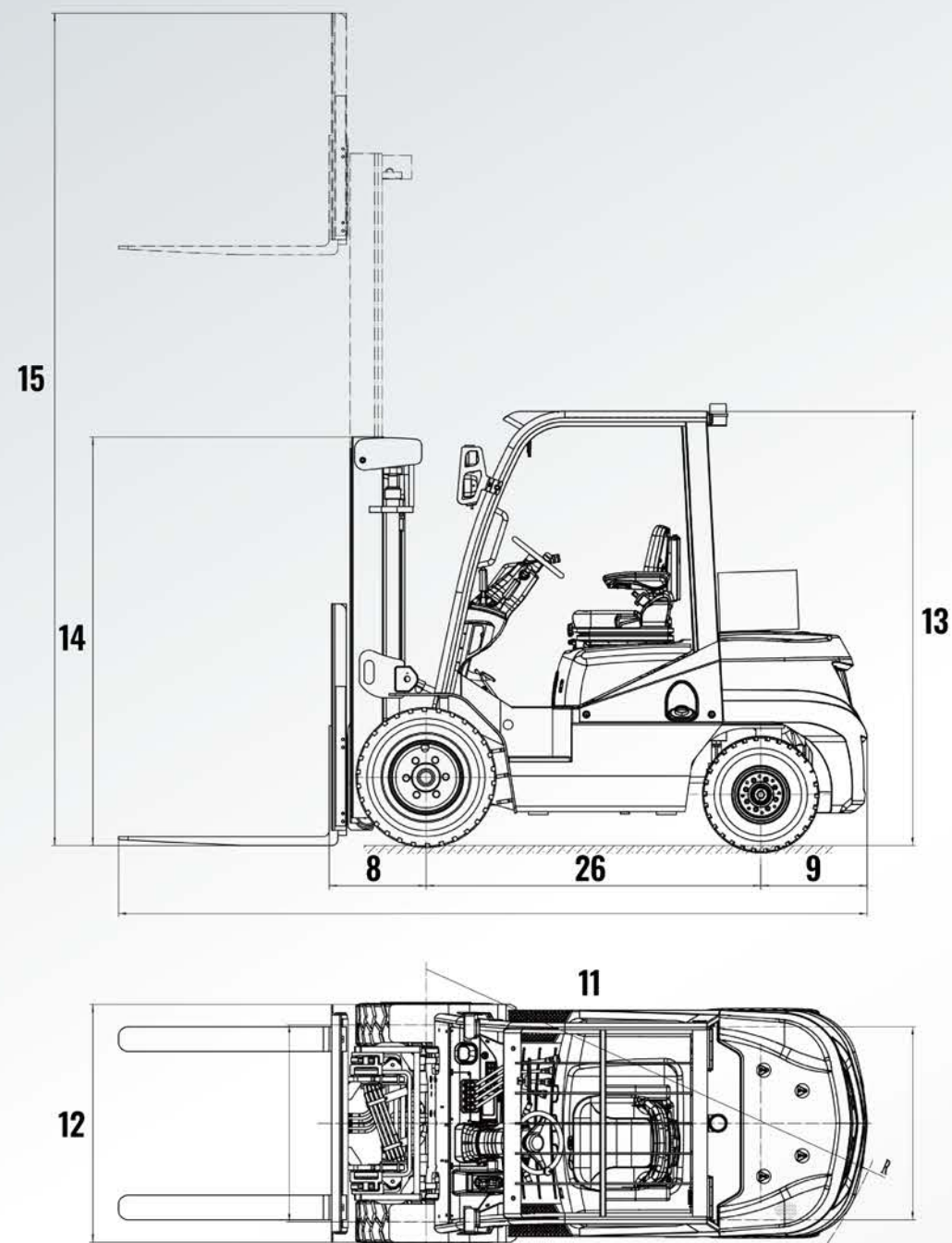




ICE FORKLIFT

1.8-3.5T Gasoline/LPG
1.8-3.8T Diesel

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

ZHEJIANG MAXLION

ZHEJIANG MAXLION INTELLIGENT EQUIPMENT CO., LTD.
was established on April 7, 2024.

1.8T-12T
ICE forklift

1.5T-3.8T
New Li-Ion battery forklift

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 5 major categories, including

The brand MAXLION has been successfully registered in many countries, including China, the European Union, the United States, Australia, New Zealand, Turkey, Brazil, and others. In June of 2024, Maxlion Intelligent successfully acquired land in the High-tech Zone of Haining, Zhejiang Province. In July, the construction of the new MAXLION factory officially began, with a total investment of 120 million RMB, covering an area of 20,000 square meters, and an annual designed production capacity of 8,000 units of new energy and special forklifts. The new factory is expected to be completed and officially put into operation in May 2025.

The company's predecessor was Zhejiang Maximal Import & Export Co., Ltd. (ZMIE). Currently, the group has over 80 employees, including 15 engineers, and has obtained a total of 18 national invention patents, utility model patents, and design patents. Over half of the team members have more than 15 years of experience in the material handling equipment industry and have strong capabilities in engineering design, production management, marketing, after-sales service, OEM solutions, and industry resource integration.



浙江美狮智能装备有限公司

The company places great emphasis on new product development and innovation. While excelling in traditional forklifts, it is continuously exploring and researching specialized products for niche market sectors. With a market-oriented approach and a focus on creating customer value, we are committed to providing customers with high-quality products, reasonable prices, and excellent services. We sincerely welcome both new and old customers, as well as overseas industry partners, to engage in extensive communication and cooperation to create a bright future together!



X SERIES

1.8-3.5T Gasoline/LPG

1.8-3.8T Diesel



Maxlion independently developed the new product, an innovative line of internal combustion counterbalance forklifts, integrating cutting-edge technologies from its original products. This revamped series prioritizes enhanced aesthetics, energy efficiency, eco-friendliness, operator comfort, security, and reliability. These advancements aim to position the new series as a top-tier forklift range meeting diverse operational needs on a global scale.



Ergonomic Design for Comfort

Provides a raised steering wheel and operating handle.



Premium Exterior Design

Modern design for an appealing appearance
LED lights, USB port, Waterproof connectors



High Cost-effectiveness

Implements strict cost control of high-quality core components
Mature supply chain ensures premium configuration while maintaining cost-effectiveness



Optimized Internal Space

Expanded internal frame space facilitates easier and more convenient maintenance procedures.

MAIN FEATURES

Waterproof Connectors

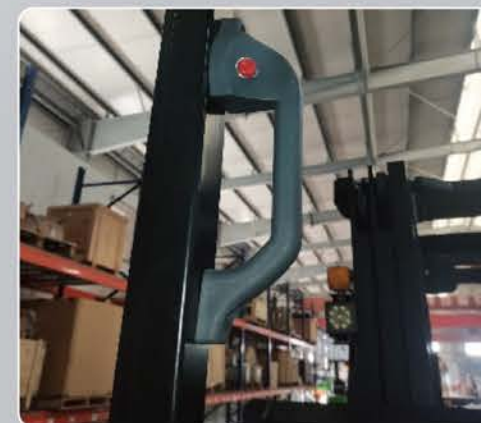
Complete vehicle waterproof connectors ensure reliability and safety in various conditions.



Blue light(Standard)



Rear hand grip with horn (Standard)



Improved Cooling System

Enlarged water tank and optimized heat dissipation channels significantly enhance the vehicle's cooling efficiency, ensuring optimal performance even under high-temperature conditions.



Improved Guard Design

Inclined shelves and a horizontal rail design on the top guard have been incorporated to enhance overall visibility.



Enhanced Visibility

The mast design offers an expanded field of view, supported by rear-mounted pipelines and an extended top for improved visibility during operations.



Reinforced Hood Hinges

Strengthened hood hinges for increased durability and longevity.
Enhanced Braking System: Incorporation of a suspended brake pedal for improved braking efficiency and control.

Powerful Performance, High Efficiency

Smart and Safe, Ease In All Aspects



Ground Clearance: 125-140mm



Travel Speed(Laden/Unladen): 19/18km/h



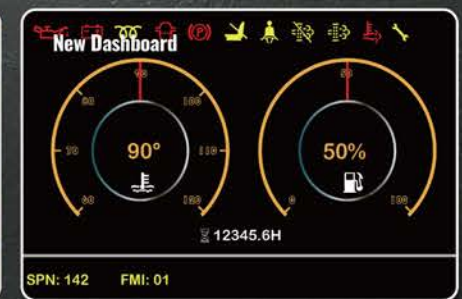
Lifting Speed: 460/440mm/s



Max. Gradeability(Laden): 20%



Optimal visibility of 3-stage mast



New Dashboard

SPN: 142 FMI: 01

26V: 145 EMI: 04

MAXLION

MAXLION ICE FORKLIFT SPECIFICATIONS

General	1	Model				FD18	FD25	FD30	
	2	Type				R3(1.8T)/S3(1.8T)/A3/B3/E3/{3}3/Q3/F3/Y3/{1}3			
	3	Rated capacity			kg	1800	2500	3000	
	4	Load center			mm	500			
Characteristic & Dimension	5	Lift height			mm	3000			
	6	Mast tilt angle	F/R		Deg	6°/10°	6°/12°		
	7	Fork size	L×W×T		mm	920×100×35	1070×122×40	1070×122×45	
	8	Front overhang			mm	405	476	490	
	9	Rear overhang			mm	485	545	530	
	10	Min. ground clearance (Bottom of mast)			mm	125	125	140	
	11	Overall dimensions	Length to face of fork(without fork)		mm	2290	2620	2700	
	12		Overall width		mm	1090	1150	1210	
	13		Overall height	Overhead guard height		mm	2105	2180	2205
	14			Mast		mm	2000	2010	2075
	15			Mast extended height		mm	3885	3990	4100
	16	Min turning radius			mm	2080	2230	2450	
Performance	17	Speed	Travel (Unladen/Laden)		km/h	17/16(Diesel)	18/17(Diesel)	19/18(Diesel)	
	18		Lifting (Unladen/Laden)		mm/sec	560/500(Diesel)	500/480(Diesel)	420/400(Diesel)	
	19		Lowering (Unladen/Laden)		mm/sec	420	400	400	
	20	Max. Drawbar pull (Unladen/Laden)			KN	15/17	15/17	15/17	
	21	Max. Gradeability (Laden)			%	20	20	20	
Tyre	22	Tyre		Front	/	6.5-10-10PR	7.00-12-12PR	28*9-15-14PR	
	23			Rear	/	5.00-8-10PR	6.00-9-10PR	6.50-10-10PR	
	24	Tread		Front	mm	900	970	1000	
	25			Rear	mm	930	980	980	
	26	Wheelbase			mm	1400	1600	1700	
Weight	27	Self weight			kg	2900	3830	4430	
	28	Weight Distribution		Laden	Front Axle	kg	4090	5590	6550
	29			Rear Axle	kg	610	740	880	
	30			Unladen	Front Axle	kg	1240	1570	1800
	31				Rear Axle	kg	1660	2260	2630

MAXLION ICE FORKLIFT SPECIFICATIONS

General	1	Model				FGL/FL18	FGL/FL25	
	2	Type				T3(1.8T)/C3/P3/N3		
	3	Rated capacity			kg	1800	2500	
	4	Load center			mm	500		
Characteristic & Dimension	5	Lift height			mm	3000		
	6	Mast tilt angle	F/R		Deg	6°/10°	6°/12°	
	7	Fork size	L×W×T		mm	920×100×35	1070×122×40	
	8	Front overhang			mm	405	476	
	9	Rear overhang			mm	485	545	
	10	Min. ground clearance (Bottom of mast)			mm	125	125	
	11	Overall dimensions	Length to face of fork(without fork)		mm	2290	2620	
	12		Overall width		mm	1090	1150	
	13		Overall height	Overhead guard height	mm	2105	2180	
	14			Mast	mm	2000	2010	
	15			Mast extended height	mm	3885	3990	
	16	Min turning radius			mm	2080	2230	
Performance	17	Speed	Travel (Unladen/Laden)		km/h	16/15(Gasoline/LPG)	18/17(Gasoline/LPG)	
	18		Lifting (Unladen/Laden)		mm/sec	500/470(Gasoline/LPG)	500/480(Gasoline/LPG)	
	19		Lowering (Unladen/Laden)		mm/sec	420	400	
	20	Max. Drawbar pull (Unladen/Laden)			KN	15/17	15/17	
	21	Max. Gradeability (Laden)			%	20	20	
Tyre	22	Tyre		Front	/	6.5-10-10PR	7.00-12-12PR	
	23			Rear	/	5.00-8-10PR	6.00-9-10PR	
	24	Tread		Front	mm	900	970	
	25			Rear	mm	930	980	
	26	Wheelbase			mm	1400	1600	
Weight	27	Self weight			kg	2900	3830	
	28	Weight Distribution		Laden	Front Axle	kg	4090	5590
	29			Rear Axle	kg	610	740	
	30			Unladen	Front Axle	kg	1240	1570
	31				Rear Axle	kg	1660	2260

MAXLION ICE FORKLIFT SPECIFICATIONS

General	1	Model				FD35	FD38	
	2	Type				A3/B3/E3/(3)3/Q3/F3/Y3/G3/(1)3		
	3	Rated capacity			kg	3500	3800	
	4	Load center			mm	500		
Characteristic & Dimension	5	Lift height			mm	3000		
	6	Mast tilt angle	F/R		Deg	6°/12°		
	7	Fork size	L×W×T		mm	1070×122×50	1070×122×50	
	8	Front overhang			mm	510	510	
	9	Rear overhang			mm	607	635	
	10	Min. ground clearance (Bottom of mast)			mm	140	140	
	11	Overall dimensions	Length to face of fork(without fork)		mm	2770	2798	
	12		Overall width		mm	1210	1210	
	13		Overall height	Overhead guard height		mm	2205	2205
	14			Mast		mm	2150	2150
	15			Mast extended height		mm	4100	4100
	16	Min turning radius			mm	2520	2545	
Performance	17	Speed	Travel (Unladen/Laden)		km/h	19/18(Diesel)	19/17(Diesel)	
	18		Lifting (Unladen/Laden)		mm/sec	350/330(Diesel)	350/330(Diesel)	
	19		Lowering (Unladen/Laden)		mm/sec	450	450	
	20	Max. Drawbar pull (Unladen/Laden)			KN	15/17	15/17	
	21	Max. Gradeability (Laden)			%	18	16	
Tyre	22	Tyre		Front	/	28*9-15-14PR	28*9-15-14PR	
	23			Rear	/	6.50-10-10PR	6.50-10-10PR	
	24	Tread		Front	mm	1000	1000	
	25			Rear	mm	980	980	
	26	Wheelbase			mm	1700	1700	
Weight	27	Self weight			kg	4800	4950	
	28	Weight Distribution	Laden	Front Axle	kg	7340	7750	
	29			Rear Axle	kg	960	1000	
	30		Unladen	Front Axle	kg	1850	1880	
	31			Rear Axle	kg	2950	3070	

MAXLION ICE FORKLIFT SPECIFICATIONS

General	1	Model				FGL/FL30	FGL/FL35	
	2	Type				C3/P3/N3		
	3	Rated capacity			kg	3000	3500	
	4	Load center			mm	500		
Characteristic & Dimension	5	Lift height			mm	3000		
	6	Mast tilt angle	F/R		Deg	6°/12°		
	7	Fork size	L×W×T		mm	1070×122×45	1070×122×50	
	8	Front overhang			mm	490	510	
	9	Rear overhang			mm	530	607	
	10	Min. ground clearance (Bottom of mast)			mm	140	140	
	11	Overall dimensions	Length to face of fork(without fork)		mm	2700	2770	
	12		Overall width		mm	1210	1210	
	13		Overall height	Overhead guard height		mm	2205	2205
	14			Mast		mm	2075	2150
	15			Mast extended height		mm	4100	4100
	16	Min turning radius			mm	2450	2520	
Performance	17	Speed	Travel (Unladen/Laden)		km/h	19/18(Gasoline/LPG)		
	18		Lifting (Unladen/Laden)		mm/sec	420/400(Gasoline/LPG)	350/330(Gasoline/LPG)	
	19		Lowering (Unladen/Laden)		mm/sec	400	450	
	20	Max. Drawbar pull (Unladen/Laden)			KN	15/17	15/17	
	21	Max. Gradeability (Laden)			%	20	18	
Tyre	22	Tyre	Front		/	28*9-15-14PR		
	23		Rear		/	6.50-10-10PR		
	24	Tread	Front		mm	1000		
	25		Rear		mm	980		
	26	Wheelbase			mm	1700		
Weight	27	Self weight			kg	4430	4800	
	28	Weight Distribution	Laden	Front Axle	kg	6550	7340	
	29			Rear Axle	kg	880	960	
	30		Unladen	Front Axle	kg	1800	1850	
	31			Rear Axle	kg	2630	2950	



MAST SPECIFICATION

Type	Model	Max fork height	Overall height			Free lift		Front overhang	Tilt range		Capacity
			Lowered	Extended		Without backrest	With backrest	1.8t	FWD	BWD	Load capacity at 500mm
				Without backrest	With backrest						Single tyre
				1.8t	1.8t						1.8t
		mm	mm	mm	mm	mm	mm	Deg	Deg	kg	
Wide view 2 stage mast	M400	4000	2550	4885	4530	135	135	405	6	6	1700
Full free 3 stage mast	TFM480	4800	2200	5695	5345	1635	1335	440	6	6	1300
	TFM500	5000	2300	5895	5545	1725	1425	440	6	6	1200
	TFM600	6000	2650	6895	6545	2075	1775	440	3	6	550
	TFM650	6500	2815	7395	7045	2145	1945	440	3	6	300

Type	Model	Max fork height	Overall height			Free lift		Front overhang	Tilt range		Capacity
			Lowered	Extended		Without backrest	With backrest		FWD	BWD	Load capacity at 500mm
				Without backrest	With backrest			Single tyre			
				2.5t	2.5t			2.5t			2.5t
mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg		
Wide view 2 stage mast	M330	3300	2160	3875	4390	160	160	476	6	12	2500
	M350	3500	2260	4075	4590	160	160	476	6	12	2500
	M400	4000	2560	4575	5090	160	160	476	6	6	2500
	M450	4500	2810	5075	5590	160	160	476	6	6	2100
	M500	5000	3060	5575	6090	160	160	476	6	6	1600
	M600	6000	3610	6575	7090	160	160	476	3	6	900
Full free 3 stage mast	TFM435	4350	2060	4953	5440	1457	970	495	6	6	2200
	TFM450	4500	2110	5103	5590	1507	1020	495	6	6	2000
	TFM480	4800	2210	5403	5890	1607	1120	495	6	6	1700
	TFM500	5000	2310	5603	6090	1707	1220	495	6	6	1500
	TFM600	6000	2660	6603	7090	2057	1570	495	3	6	800
	TFM650	6500	2875	7103	7590	2272	1785	495	3	6	500

Type	Model	Max fork height	Overall height						Free lift				Front overhang		Tilt range		Capacity	
			Lowered	Extended				Without backrest		With backrest		Without backrest					With backrest	
				Without backrest		With backrest								Single tyre				
				3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t	FWD
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg
Wide view 2 stage mast	M330	3300	2225	2300	3938	4008	4482	4477	165	170	165	170	490	510	6	12	3000	3500
	M350	3500	2325	2400	4138	4208	4682	4677	165	170	165	170	490	510	6	12	3000	3500
	M400	4000	2625	2700	4638	4708	5182	5177	165	170	165	170	490	510	6	6	3000	3300
	M450	4500	2875	2950	5138	5208	5682	5677	165	170	165	170	490	510	6	6	2600	2900
	M500	5000	3125	3200	5638	5708	6182	6177	165	170	165	170	490	510	6	6	2100	2400
	M600	6000	3675	3750	6638	6708	7182	7177	165	170	165	170	490	510	3	6	1300	1400
Full free 3 stage mast	TFM435	4350	2075	2150	5068	5138	5532	5527	1357	1362	893	973	500	510	6	6	2800	3100
	TFM450	4500	2125	2200	5218	5288	5682	5677	1407	1412	943	1023	500	510	6	6	2500	2800
	TFM480	4800	2225	2300	5518	5588	5982	5977	1507	1512	1043	1123	500	510	6	6	2250	2500
	TFM500	5000	2325	2400	5718	5788	6182	6177	1607	1612	1143	1223	500	510	6	6	2100	2300
	TFM600	6000	2675	2750	6718	6788	7182	7177	1957	1962	1493	1573	500	510	3	6	1200	1300
	TFM650	6500	2892	2965	7218	7288	7682	7677	2174	2177	1710	1788	500	510	3	6	700	800

Type	Model	Max fork height	Overall height			Free lift		Front overhang	Tilt range		Capacity	
			Lowered	Extended		Without backrest	With backrest		3.8t	FWD	BWD	Load capacity at 500mm
				Without backrest	With backrest							Single tyre
		mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	
Wide view 2 stage mast	M330	3300	2300	4008	4477	170	170	510	6	12	3800	
	M350	3500	2400	4208	4677	170	170	510	6	12	3800	
	M400	4000	2700	4708	5177	170	170	510	6	6	3600	
	M450	4500	2950	5208	5677	170	170	510	6	6	3200	
	M500	5000	3200	5708	6177	170	170	510	6	6	2700	
	M600	6000	3750	6708	7177	170	170	510	3	6	1500	
Full free 3 stage mast	TFM435	4350	2150	5138	5527	1362	973	510	6	6	3400	
	TFM450	4500	2200	5288	5677	1412	1023	510	6	6	3100	
	TFM480	4800	2300	5588	5977	1512	1123	510	6	6	2800	
	TFM500	5000	2400	5788	6177	1612	1223	510	6	6	2600	
	TFM600	6000	2750	6788	7177	1962	1573	510	3	6	1400	
	TFM650	6500	2965	7288	7677	2177	1788	510	3	6	800	

Diesel Engines

A3 Type

Model:4TNE 98
Rated Output:43/2300kw/r.p.m
Rated Torque:186/1700 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:98mm-110mm
Displacement:3.319L
Range:2.5T/3T/3.5T/3.8T Diesel



YANMAR

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:2.5T/3T/3.5T/3.8T Diesel



mitsubishi

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:2.5T/3T/3.5T/3.8T Diesel



LS

S3 Type

Model:4N23G31-007
Rated Output:30/2600kw/r.p.m
Rated Torque:131/(1700-1900) N.m/r.p.m
No. of cylinder:4
Bore*Stroke:85mm-100mm
Displacement:2.27L
Range:1.8T Diesel



XINCHAI

R3 Type

Model:4TNE 92
Rated Output:33/2450kw/r.p.m
Rated Torque:150/1600 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:91mm-110mm
Displacement:2.659L
Range:1.8T Diesel



YANMAR

(3)3 Type

Model:C240NKFC-01
Rated Output:34.6kw/2500rpm
Rated Torque:139N.m/1800r.p.m
No. of cylinder:4
Bore*Stroke:86mm-102mm
Displacement:2.369L
Range:2.5T/3T Diesel



XINCHAI

Q3 Type

Model:3E22YG51(EU5+Stage 4)
Rated Output:44.8/2400kw/r.p.m
Rated Torque:210/(1600-1800) N.m/r.p.m
No. of cylinder:3
Bore*Stroke:94mm-107mm
Displacement:2.23L
Range:2.5T/3T/3.5T/3.8T Diesel



XINCHAI

G3 Type

Model:4D32G31-004
Rated Output:36.8/2400kw/r.p.m
Rated Torque:186/(1600-1800) N.m/r.p.m
No. of cylinder:4
Bore*Stroke:98mm-105mm
Displacement:3.17L
Range:3.5T/3.8T Diesel



XINCHAI

F3 Type

Model:4D27G31-012
Rated Output:36.8/2500kw/r.p.m
Rated Torque:156/(1700-1900) N.m/r.p.m
No. of cylinder:4
Bore*Stroke:90mm-105mm
Displacement:2.67L
Range:2.5T/3T Diesel



XINCHAI

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:2.5T/3T/3.5T/3.8T Diesel



KUBOTA

(1)3 Type

Model:C490BPG
Rated Output:40 kw/2650rpm
Rated Torque:160/(1800-2000) N.m/r.p.m
No. of cylinder:4
Bore*Stroke:90mm-105mm
Displacement:2.67L
Range:2.5T/3T/3.5T Diesel



XINCHAI

kg

1800

1500

1200

900

600

300

500

600

700

800

900

1000

1100

1200

4000mm MAST

4350mm MAST

4500mm MAST

4800mm MAST

5000mm MAST

5500mm MAST

6000mm MAST

1.8t

kg

2500

2000

1500

1000

500

500

600

700

800

900

1000

1100

1200

≤4000mm MAST

4350mm MAST

4500mm MAST

5000mm MAST

5500mm MAST

5400mm MAST

6000mm MAST

2.5t

kg

3000

2500

2000

1500

1000

500

500

600

700

800

900

1000

1100

1200

≤4000mm MAST

4350mm MAST

4500mm MAST

5000mm MAST

6000mm MAST

5400mm MAST

6000mm MAST

3.0t

kg

3500

3000

2500

2000

1500

1000

500

500

600

700

800

900

1000

1100

1200

≤4000mm MAST

4350mm MAST

4500mm MAST

5000mm MAST

6000mm MAST

5400mm MAST

6000mm MAST

3.5t

kg

3500

3000

2500

2000

1500

1000

500

500

600

700

800

900

1000

1100

1200

≤4000mm MAST

4350mm MAST

4500mm MAST

5000mm MAST

6000mm MAST

5400mm MAST

6000mm MAST

3.8t

LPG Engines

C3 Type

Model:K25
Rated Output:37.4/2300kw/r.p.m
Rated Torque:176.5/1600 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:89mm-100mm
Displacement:2.488L
Range:2.5T/3T/3.5T LPG&GASOLINE



GCT

P3 Type

Model:HMC 2.4L L4KB CF32(EU5/Stage4)
Rated Output:43.5/2600 kw/r.p.m
Rated Torque:173/2000 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:88mm-97mm
Displacement:2.359L
Range:2.5T/3T/3.5T LPG



HYUNDAI

T3 Type

Model:K21
Rated Output:31.2/2250kw/r.p.m
Rated Torque:143.7/1800 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:89mm-83mm
Displacement:2.065L
Range:1.8T LPG&GASOLINE



GCT

N3 Type

Model:HMC 2.4L L4KB CF32(Stage4)
Rated Output:43.5/2600 kw/r.p.m
Rated Torque:173/2000 N.m/r.p.m
No. of cylinder:4
Bore*Stroke:88mm-97mm
Displacement:2.359L
Range:2.5T/3T/3.5T Gasoline& LPG



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MAXLION