

R Series

1.0 / 1.5 / 1.8 / 2.0 / 2.5
3.0 / 3.5 / 4.0 / 4.5 / 5.0 T
Gasoline / LPG



OKAMURA
New floating type

OKAMURA 2-3t T / M is Floating Types, The only one in China. Floating types are designed to reduce the transmission of vibrations to the chassis in small and mid-sized (1 to 5 tons) forklift trucks, thereby reducing operator fatigue and improving riding comfort. Specially-shortened design is ideal for this floating-type installation.

Compact design offers same dimensions as conventional integrated models.

May be coupled to the differential axles. Making installation, removal, and maintenance easy.

Options

- 2.0-5.0m duplex mast
- 2.5-4.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white, green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- 3-way catalytic muffler
- LPG swing-down bracket
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment
- LPG fuel system(single, dual)



ISO14001: 2004



ISO9001: 2000



CE CERTIFICATE



1.0 / 1.5 / 1.8 / 2.0 / 2.5
3.0 / 3.5 / 4.0 / 4.5 / 5.0 T
Gasoline / LPG



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ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.

R series 3.5 / 4.0 / 4.5 / 5.0t Gasoline forklift specification:

General		CPQD30N				CPQD35N						
Type		RW7	RW22	RW22A	RW22B	RW7	RW22	RW22A	RW22B			
1	Manufacture											
2	Basic model											
3	Type											
4	Power type	Gasoline				Gasoline						
5	Rated capacity	Kg 3000				Kg 3500						
6	Load center	mm 500				mm 500						
7	Lift height	mm 3000				mm 3000						
8	Free lift height	mm 155				mm 155						
9	Fork size	LXWXT mm 1070X130X45				1070x140x45						
10	Mast tilt range	F / R deg 6 / 12				6 / 12						
11	Fork overhang(Wheel center to fork face)	mm 480				mm 485						
12	Rear overhang	mm 510				mm 555						
13-17	Overall dimensions	Length to face of fork	mm 2750				mm 2800					
		Overall width	mm 1225				mm 1225					
		Mast lowered height	mm 2010				mm 2160					
		Mast extended height	mm 4140				mm 4140					
		Overhead guard height	mm 2150				mm 2150					
18	Turning radius(outside)	mm 2375				mm 2415						
19	Min. right angle stacking aisle width (Add load length and clearance)	mm 2855				mm 2900						
20-22	Speed	Travel (No load)	Km / h 20				Km / h 21					
		Lifting (Full load)	mm/sec 450				mm/sec 350					
		Lowering (Full load)	mm/sec 500				mm/sec 500					
		Max Drawbar Pull (Full load)	N 19500				N 21200					
23	Max Gradeability (Full load)	% 20				% 15						
25-28	Tyres	Front	mm 28 x 9 -15 -12PR				mm 28 x 9 -15 -12PR					
		Rear	mm 6.50 - 10 - 10PR				mm 6.50 - 10 - 10PR					
	Tread	Front	mm 1005				mm 1005					
		Rear	mm 973.5				mm 973.5					
29	Wheelbase	mm 1780				mm 1780						
30-31	Ground clearance	Lowest	mm 130				mm 130					
		Wheelbase center	mm 175				mm 175					
32	Self weight	Kg 4255				Kg 4555						
33-34	Weight Distribution	Full load	Front / Rear 6480 / 775				7195 / 860					
		No load	Front / Rear 1765 / 2490				1890 / 2665					
35	Battery	Voltage/Capacity(20HR) 12 / 60				12 / 60						
36-46	Engine	Model	491GP	K25	K25	K25	491GP	K25	K25	K25		
		Manufacture	V / AH WANFENG	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN		
		Rated output / r.p.m.	kw 41 / 2800	37.4 / 2300	37.4 / 2300	37.4 / 2300	41 / 2800	37.4 / 2300	37.4 / 2300	37.4 / 2300		
		Rated torque / r.p.m.	N·m 161 / 2000	176.5 / 1600	176.5 / 1600	176.5 / 1600	161 / 2000	176.5 / 1600	176.5 / 1600	176.5 / 1600		
		No. of cylinder	4				4					
		Bore X Stroke	mm 89 x 100				mm 89 x 100					
		Displacement	cc 2237				cc 2488					
		Fuel tank capacity	L 70				L 60					
		44-45	Transmissions	Manufacture	CHINA	CHINA	JAPAN	OKAMURA	CHINA	CHINA	JAPAN	OKAMURA
				Type	Powershift				Powershift			
46	Stage	FWD / RVS	1 / 1				1 / 1					
47	Operating pressure	For attachments	Mpa 17.5				Mpa 17.5					

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.

R series 1.5 / 1.8 t Gasoline / LPG forklift specification:

General		CPQD15N				CPQD18N						
Type		RG7-Y	RW21-Y		RG7-Y	RW21-Y		RG7-Y	RW21-Y			
1	Manufacture											
2	Basic model											
3	Type											
4	Power type	Gasoline / LPG				Gasoline / LPG						
5	Rated capacity	Kg 1500				Kg 1750						
6	Load center	mm 500				mm 500						
7	Lift height	mm 3000				mm 3000						
8	Free lift height	mm 155				mm 155						
9	Fork size	LXWXT mm 920x100x35				920x100x38						
10	Mast tilt range	F / R deg 6 / 12				6 / 12						
11	Fork overhang(Wheel center to fork face)	mm 405				mm 408						
12	Rear overhang	mm 480				mm 495						
13-17	Overall dimensions	Length to face of fork	mm 2265				mm 2300					
		Overall width	mm 1080				mm 1080					
		Mast lowered height	mm 1995				mm 1995					
		Mast extended height	mm 3960				mm 3960					
		Overhead guard height	mm 2110				mm 2110					
18	Turning radius(outside)	mm 1970				mm 2005						
19	Min. right angle stacking aisle width (Add load length and clearance)	mm 2375				mm 2410						
20-22	Speed	Travel (No load)	Km / h 15				Km / h 15					
		Lifting (Full load)	mm/sec 510				mm/sec 500					
		Lowering (Full load)	mm/sec 450				mm/sec 510					
		Max Drawbar Pull (Full load)	N 23600				N 20500					
23	Max Gradeability (Full load)	% 20				% 20						
25-28	Tyres	Front	mm 6.50 - 10 - 10PR				mm 6.50 - 10 - 10PR					
		Rear	mm 5.00 - 8 - 10PR				mm 5.00 - 8 - 10PR					
	Tread	Front	mm 890				mm 890					
		Rear	mm 900				mm 900					
29	Wheelbase	mm 1400				mm 1400						
30-31	Ground clearance	Lowest	mm 115				mm 115					
		Wheelbase center	mm 145				mm 145					
32	Self weight	Kg 2690				Kg 2880						
33-34	Weight Distribution	Full load	Front / Rear 3690 / 550				4075 / 605					
		No load	Front / Rear 1220 / 1520				1190 / 1740					
35	Battery	Voltage/Capacity(20HR) 12 / 60				12 / 60						
36-46	Engine	Model	491GP	K21		491GP	K21		491GP	K21		
		Manufacture	V / AH WANFENG	NISSAN		NISSAN	NISSAN		NISSAN	NISSAN		
		Rated output / r.p.m.	kw 41 / 2800	31.2 / 2250		41 / 2800	31.2 / 2250		41 / 2800	31.2 / 2250		
		Rated torque / r.p.m.	N·m 161 / 2000	143.7 / 1600		161 / 2000	143.7 / 1600		161 / 2000	143.7 / 1600		
		No. of cylinder	4				4					
		Bore X Stroke	mm 91 x 86				mm 89 x 83					
		Displacement	cc 2237				cc 2065					
		Fuel tank capacity	L 50				L 50					
		44-45	Transmissions	Manufacture	CHINA				CHINA			
				Type	Powershift				Powershift			
46	Stage	FWD / RVS	1 / 1				1 / 1					
47	Operating pressure	For attachments	Mpa 14.5				Mpa 14.5					

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
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WANFENG 491GP

Displacement
2237 cc
Rated output:
41 Kw/2800rpm
Rated torque:
161 N.m/2000rpm

NISSAN K25

Displacement
2488 cc
Rated output:
37.4 Kw/2300rpm
Rated torque:
176.5 N.m/1600rpm



2.0 / 2.5t R series mast: (pneumatic)

Type	Model	Max. fork height	Overall height				Free lift		Tilt range		Capacity			
			Lowered	Extended		Without backrest	With backrest	Front Overhang	FWD	BWD	Load capacity at 500 mm			
				Without backrest	With backrest						Single tire		Double tire	
mm	mm	mm	mm	mm	mm	mm	Deg	Deg	2t	2.5t	2t	2.5t		
Wide view mast	R25M250	2500	1735	3125	3545	150	150	475	6	12	2000	2500	2000	2500
	R25M270	2700	1835	3325	3745	150	150	475	6	12	2000	2500	2000	2500
	R25M300	3000	1985	3625	4045	150	150	475	6	12	2000	2500	2000	2500
	R25M330	3300	2135	3925	4345	150	150	475	6	12	2000	2500	2000	2500
	R25M350	3500	2235	4125	4545	150	150	475	6	12	2000	2500	2000	2500
	R25M380	3800	2335	4225	4645	150	150	475	6	12	2000	2500	2000	2500
	R25M400	4000	2585	4625	5045	150	150	475	6	12	1900	2300	2000	2500
	R25M430	4300	2735	4925	5345	150	150	475	6	6	1800	2100	1950	2450
	R25M450	4500	2835	5125	5545	150	150	475	6	6	1700	2000	1900	2400
	R25M480	4800	2985	5425	5845	150	150	475	6	6	1500	1700	1700	2100
Wide view mast Full free 2-stage mast	R25U250	2500	1795	3152	3545	1143	750	470	6	12	2000	2500	2000	2500
	N25U270	2700	1895	3352	3745	1243	850	470	6	12	2000	2500	2000	2500
	N25U300	3000	1995	3652	4045	1343	950	470	6	12	2000	2500	2000	2500
	N25U330	3300	2145	3952	4345	1443	1100	470	6	12	2000	2500	2000	2500
	N25U380	3800	2295	4252	4645	1643	1250	470	6	12	2000	2500	2000	2500
	N25U400	4000	2545	4652	5045	1843	1500	470	6	12	1900	2300	2000	2500
	N25N430	4300	2040	4992	5355	1358	995	485	6	6	1700	2000	1900	2400
	N25N450	4500	2110	5242	5605	1428	1095	485	6	6	1600	1900	1800	2300
	N25N480	4800	2210	5492	5855	1528	1185	485	6	6	1500	1700	1700	2100
	N25N500	5000	2275	5692	6055	1593	1230	485	6	6	1400	1600	1600	2000
Wide view mast Full free 3-stage mast	N25N550	5500	2440	6192	6555	1758	1395	485	3	6	1050	1200	1500	1800
	N25N600	6000	2655	6692	7055	1973	1610	485	3	6	700	800	1400	1600

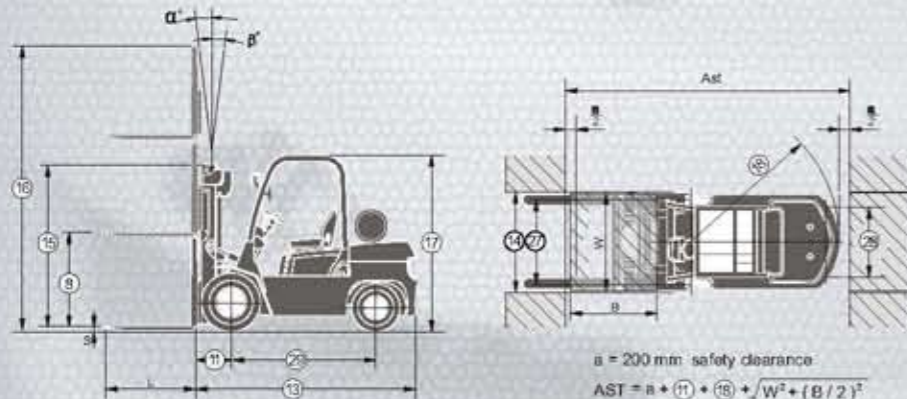
With sideshifter minus 200Kg, with integral sideshifter minus 100Kg

R series 1.0 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0t Gasoline forklift specification:

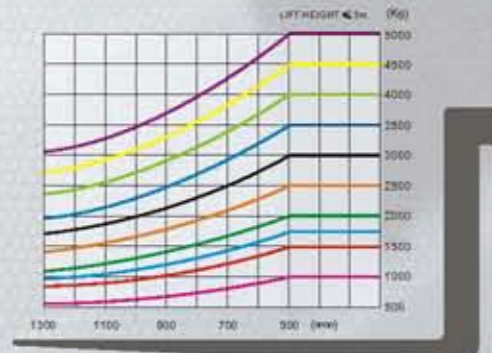
General		CPQD10N		CPQD15N		CPQD18N		CPQD20N					CPQD25N																
3 Type		RW7	RW21	RW7	RW21	RW7	RW21	RW7	RW22	RW22A	RW22B	RW20	RW7	RW22	RW22A	RW22B	RW21												
1 Manufacture																													
2 Basic model																													
3 Type																													
4 Power type		Gasoline																											
5 Rated capacity		Kg		1000		1500		1750		2000					2500														
6 Load center		mm																											
7 LIFT height		mm																											
8 Free lift height		mm																											
9 Fork size		LXWXXT		920x100x35		920x100x35		920x100x38		1070 x122 x40					1070 x122 x45														
10 Mast tilt range		F / R		deg		6 / 12		6 / 12		6 / 12					6 / 12														
11 Fork overhang(Wheel center to fork face)		mm																											
12 Rear overhang		mm																											
13		Length to face of fork		mm		2225		2265		2300					2605														
14 Overall dimensions		Overall width		mm		1080		1080		1155					1155														
15		Mast lowered height		mm		1995		1995		1985					1985														
16		Mast extended height		mm		3960		3960		4045					4045														
17		Overhead guard height		mm		2110		2110		2120					2120														
18		Turning radius(outside)		mm		1925		1970		2005					2235														
19		Min. right angle stacking aisle width (Add load length and clearance)		mm		2330		2375		2410					2710														
20		Travel (No load)		Km / h		15		15		15					15														
21		Speed		Lifting (Full load)		mm/sec		460		500		510					500												
22		Lowering (Full load)		mm/sec		450		450		450					500														
23		Max Drawbar Pull (Full load)		N		23600		20500		23600		20500		23600		20500		21800											
24		Max Gradeability (Full load)		%		20		20		20					20														
25		Tyres		Front		mm		6.50-10-10PR		6.50-10-10PR		6.50-10-10PR		7.00-12-12PR					7.00-12-12PR										
26		Rear		mm		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		6.00-9-10PR					6.00-9-10PR												
27		Tread		Front		mm		890		890		890		965					965										
28		Rear		mm		900		900		900		970.5					970.5												
29		Wheelbase		mm		1400		1400		1400		1650					1650												
30		Ground clearance		Lowest		mm		115		115		115		105					105										
31		Wheelbase center		mm		145		145		145		150					150												
32		Self weight		Kg		2420		2690		2880		3440					3765												
33		Weight		Full load		Front / Rear		2940 / 510		3690 / 550		4075 / 605		4815 / 625					5530 / 735										
34		Distribution		No load		Front / Rear		1290 / 1160		1220 / 1520		1190 / 1740		1640 / 1800					1580 / 2205										
35		Battery		Voltage/Capacity(20HR)		12 / 60		12 / 60		12 / 60		12 / 60					12 / 60												
36		Model		491GP		K21		491GP		K21		491GP		K21		491GP		K21		491GP		K21		491GP		K21			
37		Manufacture		V / AH		WANFENG		NISSAN		WANFENG		NISSAN		WANFENG		NISSAN		WANFENG		NISSAN		WANFENG		NISSAN		WANFENG		NISSAN	
38		Rated output / r.p.m		kw		41 / 2800		31.2 / 2250		41 / 2800		31.2 / 2250		41 / 2800		31.2 / 2250		41 / 2800		31.2 / 2250		41 / 2800		31.2 / 2250		41 / 2800		31.2 / 2250	
39		Rated torque / r.p.m		N·m		161 / 2000		143.7 / 1600		161 / 2000		143.7 / 1600		161 / 2000		143.7 / 1600		161 / 2000		143.7 / 1600		161 / 2000		143.7 / 1600		161 / 2000		143.7 / 1600	
40		Engine		No. of cylinder		4		4		4		4		4		4		4		4		4		4		4			
41		Bore x Stroke		mm		91 x 86		89 x 83		91 x 86		89 x 83		91 x 86		89 x 83		91 x 86		89 x 83		91 x 86		89 x 83		91 x 86		89 x 83	
42		Displacement		cc		2237		2065		2237		2065		2237		2065		2237		2065		2237		2065		2237		2065	
43		Fuel tank capacity		L		50		50		50		50		50		50		50		50		50		50		50		50	
44		Manufacture		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA		CHINA	
45		Transmissions		Type		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift	
46		Stage		FWD / RVS		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1	
47		Operating pressure		For attachments		Mpa		14.5		14.5		14.5		17.5					17.5										

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m; 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.

DIMENSIONS



LOAD CHART



1.0 ~ 1.8t R series mast: (pneumatic)

Type	Model	Max fork height	Overall height				Free lift		Front Overhang		Tilt range		Capacity					
			Lowered	Extended		Without backrest	With backrest	1/1.5t	1.75t	FWD	BWD	Load capacity at 500 mm						
				Without backrest	With backrest							Single tire		Double tire				
		mm	mm	mm	mm	mm	mm	Deg	Deg	1t	1.5t	1.75t	1t	1.5t	1.75t			
Wide view mast	R15 / 18M200	2000	1495	2585	2955	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M250	2500	1745	3085	3455	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M270	2700	1845	3285	3655	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M300	3000	1995	3585	3955	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M330	3300	2145	3885	4255	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M350	3500	2245	4085	4455	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M380	3600	2345	4185	4555	155	155	405	408	6	12	1000	1500	1750	1000	1500	1750	
	R15 / 18M400	4000	2595	4585	4955	155	155	405	408	6	12	950	1400	1650	1000	1500	1750	
Wide view full free 2-stage mast	R15 / 18M430	4300	2745	4885	5255	155	155	405	408	6	6	800	1300	1550	950	1400	1650	
	R15 / 18M450	4500	2845	5085	5455	155	155	405	408	6	6	850	1250	1450	900	1350	1550	
	N15 / 18U250	2500	1760	3105	3455	1095	815	428	431	6	12	1000	1500	1750	1000	1500	1750	
	N15 / 18U270	2700	1860	3305	3655	1195	915	428	431	6	12	1000	1500	1750	1000	1500	1750	
	N15 / 18U300	3000	2010	3605	3955	1395	1055	428	431	6	12	1000	1500	1750	1000	1500	1750	
	N15 / 18U330	3300	2160	3905	4255	1545	1215	428	431	6	12	1000	1500	1750	1000	1500	1750	
	N15 / 18U360	3600	2310	4205	4555	1695	1365	428	431	6	12	1000	1500	1750	1000	1500	1750	
	N15 / 18U400	4000	2560	4605	4955	1895	1615	428	431	6	12	950	1400	1650	1000	1500	1750	
Wide view full free 3-stage mast	N15 / 18N430	4300	2110	5070	5255	1350	1165	445	448	6	6	850	1250	1450	900	1350	1550	
	N15 / 18N450	4500	2120	5130	5485	1510	1175	445	448	6	6	800	1200	1350	850	1300	1450	
	N15 / 18N480	4800	2235	5445	5755	1600	1290	445	448	6	6	750	1100	1250	800	1200	1350	
	N15 / 18N500	5000	2285	5605	5955	1690	1340	445	448	6	6	700	1050	1150	750	1150	1250	
	N15 / 18N550	5500	2460	6120	6455	1850	1515	445	448	3	6	/	/	/	800	950	1050	
	N15 / 18N600	6000	2685	6695	6955	2000	1740	445	448	3	6	/	/	/	450	750	850	

With sidoshifter minus 150Kg, with integral sidoshifter minus 100Kg.

simple. Easy: **SERVICE**
simple, comprehensive: **PANEL**
strong, wide view: **MASTS**
so much footroom: **DRIVER ROOM**

APPEARANCE

The latest appearance design method was used to create the R series fluent and aesthetic outline, that matches the latest appearance trend.

The large engineering plastic covering enables the whole truck looks friendly and natural.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.



SERVICING

Dual air spring supporting hood and one-touch removal of the floorboard get you right to service operations ,and reduces down-time.

The reasonable arrangement of fuse and installation of instrument, enable the replacing for fuse and maintenance for instrument more easy.

CLEAN

The environment friendly engines all meet EU stage-II emission control regulation. The noise emission also comes up to EU standard.

The Metal hood and molding sound insulation matches environmental protection demands.

SAFE

A throttling device is set in pipe system, the mast won't result in falling control of mast even some pipes broke.

By using a built-in hood lock device, the safe level of the truck has been raised.



For more than 30 years, Zhejiang Hangcha Engineering Machinery CO., LTD. Has played a leading role in the manufacture and production of Chinese forklift industry . We constantly strive to develop and incorporate the latest advances in forklift design and technology to ensure that our products provide an optimum level of performance, all the time. Our new generation R series of forklifts truly exemplifies this commitment to excellence.

- The clearance between the steering axle and support rod can be adjusted, to improve the adaptability for ground.
- The pin of the tilt cylinder adopts a build-in grease fitting, which enables the greas fitting more dependable.
- The high performance specific tires for forklift trucks increase the work life of tires much more.

durable: **HYDRAULICS**
clean, reliable: **ENGINES**
progressive: **BRAKES**
cool, smooth: **TRANSMISSION**

INTRODUCTION

The new generation R series forklift is combined with durability and ergonomics, providing productivity unmatched by other forklifts and the comfort for hours of tireless operation. Add friendliness to the environment, simple servicing, efficiency on the job, high standards of safety—it's the perfect tool for the most demanding applications.

TRANSMISSION & ENGINE

The transmission can be chosen among OKAMURA, NISSAN and HC (made in china with the Japanese technique), with advanced structure and dependable function. Among them, the OKAMURA transmission adopts advanced float type structure, which can achieve a flexible connection between engine and frame, the vibrations of transmission to the frame is reduced. The engine can be chosen among the TD27, C240, 4JG2, 4TNV94L diesel engine and H20, H25 gasoline engine, with great power, economical fuel consumption and dependable functions.

OPERATION

Adopted advanced ergonomic technology optimizes the design of control system, improves the comfortable of operation much more.

Adopted advanced vibration-reduction technology designs each part's vibration reduction, reduces the whole truck vibration. Among them, the hood is designed to full floating type, and vibration reduction device for steering axle enables the operation more comfortable.



The torque converter models adopt electronic-hydraulic forward-reverse control technology, meaning less effort and less total time used during this often-performed function.

Adopted recently developed redirector decreases the steering wheel force to 6~8N only ,that reduce 50% compared with former truck.

The grease fittings and bushes added around the shaft of control mechanism decreases the force of pedal, that are reduced 30% compared with former truck.

HEAT DISSIPATION

Newly adopted combined type aluminum radiator improves the radiator cooling performance greatly.

Advanced heat dissipation technology improves heat dissipation channel, that enhances the truck heat dissipation capability further, the water temperature is reduced 15% compared with former truck.

CYLINDER

Oil seal rings used for tilting cylinder, lifting cylinder and turning cylinder all adopt the first class international product, the sealing performance has been proven through ten of thousands fatigue test.

The soft landing system for lifting cylinder decreases the level of noise and shock when the mast lowered to termination phase.

BRAKES

The 1-5.0t forklifts all adopt the new type drum brake. waterproof slot on the brake drum and framework oil seal on the axle tube avoid water or oil entering the brake drum, enable the dependability of brake to raise consumedly.



