GLOBAL SALES NETWORK









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SINOMACH-HI INTERNATIONAL EQUIPMENT CO., LTD.



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

INTRODUCTION

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

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.

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.



or more than 30 years, SINOMACH-HI INTERNATIONAL EQUIPMENT 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

SERVICING

Easy opened engine cover and one-touch removal of the floorboard get you right to service operation, and reduces down-time.

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

ENVIRONMENT FRIENDLY

The environment friendly engines all meet related 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 failing control of mast even some pipes broke.

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





much more.

durable: HYDRAULICS clean, reliable: ENGINES progressive: BRAKES cool. smooth: TRANSMISSON

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.

TRANSMISSION & ENGINE

The HC transmission(made in China with the Japanese technique), applies advanced structure and dependable function. The engine can be chosen among ISSUE, YANMAR and XINCHAI diesel engine.



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.

ISUZU C240 Displacement 2369 cc Rated output: 34.5 Kw/2500rpm Rated torque. 139 N·m/1800rpm

COOLING SYSTEM

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 1-1.8t 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.



Options

- 2.0-4.5m 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
- Non-marking tyre(white,green)
- Cabin
- Heater and air conditioner
- Fire extinguisher
- Semi-suspension seat or full-suspension seat

- Rear working light
- Customer painting

- Spark arrester
- Purified exhaust system
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment





Dual air cleaner or special air cleaner

- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system

3 Type 4 Power type				-HI INTERNATIONAL EQUIPMI	Entroon,ETD.	SintomAc	H-HI INTERNATIONAL EQUIPM		SINOMACH-HI INTERNATIONAL EQUIPMENT CO., LTD.					
4 Power type	2 Basic model		CPCD10N			-	CPCD15N		CPCD18N					
			RW10	RW32	RG26	RW10	RW32	RG26	RW10	RW32	RG26			
	4 Power type			Diesel			Diesel		Diesel					
5 Rated capacity kg				1000			1500		1750					
6 Load center mm 500				500			500		500					
7 Lift height mm				3000			3000		-	3000				
8 Free lift height mm		mm		155			155		155					
Fork size L×W×T mm 920×100×35						920×100×35		920×100×35						
0 Mast tilt range F / R (°) 6/12						6 / 12	6 / 12							
11 Fork overhang(Wheel center to fork face) mm		mm		405			405		410					
12 Rear overhang mm		mm		420			460		495					
3 Length to face	ce of fork	mm		2225			2265		2300					
4 Overall width	h	mm		1080			1080		1080					
5 Overall Mast lowered	d height	mm		1995			1995		1995					
6 Mast extende	led height	mm		3960			3960		3960					
7* Overhead guard height		mm		2130(2190*)			2130(2190*)		2130(2190*)					
18 Turning radius(outside) mm		mm		1925			1970		2005					
19 Min. right angle stacking aisle width (Add load length and clearance) mm		mm		2330			2375		2410					
20 Travel (No load) kr		km/h		14.5			14.5		14.5					
21 Speed Lifting (Full load) 22 Lowering (Full load)		mm/s		460	-		510		510 450					
		mm/s		450			450							
23 Max.Drawbar Pull (Full load)		N	20500	15900	19500	20500	15900	19500	20500	15900	19500			
24 Max.Gradeability (Full load)		%		20			20			20	5			
25 Tyres Front 26 Rear 27 Tread Front 28 Rear		mm		6.50 -10 -10PR			6.50 -10 -10PR		6.50 -10 -10PR					
		mm		5.00 - 8 - 10PR			5.00 - 8 - 10PR		5.00 - 8 - 10PR					
		mm		890			890		890					
		mm		900			900		900					
and a second sec		mm		1400		1	1400		1400					
30 Ground Lowest				115			115		115					
31 clearance Wheelbase center				145	-		145		145					
		kg		2450			2740		2930					
33 Weight Full load Front / Rear		-		2940 / 510			3690 / 550		4075 / 605					
4 Distribution No load Fro			1290 / 1160			1220 / 1520		1190 / 1740						
	acity(20HR)	V/Ah		12/60			12/60			12 / 60				
6 Model			C240PKJ-30	4TNE92-HRJ	NC485BPG	C240PKJ-30	4TNE92-HRJ	NC485BPG	C240PKJ-30	4TNE92-HRJ	NC485BPC			
7 Manufacture			ISUZU	YANMAR	XINCHAI	ISUZU	YANMAR	XINCHAI	ISUZU	YANMAR	XINCHAI			
8 Rated output		W/r/min	34.5 / 2500	32.8 / 2450	30 / 2600	34.5 / 2500	32.8 / 2450	30 / 2600	34.5 / 2500	32.8 / 2450	30 / 2600			
8 Rated output 9 Rated torque 0 Engine No. of cylinde		l-m/r/min	137.7 / 1800	149.4 / 1600	131 / 1600	137.7 / 1800	149.4 / 1600	131 / 1600	137.7 / 1800	149.4 / 1600	131 / 1600			
) Engine No. of cylinde		· enderstation	4	4	10171000	4	4	1017-1000	4	4	10171000			
1 Bore×Stroke		mm	86 × 102	92 ×100		86 × 102	92 ×100		86 × 102	92×100				
2 Emission STE	1. Contract (1.		Stage IIIA	Stage IIIA / Tier 4 Interim		Stage IIIA	Stage IIIA / Tier 4 Interim		Stage IIIA	Stage IIIA / Tier 4 Interim				
3 Displacement		ml	2369	2659	2270	2369	2659	2270	2369	2659	2270			
4 Fuel tank cap	5-1-5()	L	50	50	50	50	50	50	50	50	50			
5 Manufacture		-	50	CHINA			CHINA			CHINA	50			
				Powershift			Powershift		Powershift					
	WD / RVS			1/1			1/1		1/1					
8 Operating pressure For atta				17.1			1/1 14.5		171					

Note: * With suspension seat or cabin. 1. Special lifting height available (Duplex mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. Triplex mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available. 3. The specifications in the table are for standard models only. For further information please contact us. 4. Specifications are subject to change without notice.

Ast

a = 200 mm safety clearance

AST = 11 + 18 + a + B

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DIMENSIONS

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LOAD CHART

1.0 ~ 1.8t R series mast: (pneumatic)

Type		Max. fork height mm	Overall height		Free lift				Tilt range		Capacity						
			Extended				Front				Load capacity at 500 mm						
	Model		Lowered	Without backrest b mm	With backrest mm	Without backrest mm	With backrest mm	Overhang		FWD	BWD	Single tire		Double tire		e	
								1/1.5t	1.75t		(°)	1t	1.5t	1.75t	1t	1.5t	1.75t
								mm	mm	(°)		kg	kg	kg	kg	kg	kg
Wide view mast	R15 / 18M200	2000	1495	2585	2955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M250	2500	1745	3085	3455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M270	2700	1845	3285	3655	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M300	3000	1995	3585	3955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M330	3300	2145	3885	4255	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M350	3500	2245	4085	4455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M360	3600	2345	4185	4555	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	R15 / 18M400	4000	2595	4585	4955	155	155	405	410	6	12	950	1400	1650	1000	1500	1750
	R15 / 18M430	4300	2745	4885	5255	155	155	405	410	6	6	900	1300	1550	950	1400	1650
	R15 / 18M450	4500	2845	5085	5455	155	155	405	410	6	6	850	1250	1450	900	1350	1550
Wide view full free Duplex mast	N15 / 18U250	2500	1760	3105	3455	1095	815	428	433	6	12	1000	1500	1750	1000	1500	1750
	N15 / 18U270	2700	1860	3305	3655	1195	915	428	433	6	12	1000	1500	1750	1000	1500	1750
	N15 / 18U300	3000	2010	3605	3955	1395	1055	428	433	6	12	1000	1500	1750	1000	1500	1750
	N15 / 18U330	3300	2160	3905	4255	1545	1215	428	433	6	12	1000	1500	1750	1000	1500	1750
	N15 / 18U360	3600	2310	4205	4555	1695	1365	428	433	6	12	1000	1500	1750	1000	1500	1750
	N15 / 18U400	4000	2560	4605	4955	1865	1615	428	433	6	12	950	1400	1650	1000	1500	1750
Wide view full free Triplex mast	N15 / 18N430	4300	2110	5070	5255	1350	1165	445	450	6	6	850	1250	1450	900	1350	1550
	N15 / 18N450	4500	2120	5130	5465	1510	1175	445	450	6	6	800	1200	1350	850	1300	1450
	N15 / 18N480	4800	2235	5445	5755	1600	1290	445	450	6	6	750	1100	1250	800	1200	1350
	N15 / 18N500	5000	2285	5605	5955	1690	1340	445	450	6	6	700	1050	1150	750	1150	1250
	N15 / 18N550	5500	2460	6120	6455	1850	1515	445	450	3	6	1	1	1	600	950	1050
	N15 / 18N600	6000	2685	6695	6955	2000	1740	445	450	3	6	1	1	1	450	750	850

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