



Let's grow together



3.0-3.5t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-ep.com



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 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, 4TNE92/98 diesel engine and H20, H25 gasoline engine, with great power, economical fuel consumption and

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

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.

BRAKES

The 1-3.5t 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.



XINCHAI A498BT1
Displacement: 3198 cc
Rated output: 36.5 Kw/2400rpm
Rated torque: 185 Nm/1700rpm



YANMAR 4TNE92/98



CUMMINS
Displacement: 3300
Rated output: 45
Rated torque: 214



ISUZU C240
Displacement: 2369 cc
Rated output: 34.5 Kw/2500rpm
Rated torque: 139 Nm/1800rpm

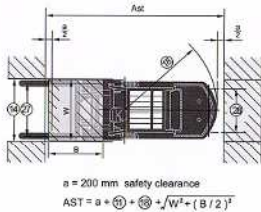
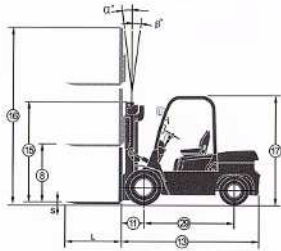
NISSAN TD27
Displacement: 2663 cc
Rated output: 38.5 Kw/2300rpm
Rated torque: 160 Nm/2100rpm

R series 3.0-3.5t Diesel forklift specification

General	CPCD30N							EP														
	RW10	RW10B	RW1	RW6	RW6B	RG2		RW13	RW15A	RW33	RW33B	RG7	RG2	RW6	RW6B	RW13	RW15A	RW27	RW30	RW33	RW33B	
1	Manufacturer																					
2	Basic model																					
3	Type																					
4	Power type																					
5	Rated capacity																					
6	Load center																					
7	Lifting height																					
8	Free lifting height																					
9	Fork size																					
10	Mast tilt range																					
11	Fork overhang(wheel center to fork face)																					
12	Rear overhang																					
13	length (to fork face)																					
14	Overall width																					
15	Overall Dimensions																					
16	Mast lowered height																					
17	Mast extended height																					
18	Turning radius(outside)																					
19	Min.right angle stacking aisle width (Add load length and clearance)																					
20	Travel(No load)																					
21	Lifting(Full load)																					
22	Lowering(Full load)																					
23	Max.Drawbar pull																					
24	Max.Gradeability																					
25	Tyres																					
26	Tread																					
27	Tread																					
28	Tread																					
29	wheelbase																					
30	Ground clearance																					
31	Self weight																					
32	Weight distribution																					
33	Battery																					
34	Voltage/Capacity(20HR)																					
35	Model																					
36	Manufacturer																					
37	Rated output/r.p.m.																					
38	Rated torque/r.p.m.																					
39	No.of cylinder																					
40	Bore×Stroke																					
41	Emission STD																					
42	Displacement																					
43	Fuel tank capacity																					
44	Manufacture																					
45	Type																					
46	Stage FWD/RVS																					
47	Operating pressure for attachment																					

- 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)
- Attachment available
- The specification in the table are for standard models only.For further information please contact us
- Specification are subject to change without notice

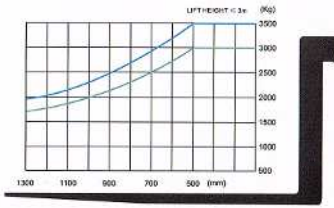
DIMENSIONS



$$AST = a + \sqrt{W^2 + (B/2)^2}$$

a = 200 mm safety clearance

LOAD CHART



3.0-3.5t Series mast (pneumatic)

Type	Model	Max fork height	Overall height						Free lift				Front Overhang			
			Lowered		Extended		Without backrest		With backrest		3t		3.5t			
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
Wide view mast	R30/35M250	2500	1760	1910	2165	2310	2620	3620	155	155	155	155	480	485	6	12
	R30/35M270	2700	1860	2010	2265	2510	2820	3820	155	155	155	155	480	485	6	12
	R30/35M300	3000	2010	2160	2415	2660	3130	4130	155	155	155	155	480	485	6	12
	R30/35M330	3300	2160	2310	2565	2810	3280	4280	155	155	155	155	480	485	6	12
	R30/35M350	3500	2260	2410	2665	2910	3380	4380	155	155	155	155	480	485	6	12
	R30/35M360	3600	2370	2520	2775	3020	3490	4490	155	155	155	155	480	485	6	12
	R30/35M400	4000	2620	2770	3025	3270	3740	4740	155	155	155	155	480	485	6	12
	R30/35M430	4300	2770	2920	3175	3420	3890	4890	155	155	155	155	480	485	6	6
	R30/35M450	4500	2920	3070	3325	3570	4040	5040	155	155	155	155	480	485	6	6
	R30/35M480	4800	3020	3170	3435	3680	4150	5150	155	155	155	155	480	485	6	6
Wide view full free 2-stage mast	R30/35M500	5000	3120	3270	3525	3770	4240	5240	155	155	155	155	480	485	6	6
	N30/35U250	2500	1865	1975	2235	2370	2635	3640	1130	1115	730	845	475	475	6	12
	N30/35U270	2700	1965	2075	2335	2470	2735	3740	1230	1215	830	945	475	475	6	12
	N30/35U300	3000	2190	2190	2450	2585	2850	3860	1435	1330	1060	1060	475	475	6	12
	N30/35U330	3300	2225	2375	2635	2770	3035	4040	1460	1355	1090	1245	475	475	6	12
	N30/35U360	3600	2375	2525	2785	2920	3185	4190	1540	1435	1170	1325	475	475	6	12
	N30/35U400	4000	2575	2725	2985	3120	3385	4340	1640	1535	1270	1425	475	475	6	12
	N30/35N430	4300	2690	2840	3100	3235	3500	4490	1555	1450	1360	1510	490	498	6	6
	N30/35N450	4500	2760	2910	3170	3305	3570	4560	1525	1420	1330	1480	490	498	6	6
	N30/35N480	4800	2920	3070	3330	3465	3730	4710	1590	1485	1400	1550	490	498	6	6
Wide view full free 3-stage mast	N30/35N500	5000	2920	3070	3330	3465	3730	4710	1590	1485	1400	1550	490	498	6	6
	N30/35N550	5500	2890	3040	3300	3435	3700	4640	1755	1795	1360	1460	490	498	3	6
	N30/35N600	6000	2655	2770	3030	3165	3430	4410	1920	1960	1525	1625	490	498	3	6