

## DETAIL DESCRIPTION



LED working lights and warning lights make it safer and more efficient even in poor lighting conditions.



Equipped with electronic hydraulic transmission, operation is more comfortable and durable.



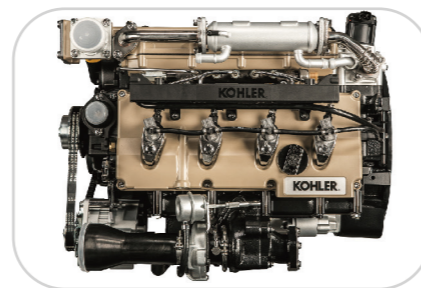
Embedded LCD instrument, with neutral display, if not placed in the neutral position, the engine cannot be started.



New designed overhead guard protective device prevents sudden accidents. The excellent head protection design and plastic ceiling make it possible to work safely even in rainy days.



Step area is about 1.5 times of similar forklift, while the step height is lower, more convenient to get up and down the forklift.



Original ISUZU, MITSUBISHI, KOHLER or PSI engine, sharply reduces the concentration of black smoke and noise at the same time, also to achieve high power, low energy consumption.



Removable side cover is much more convenient for inspection and simple repairs.



On the basis of increasing the radiator, we use aluminum for heat-sink which has enhanced significantly the cooling effect. Plus large double muffler has superior noise reduction effect.



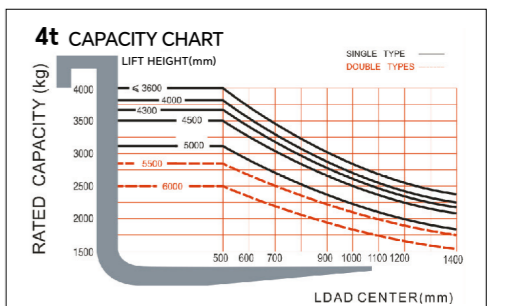
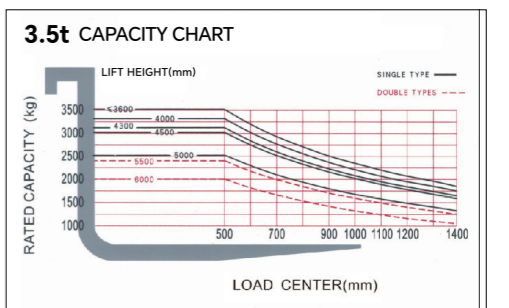
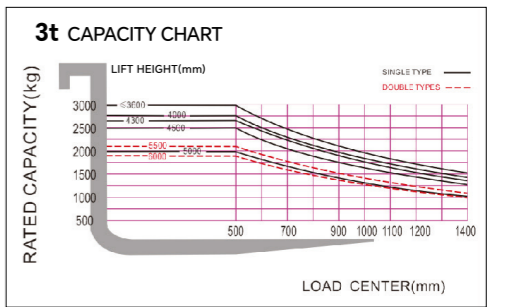
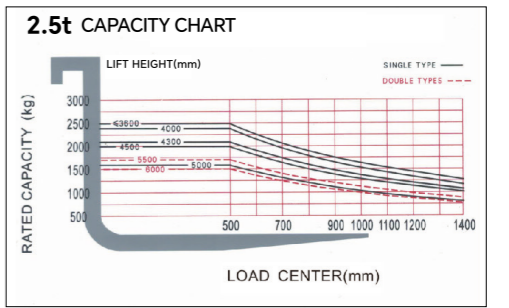
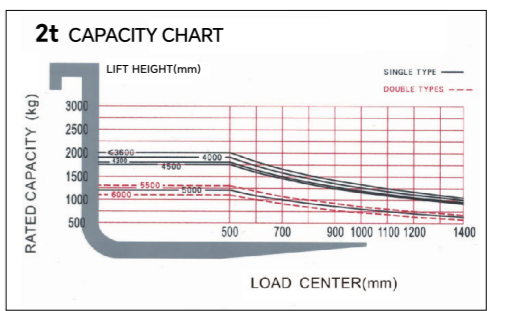
Fully-enclosed instrument platform enlarges the working space.

# FORKLIFT

## HNF20/25/30/35/40



	UNIT	HNF20	HNF25	HNF30	HNF35	HNF40										
Power Unit		Diesel	Diesel	Diesel	Diesel	Diesel										
Operator Type		Driver/seat	Driver/seat	Driver/seat	Driver/seat	Driver/seat										
Transmission Box Type		Electronic hydraulic transmission	Electronic hydraulic transmission	Electronic hydraulic transmission	Electronic hydraulic transmission	Electronic hydraulic transmission										
Rated Capacity	kg	2000	2500	3000	3500	4000										
Load Center	mm	500	500	500	500	500										
Max.Lifting Height	mm	3000	3000	3000	3000	3000										
Tire Type		Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre	Solid Tyre										
Tire Number	Front	2	2	2	2	2										
	Rear	2	2	2	2	2										
Tire Size	Front	7.00-12-12PR	7.00-12-12PR	28×9-15-14PR	28×9-15-14PR	250-15-16PR										
	Rear	6.0-9-10PR	6.0-9-10PR	6.5-10-10PR	6.5-10-10PR	6.5-10-10PR										
Performance	Lifting Speed	Loaded	500	500	500	500	480									
		Unloaded	550	550	550	550	520									
	Lowering Speed	Loaded	480	480	480	480	480									
		Unloaded	450	450	450	450	450									
	Travelling Speed	Loaded	17	17	19	19	19									
		Unloaded	19	19	20	20	20									
	Max.Gradeability (Loaded)	%	21	21	21	21	21									
	Max.Drawbar Pull (Loaded)	kn	18	18	18	18	18									
	Mast Tilting Angle (Fwd/Bwd)	deg	6/12	6/12	6/12	6/12	6/12									
	Free Lifting Height	mm	150	150	150	150	150									
Turning Radius	mm	2170	2240	2400	2460	2560										
Dimensions	Overall Length (without fork)	mm	2605	2605	2705	2760	2820									
	Overall Width	mm	1150	1150	1240	1240	1300									
	Overhead Guard Height	mm	2090	2090	2130	2130	2130									
	Fork Size (L×W×T)	mm	1220×122×40	1220×122×40	1220×125×45	1220×125×50	1220×150×50									
	Mast Height (Fork lowered)	mm	2090	2090	2140	2140	2140									
	Battery (Voltage/Capacity)	V/Ah	12/90	12/90	12/90	12/90	12/90									
	Fuel Tank Capacity	L	70	70	70	70	70									
Engine	Brand		XINCHAI	MITSUBISHI	ISUZU	XINCHAI	MITSUBISHI	ISUZU	XINCHAI	MITSUBISHI	ISUZU	XINCHAI	MITSUBISHI	ISUZU		
	Model		C490	S4S	C240	C490	S4S	C490	S4S	C240	C490	S4S	4JG2	A498	S4S	4JG2
	Rated Power	kw/rpm	40/2650	35.3/2250	35.4/2500	40/2650	35.3/2250	40/2650	35.3/2250	35.4/2500	40/2650	35.3/2250	44.8/2450	42/2300	35.3/2250	44.8/2450
	Rated torque	n-m/rpm	160/1600-2000	177/1700	137.7/1800	160/1600-2000	177/1700	160/1600-2000	177/1700	137.7/1800	160/1600-2000	177/1700	186/1800	206/1650	177/1700	186/1800
	Number Of Cylinder		4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Displacement		2.67	3.331	2.37	2.67	3.331	2.67	3.331	2.37	2.67	3.331	3	3	3.331	3



**Two stage normal mast**

Max.lifting height	Load capacity at 500mm load center(kg)					Mast height when forks lowered(mm)	Mast height when forks max. raised, with backrest(mm)		Mast tilting angle(°)	Total weight(Kg)					
	HNF20	HNF25	HNF30	HNF35	HNF40		HNF20/25	HNF30/35/40		HNF20	HNF25	HNF30	HNF35	HNF40	
3000	2000	2500	3000	3500	4000	2085	2185	4130	4240	6/12	3520	3810	4110	4380	4550
3300	2000	2500	3000	3500	4000	2250	2260	4445	4560	6/12	3550	3840	4140	4410	4580
3500	2000	2500	3000	3500	4000	2335	2400	4630	4740	6/12	3589	3880	4180	4430	4600
4000	1900	2400	2800	3300	3700	2470	2500	5130	5240	6/12	3660	3960	4260	4510	4680
4500	1700*1800	2000*2100	2500*2600	3000*3100	3500*3800	2935	2985	5630	5740	6/6	3717	4010	4310	4560	4730
5000	1200*1400	1600*1800	2000*2200	2500*2700	3200*3500	3185	3235	6130	6240	6/6	3766	4060	4360	4610	4780

**Two stage free mast**

Max.lifting height	Load capacity at 500mm load center(kg)					Mast height when forks lowered(mm)	Mast height when forks max. raised, with backrest(mm)		Mast tilting angle(°)	Free lifting height (mm)		Total weight(Kg)					
	HNF20	HNF25	HNF30	HNF35	HNF40		HNF20/25	HNF30/35/40		HNF20/25	HNF30/35/40	HNF20/25	HNF30/35/40	HNF30	HNF35	HNF40	HNF40
3000	2000	2500	3000	3500	4000	2080	2180	4120	4235	6/12	1030	850	3620	3910	4210	4480	4650
3500	1900	2450	2900	3400	4000	2320	2430	4620	4735	6/12	1280	1100	3690	3980	4280	4530	4700
4000	1700	2200	2700	3000	3700	2510	2540	5120	5235	6/12	1580	1400	3770	4060	4360	4610	4780

**Three stage free mast**

Max.lifting height	Load capacity at 500mm load center(kg)					Mast height when forks lowered(mm)	Mast height when forks max. raised, with backrest(mm)		Mast tilting angle(°)	Free lifting height (mm)		Total weight(Kg)					
	HNF20	HNF25	HNF30	HNF35	HNF40		HNF20/25	HNF30/35/40		HNF20/25	HNF30/35/40	HNF20/25	HNF30/35/40	HNF30	HNF35	HNF40	HNF40
4000	1900	2400	2900	3300	3800	1890	1970	5070	5175	6/6	745	860	3710	4000	4300	4570	4740
4300	1750 *1850	2050 *2150	2650 *2750	3100 *3200	3700 *3900	2080	2100	5150	5210	6/6	850	920	3730	4010	4320	4580	4750
4500	1600 *1700	1900 *2000	2450 *2550	2900 *3000	3500 *3800	2160	2180	5600	5690	6/6	1000	985	3780	4070	4370	4640	4810
4800	1450 *1550	1750 *1850	2250 *2350	2600 *2700	3300 *3400	2240	2260	5900	5960	6/6	1150	1050	3810	4110	4400	4680	4850
5000	1350 *1450	1600 *1700	2100 *2200	2300 *2400	3200 *3500	2450	2480	6100	6170	3/6	1280	1195	3850	4140	4440	4710	4880
5500	1050 *1150	1200 *1400	1500 *1900	1750 *2100	2200 *3100	2510	2550	6600	6730	3/6	1350	1435	3920	4210	4510	4780	4950
6000	1050 *1150	*1200	*1600	*1850	*2600	2660	2680	7100	7230	3/6	1630	1635	3990	4280	4580	4850	5020
6500	*950	*1100	*1300	*1500	*2000	3014	3065	7545	7645	3/3	1965	2250	4060	4350	4650	4940	5090
7000	*450	*650	*800	*1100	*1700	3265	3320	7765	7820	3/3	2218	2500	4130	4420	4720	5010	5160