

1.0~1.8t XF series mast: (pneumatic)

Type	Model	Max. fork height	Overall height				Free lift		Front Overhang		Tilt range		Capacity						
			Lowered	Extended		Without backrest	With backrest	Without backrest	With backrest	FwD	BwD	Single tire	Load capacity at 500mm						
				Without backrest	With backrest								1t	1.5t	1.75t	Dual tire			
																1t	1.5t	1.75t	
			mm	mm	mm	mm	mm	mm	(°)	(°)	kg	kg	kg	kg	kg	kg	kg	kg	
Wide view mast	X15M200	1495	2565	2955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1500	1750		
	X15M250	2500	1745	3065	3455	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M270	2700	1845	3265	3655	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M300	3000	1995	3565	3955	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M330	3300	2145	3865	4255	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M350	3500	2245	4065	4455	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M370	3700	2395	4265	4655	155	155	405	410	6	12	1000	1500	1500	1750	1000	1500	1500	1750
	X15M400	4000	2595	4600	4995	155	155	405	410	6	12	1000	1500	1600	1000	1500	1700		
	X15M430	4300	2745	4900	5255	155	155	405	410	6	6	950	1450	1650	950	1450	1650		
	X15M450	4500	2845	5100	5455	155	155	405	410	6	6	900	1400	1550	900	1400	1600		
	X15M470	4700	2945	5300	5655	155	155	405	410	6	6	850	1350	1500	900	1350	1550		
	X15M500	5000	3095	5600	5955	155	155	405	410	6	6	800	1300	1450	850	1300	1500		
	X15M550	5500	3345	6100	6455	155	155	405	410	6	6	/	/	/	750	1150	1300		
	X15M600	6000	3595	6600	6955	155	155	405	410	6	6	/	/	/	700	1050	1150		
	X15U200	2000	1560	2585	2945	975	615	405	410	6	12	1000	1500	1750	1000	1500	1750		
	Wide view full free duplex mast	X15U250	2500	1810	3085	3445	1225	865	405	410	6	12	1000	1500	1750	1000	1500	1750	
X15U270		2700	1910	3285	3645	1325	965	405	410	6	12	1000	1500	1750	1000	1500	1750		
X15U300		3000	2010	3590	3950	1425	1065	405	410	6	12	1000	1500	1750	1000	1500	1750		
X15U330		3300	2160	3885	4245	1575	1215	405	410	6	12	1000	1500	1750	1000	1500	1750		
X15U350		3500	2260	4085	4445	1675	1315	405	410	6	12	1000	1500	1750	1000	1500	1750		
X15U370		3700	2360	4285	4645	1775	1415	405	410	6	12	1000	1500	1750	1000	1500	1750		
X15U400		4000	2560	4585	4945	1975	1615	405	410	6	12	1000	1500	1650	1000	1500	1700		
X15N400		4000	1970	4680	4955	1300	1025	420	425	6	6	900	1400	1550	950	1400	1600		
X15N430		4300	2070	4980	5255	1400	1125	420	425	6	6	850	1350	1500	900	1350	1550		
X15N450		4500	2120	5130	5455	1500	1175	420	425	6	6	800	1300	1450	850	1300	1500		
X15N470		4700	2170	5380	5750	1585	1225	420	425	6	6	750	1250	1400	800	1250	1450		
X15N500		5000	2270	5595	5955	1685	1325	420	425	6	6	700	1200	1350	800	1250	1450		
X15N550		5500	2470	6095	6455	1885	1525	420	425	3	6	650	950	1050	750	1150	1300		
X15N600		6000	2720	6790	7150	2085	1725	420	425	3	6	600	700	750	700	1050	1150		
X15N650		6500	2870	7180	7455	2200	1925	420	425	3	6	/	/	/	550	800	900		
X15N700		7000	2970	7595	7955	2385	2025	420	425	3	6	/	/	/	400	550	650		

With sideshifter minus 150kg,with integral sideshifter minus 100kg

2.0~2.5t XF series mast: (pneumatic)

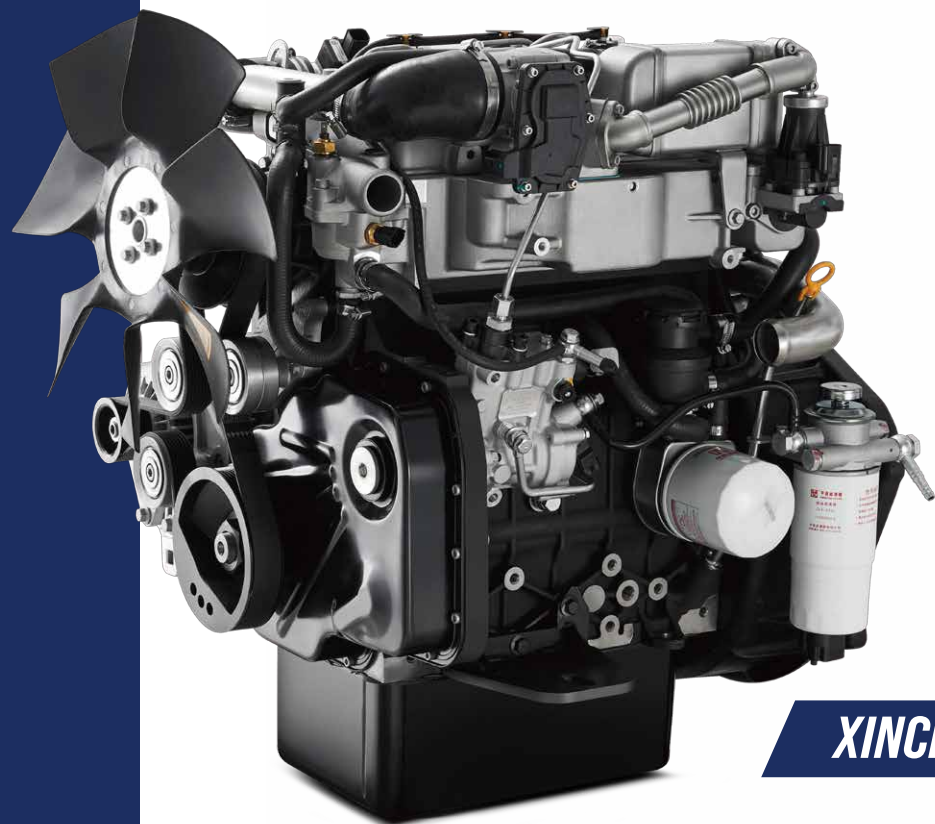
Type	Model	Max. fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity						
			Lowered	Extended		Without backrest	With backrest	mm		mm	FwD	BwD	Load capacity at 500 mm					
				Without backrest	With backrest								Single tire		Dual tire			
													2.0t	2.5t	2.0t	2.5t		
		mm	mm	mm	mm	mm	mm	(°)	(°)	kg	kg	kg	kg	kg	kg			
Wide view mast	X25M200	2000	1535	2660	3045	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M250	2500	1785	3160	3545	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M270	2700	1885	3360	3745	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M300	3000	2035	3660	4045	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M330	3300	2185	3960	4345	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M350	3500	2285	4160	4545	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M370	3700	2435	4360	4745	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M400	4000	2635	4660	5045	140	140	465	6	12	2000	2500	2000	2500	2500	2500		
	X25M430	4300	2785	4960	5345	140	140	465	6	6	1950	2400	2000	2600	2300	2500		
	X25M450	4500	2855	5160	5545	140	140	465	6	6	1950	2300	2000	2600	2350	2500		
	X25M470	4700	2985	5360	5745	140	140	465	6	6	1850	2250	1900	2600	2300	2500		
	X25M500	5000	3135	5660	6045	140	140	465	6	6	1800	1850	1850	2600	2100	2500		
Wide view full free duplex mast	X25M550	5500	3385	6160	6545	140	140	465	3	6	/	/	/	1400	1750	2500		
	X25M600	6000	3635	6660	7045	140	140	465	3	6	/	/	/	1400	1750	2500		
	X25U200	2000	1560	2680	3045	880	510	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U250	2500	1810	3180	3545	1130	760	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U270	2700	1910	3380	3745	1230	860	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U300	3000	2010	3680	4045	1330	960	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U330	3300	2160	3980	4345	1480	1110	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U350	3500	2260	4180	4545	1580	1210	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U370	3700	2360	4330	4745	1680	1310	465	6	12	2000	2500	2000	2500	2500	2500		
	X25U400	4000	2560	4680	5045	1880	1510	465	6	12	2000	2500	2000	2500	2500	2500		
	X25N400	4000	2000	4700	5045	1300	955	480	6	6	1950	2450	1950	2500	2500	2500		
	Wide view full free triplex mast	X25N430	4300	2100	5000	5345	1400	1055	480	6	6	1900	2400	1900	2450	2450	2500	
X25N450		4500	2150	5230	5595	1470	1105	480	6	6	1850	2300	1850	2400	2300	2500		
X25N470		4700	2200	5380	5745	1520	1155	480	6	6	1800	2250	1800	2300	2200	2500		
X25N500		5000	2300	5680	6045	1620	1255	480	6	6	1700	1900	1800	2100	2100	2500		
X25N550		5500	2500	6180	6545	1820	1455	480	3	6	1450	1600	1600	1900	1900	2500		
X25N600		6000	2750	6730	7095	2070	1705	480	3	6	1000	1050	1400	1750	1750	2500		
X25N650		6500	2900	7200	7545	2200	1855	480	3	6	/	/	1200	1450	1450	2500		
X25N700		7000	3050	7680	8045	2370	2005	480	3	6	/	/	1000	1150	1150	2500		

With sideshifter minus 150kg,with integral sideshifter minus 100kg

HANGCHA be with you at every stage
Efficient, reliable solutions for your demands

STAGE V & TIER 4F

With Hangcha you can meet all Stage V/Tier 4f emissions standards which provides customer demands for value, innovation and performance. The technologies include common rail fuel systems, diesel oxidation catalysts (DOC) and diesel particulate filters (DPF). Designed and optimised to every engine model, our forklift truck maximises efficiency and reliability.



XINCHAI



Interactive instrument: The instrument adopts 4.0-inch color LCD display with four interactive buttons, and has one CAN bus communication function. The communication protocol is compatible with CANopen and SAE J1939 standards.



**Powerful/
Efficient/
Reliable**

HANGCHA Forklift with StageV and T4F

No.	Capacity	Series	Manufacturer	Engine	Drive power	Model	Emission Std.	Transmission	Power (kw/rpm)
1	1.5-3.5t	XF	KUBOTA	V2607-CR-E5B	Diesel	CPCD15/18/20/25/30/35-XW97F	Stage V / Tier4 final	F	37.4/2400
2	2.0-3.5t	XF	XINCHAI	3E22YG51	Diesel	CPCD20/25/30/35-XH7F/B	Stage V	F/OKAMURA	44.8/2400
3	1.0-1.8t	XF	GCT	GCT GK21LPG EU-StageV CERT	LPG	CPYD15/18-XH1F/B	Stage V	F/OKAMURA	38.4/2700
4	2.0-3.5t	XF	GCT	GCT GK25LPG EU-StageV CERT	LPG	CPYD20/25/30/35-XH3F/B	Stage V	F/OKAMURA	43.4/2700

Note: Stage V applied for European Union also including Israel and Turkey
Tier4 Final applied for North American
F means full floating transmission



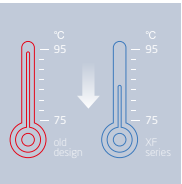
Productivity

Dynamic load sensing hydraulic steering system, Efficiency lighting system, lower fuel consumption, combine to provide increased productivity and reduced operating costs.

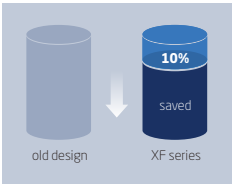
The new Dynamic load sensing hydraulic steering system contributes to reduce loss of hydraulic and improve energy efficiency.

The new efficiency lighting system employs LED illuminant and new type reflector to reduce energy consumption, improve significantly illumination performance and prolong work time.

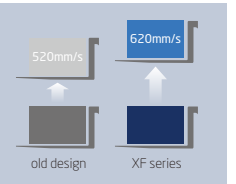
By optimizing transmission design, the power train provides higher efficiency. The fuel consumption is reduced by 10%.



Hydraulic oil balanced temperature (2.5T 4TNE98)



Fuel consumption



Speed at full load (2.5T 4TNE98)

Comfortable Operation



In developing the new XF Series, comfort and ease of operation is carefully considered, for example, to improve vibration levels, compound engine damper and full floating power train are adopted. Comfortable operating environments for operator also contribute to increased productivity.



In addition to rubber damper between frames and steering axle, compound engine damper and full floating power train achieve flexible connection between frames and driving system, as a result, traveling vibrations and vibrations from the driving system are significantly reduced.



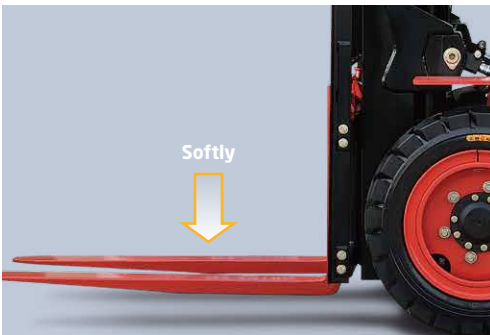
The enlarged capacity of optimized exhaust muffler, the intake muffler and the noise shield technologies provide significantly lower noise levels.

1. The new, relocated easy-to-see LCD meter lets the operator check on all aspects of operational status at a glance.
2. The new automobile-style light/turn-signal lever and forward-reverse lever are ergonomically designed and arranged to improve comfort and productivity.
3. The small diameter steering wheel with tilt adjustment provides the ideal operating position. The superior responsiveness of the steering wheel optimizes maneuverability even in narrow spaces.
4. The parking brake is specially developed. The operational force is reduced by 30%.
5. The automobile-style suspended pedals provide more ergonomic operation.



Comfortable Operation

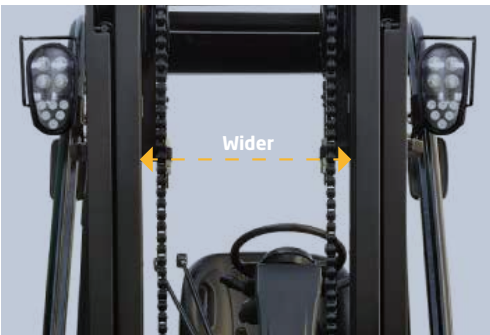
Optimal visibility in all directions create the best conditions for high productivity through relaxed and safe working.



The extra foot space is provided to reduce operator fatigue significantly. The new wide-open, non-slip step makes getting in and out easy and safe.

The optional Electro-hydraulic proportional control system contributes more sensitive and precise load handling. The easy- to-operate levers provide total load handling operation. An armrest is provided to reduce fatigue.

In addition to the soft landing system, the soft lifting system is adopted (front lifting cylinders of triplex mast and full free duplex mast), as a result, the noise and shock of the mast significantly decreases.



The developed front lifting cylinders with smaller outer diameter give the operator superior forward visibility.

The double lifting cylinders provide better forward visibility.

Reliability

By focusing on enhancing reliability, reducing downtime, the XF series is able to make the greater productivity for customer.



The new aluminum alloy transmission with full floating structure features excellent heat dissipation capability, more and thicker disc meet the most demanding applications.



The new vehicle controller integrates all electrical components, features excellent durability for temperature, water and vibration for most demanding operation.



The new stamped air cleaner featuring tangential intake, double seal with safety filter is durable, corrosion-free and vibration-resistant, provides better filter efficiency and lower intake resistance than the previous.



XF series features rugged design, stamped frame and engine hood, stamped instrument panel and head guard, heavy profile rail mast combine to provide excellent rigidity, which ensures outstanding reliability even in heavy-duty work.



Extra capacity combined radiator with serpentine wave and optimized heat dissipation channel enhance the heat dissipation capability to keep engine reliability even in heavy-duty applications.

Easy Maintenance



Careful design facilitates inspection and servicing. Easy maintenance reduces the amount of downtime and helps to reduce cost also.

The cover on the Panel can be lifted up simply to check the brake fluid.

The two-piece design makes the floorboard easy to lift and remove for access to the power train.

The easy-to-operate latch provides quick access to the engine compartment.

The fasteners of the radiator cover can be turned easily by hand to enable quick inspections or servicing.

Safety

A wide range of technologies are applied to ensure absolute safety for both the operator and those in the surrounding.



The locking device of the engine hood damper and parking brake help add to safety.



An optional rear-pillar assist grip with a horn button enhances safety of operator while traveling in reverse.



- 1. The operator presence sensing system incorporates lifting/tilting and traveling locking function. When the operator leaves the seat, the system automatically locks lifting / tilting and disables traveling to ensure safety.
- 2. A throttling device is adopted to avoid the mast being out of control even some pipes are broken.

Standards

Transmission	Steering	Chassiss	Control	Hydraulic
/ Suspended transmission / Oil filter / Dipstick / Oil cooler / Non-asbesttos brake / MS transmission with wet brake	/ Full hydraulic power steering / Smaller diameter steering wheel / Adjuster of steering wheel	/ Skidproof pedal / Rubber pedal / Engine hood spring	/ Power steering / Suspension pedal / Integrated combination switch / Cable parking brake	/ Dynamic load sending control valve (Diesel IC) / Hydraulic oil filter / Tilt cylender self-locking valve / Hydraulic oil dipstick

Truck	Power	Electronics	Mast
/ Traction device / Handhilds / Standard seat / Standard overhead guard / Waterproof cover on the guard / Back view mirror / Pneumatic tyres / Toolbox	/ Big capacity aluminum radiator / Little tank / Whirlwind air cleaner / Safety filter / High-efficient intake muffler / High-efficient exhaust muffler	/ High-efficient front lights / High-efficient LED rear lights / Service-free start battery / Combination controller / LCD display / Neutual switch / Time meter / Fuel gauge / Water temperature gauge / Pre-heat indicator / Charging indicator / Engine fuel pressure warning / Transmission oil pressure warning / Horn / Reversing buzzer / Power off	/ Standard wide view duplex mast / Standard forks / Standard fork carriage / Standard load back rest / Mast speed limiting valve / Load safety valve / Mast down buffer device / Mast up buffer device / Side roller

Options

Truck	Transmission	Power	Hydraulic	Electronics	Mast
/ Cabin / Cabin heater / Front window / Super elastic tyre / No-mark tyre (white/green) / Suspension seat / Extinguisher / Cover of tilt cylender / Heightning overhead guard / Reversing assist grip / Special given color / Seat with sensing system / Boot for tilt cylinder / Counter weight net	/ 2-D wheel	/ Duel fuel LPG system / Big capacity copper radiator / High-positioned exhaust system / Middle-positioned exhaust system / Air pre-cleaner / Net cover of radiator / Sparkle arrester / Purified exhaust system / Swiwel LPG bottle support / Downward LPG bottle support / Fan protector	/ Auxiliary hydraulic valve / Electro-hydraulic proportional control system / Return oil filter	/ OBD / Front working light / Rear working light / Warning lamp / Oil-water seperator warning	/ Duplex wide view free-lift mast / Triplex wide view free-lift mast / Triplex wide view 4-cylinder free-lift mast / Special forks / Wider fork carriage / Wider load back rest

Optional Attachments

- / Paper roll clamp
- / Rotating bale clamp
- / Load stabilizer
- / Multi-drum clamp
- / Bale clamp
- / Drum clamp
- / Dumping clamp
- / Crane arm
- / String Pole
- / Sideshifter
- / Rotating forks
- / Fork extensioner
- / Load release device
- / Carton clamp
- / Push-pull device
- / Bucket
- / Hook
- / Lengthened fork



XF series 2.0t forklift specification :

Distinguishing mark	1.1	HANGCHA GROUP CO.,LTD.																		
	1.2	CPCD20-XW33F/B/M	CPYD20-XW52F/B/M	CPYD20-XW71F	CPYD20-XW77B	CPYD20-XH3F/B	CPQD20-XW22F/B/M	CPYD20-XW22F/B/M	CPQYD20-XW22F/B/M	CPCD20-XW32F	CPYD20-XW51F	CPQD20-XW21F	CPYD20-XW21F	CPQYD20-XW21F	CPCD20-XW43F/B	CPCD20-XW55F/B	CPCD20-XW56F/B/M	CPCD20-XW10F	CPCD20-XW97F	CPCD20-XH7F/B
	1.3	Diesel	LPG	LPG	LPG	LPG	Gasoline	LPG	DUAL FUEL	Diesel	LPG	Gasoline	LPG	DUAL FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.5	2000																		
	1.6	500																		
	1.8	465																		
		415																		
	1.9	1650																		
Weight	2.1	3405																		
	2.2	4705/700																		
	2.3	1610/1795																		
Tyres, chassis	3.2	7.00-12-12PR																		
	3.3	6.00-9-10PR																		
	3.6	965																		
	3.7	973																		
Dimensions	4.1	6/12																		
	4.2	2035																		
	4.3	140																		
	4.4	3000																		
	4.5	4045																		
	4.7	2135(2215*)																		
	4.20	2530																		
	4.21	1155																		
	4.22	1070x122x40																		
	4.31	115																		
	4.32	150																		
	4.35	2180																		
		2645																		
	Performance data	5.1	(-/18.2)(-/18.6)(-/17.9)	(-/19)(-/19.4)(-/18.7)	(-/21)	(-/20)	(-/20)	(-/19)(-/19.4)(-/18.7)	-/19.4	-/18.2	-/18.2	(-/18.2)(-/18.6)	(-/18.2)(-/18.6)	(-/17.5)(-/18)	-/19.7	-/18.5	-/18.5			
5.2		0.620/-	0.560/-	0.560/-	0.560/-	0.560/-	0.560/-	0.600/-	0.490/-	0.490/-	0.620/-	0.620/-	0.620/-	0.590/-	0.600/-	0.600/-				
5.3		0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-				
5.5		(19800/-)(19400/-)(19500/-)	(18700/-)(18300/-)(18400/-)	(21000/-)	(21000/-)	(21000/-)	(18700/-)(18300/-)(18400/-)	14300/-	14500/-	14500/-	(19800/-)(19400/-)	(19800/-)(19400/-)	(19800/-)(19400/-)(19500/-)	15000/-	19500/-	19500/-				
5.7		(35/-)(34/-)(34/-)	(33/-)(32/-)(32/-)	(30/-)	(30/-)	(30/-)	(33/-)(32/-)(32/-)	24/-	25/-	25/-	(35/-)(34/-)	(35/-)(34/-)	(35/-)(34/-)(34/-)	25/-	25/-	27/-				
Combustion-engine	7.1	YANMAR/4TNE98	GCT(NISSAN)/GK25LPG	GCT GK25LPG EPA/CARB CERT	GCT GK25LPG NON-CERT	GCT GK25LPG EU StageV	GCT(NISSAN)/GK25	YANMAR/4TNE92	GCT(NISSAN)/GK21LPG	GCT(NISSAN)/GK21	CUMMINS/QSF2.8t3NA49	MTSUBISHI/S4S-Z362CSFL	YANMAR/4TNV94L-BXPHZ	ISUZU C240NKFC01	KUBOTA V2607-CR-E5B	XINCHAI 3E22YG51				
		StageIIIA/Tier3				EU StageV		StageIIIA/Tier3			StageIIIA	StageIIIA	StageIIIA	StageIIIA/CB3	EU StageV EPA/CARB Tier4 F	EU StageV				
	7.2	42.1	35	45.8	43.4	43.4	38	32.8	29	31.5	36.5	35.3	34.6	35.4	37.4	44.8				
	7.3	2300	2400	2700	2700	2700	2400	2450	2250	2300	2500	2250	2400	2500	2400	2400				
	7.4	4/3319	4/2488	4/2488	4/2488	4/2488	4/2488	4/2659	4/2065	4/2065	4/2800	4/3331	4/3054	4/2369	4/2615	3/2230				
	7.10	12/90	12/60	12/60	12/60	12/60	12/60	12/90	12/60	12/60	12/90	12/90	12/90	12/90	12/90	12/90				
		186/1700	170/1600	187/1600	183.5/1600	188/1600	185/1600	142/1600	140/1600	144/1600	186/1500	165/1700	191~208.5/1500	139.9/1800	171.5/1500	210/1600-1800				
		98×110	89×100	89×100	89×100	89×100	89×100	92×100	89×83	89×83	94×100	94×120	94×110	86×102	87×110	94×107				
		HANGCHA/OKAMURA/MS		HANGCHA	OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA/MS			HANGCHA			HANGCHA/OKAMURA		HANGCHA/OKAMURA/MS	HANGCHA	HANGCHA	HANGCHA/OKAMURA		
		\																		
		1/1																		
Addition data	10.1	175																		
	10.4	60	40	40	40	40	60	40	60	60	40	60	40	60	60	60	60	60	60	

Note: *With suspension seat or cabin
* As a calculated value
MS transmission with wet brake

XF series 2.5t forklift specification :

Distinguishing mark	1.1	HANGCHA GROUP CO.,LTD.																		
	1.2	CPCD25-XW33F/B/M	CPYD25-XW52F/B/M	CPYD25-XW71F	CPYD25-XW77B	CPYD25-XW3F/B	CPQD25-XW22F/B/M	CPYD25-XW22F/B/M	CPQYD25-XW22F/B/M	CPCD25-XW32F	CPYD25-XW51F	CPQD25-XW21F	CPYD25-XW21F	CPQYD25-XW21F	CPCD25-XW43F/B	CPCD25-XW55F/B	CPCD25-XW56F/B/M	CPCD25-XW10F	CPCD25-XW97F	CPCD25-XW77F/B
	1.3	Diesel	LPG	LPG	LPG	LPG	Gasoline	LPG	DUAL FUEL	Diesel	LPG	Gasoline	LPG	DUAL FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.5	2500																		
	1.6	500																		
	1.8	465																		
		490																		
	1.9	1650																		
Weight	2.1	3765																		
	2.2	5475/790																		
	2.3	1560/2205																		
Tyres, chassis	3.2	7.00-12-12PR																		
	3.3	6.00-9-10PR																		
	3.6	965																		
	3.7	973																		
Dimensions	4.1	6/12																		
	4.2	2035																		
	4.3	140																		
	4.4	3000																		
	4.5	4045																		
	4.7	2135(2215*)																		
	4.20	2605																		
	4.21	1155																		
	4.22	1070*122*40																		
	4.31	115																		
	4.32	150																		
	4.35	2245																		
		2710																		
Performance data	5.1	(-/18.2)(-/18.6)(/17.9)	(-/19)(-/19.4)(-/18.7)	(-/21)	(-/20)	(-/20)	(-/19)(-/19.4)(-/18.7)	-/19.4	-/18.2	-/18.2	(-/18.2)(-/18.6)	(-/18.2)(-/18.6)	(-/17.5)(-/18)	-/19.7	-/18.5	-/19				
	5.2	0.620/-	0.560/-	0.560/-	0.560/-	0.560/-	0.560/-	0.600/-	0.490/-	0.490/-	0.620/-	0.620/-	0.620/-	0.590/-	0.600/-	0.600/-				
	5.3	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-				
	5.5	(19800/-)(19400/-)(19500/-)	(18700/-)(18300/-)(18400/-)	(21000/-)	(21000/-)	(21000/-)	(18700/-)(18300/-)(18400/-)	14300/-	14500/-	14500/-	(19800/-)(19400/-)	(19800/-)(19400/-)	(19800/-)(19400/-)(19500/-)	15000/-	19500/-	19500/-				
	5.7	(30/-)(29/-)(29/-)	(28/-)(27/-)(27/-)	(30/-)	(30/-)	(30/-)	(28/-)(27/-)(27/-)	21/-	21/-	21/-	(30/-)(29/-)	(30/-)(29/-)	(30/-)(29/-)(29/-)	20/-	23/-	25/-				
Combustion-engine	7.1	YANMAR/4TNE98	GCT(NISSAN)/GK25LPG	GCT GK25LPG EPA/CARB CERT	GCT GK25LPG NON-CERT	GCT GK25LPG EU StageV	GCT(NISSAN)/GK25	YANMAR/4TNE92	GCT(NISSAN)/GK21LPG	GCT(NISSAN)/GK21	CUMMINS/QSF2.8t3NA49	MITSUBISHI/S4S-Z362CSFL	YANMAR/4TNV94L-BXPHZ	ISUZU C240NKFC01	KUBOTA V2607-CR-ESB	XINCHAI 3E22YG51				
		StageIIIA/Tier3				EU StageV		StageIIIA/Tier3			StageIIIA	StageIIIA	StageIIIA	StageIIIA/GB3	EU StageV EPA/CARB Tier4 F	EU StageV				
	7.2	42.1	35	45.8	43.4	43.4	38	32.8	29	31.5	36.5	35.3	34.6	35.4	37.4	44.8				
	7.3	2300	2400	2700	2700	2700	2400	2450	2250	2300	2500	2250	2400	2500	2400	2400				
	7.4	4/3319	4/2488	4/2488	4/2488	4/2488	4/2488	4/2659	4/2065	4/2065	4/2800	4/3331	4/3054	4/2369	4/2615	3/2230				
	7.10	12/90	12/60	12/60	12/60	12/60	12/60	12/90	12/60	12/60	12/90	12/90	12/90	12/90	12/90	12/90				
		196/1700	170/1600	187/1600	183.5/1600	188/1600	185/1600	142/1600	140/1600	144/1600	186/1500	165/1700	191~208.5/1500	139.9/1800	171.5/1500	210/1600-1800				
		98*110	89*100	89*100	89*100	89*100	89*100	92*100	89*83	89*83	94*100	94*120	94*110	86*102	87*110	94*107				
		HANGCHA/OKAMURA/MS		HANGCHA	OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA/MS			HANGCHA			HANGCHA/OKAMURA		HANGCHA/OKAMURA/MS	HANGCHA	HANGCHA	HANGCHA/OKAMURA		
		Powershift																		
		1/1																		
Addition data	10.1	175																		
	10.4	60	40	40	40	40	60	40	60	60	40	60	40	60	60	60	60	60	60	

Note: *With suspension seat or cabin
* As a calculated value
MS transmission with wet brake

XF series 3.0t forklift specification :

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.																
	1.2	Manufacturer's type designation		CPCD30-XW33F/B/M	CPYD30-XW52F/B/M	CPYD30-XW71F	CPYD30-XW77B	CPYD30-XH3F/B	CPQD30-XW22F/B/M	CPYD30-XW22F/B/M	CPQYD30-XW22F/B/M	CPQYD30-XW43F/B	CPCD30-XW55F/B	CPCD30-XW56F/B/M	CPCD30-XW10F	CPCD30-XW97F	CPCD30-XH7F/B			
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	LPG	LPG	LPG	LPG	Gasoline	LPG	DUAL FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel			
	1.5	Rated capacity/rated load	Q (kg)	3000																
	1.6	Load centre distance	c (mm)	500																
	1.8	Load distance, centre of drive axle to fork	x (mm)	480																
		Rear overhang	mm	550																
	1.9	Wheelbase	y (mm)	1700																
	Weight	2.1	Service Weight	kg	4350															
2.2		Axle loading, laden front/rear	kg	6450/900																
2.3		Axle loading, unladen front/rear	kg	1750/2600																
Tyres, chassis	3.2	Tyre size, front		28*9-15-14PR																
	3.3	Tyre size, rear		6.50-10-10PR																
	3.6	Tread, front	b ₁₀ (mm)	1005																
	3.7	Tread, rear	b ₁₁ (mm)	975																
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12																
	4.2	Height, mast lowered	h ₁ (mm)	2050																
	4.3	Free lift	h ₂ (mm)	145																
	4.4	Lift	h ₃ (mm)	3000																
	4.5	Height, mast extended	h ₄ (mm)	4145																
	4.7	Height of overhead guard (cabin)	h ₆ (mm)	2150(2230*)																
	4.20	Length to face of forks	l ₂ (mm)	2730																
	4.21	Overall width	b ₁ (mm)	1225																
	4.22	Fork dimensions	s/e/l (mm)	1070*122*45																
	4.31	Ground clearance, laden, below mast	m ₁ (mm)	130																
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	165																
	4.35	Turning radius	W _a (mm)	2355																
		Min. right angle stacking aisle width (Add load length and clearance)	mm	2835																
Performance data	5.1	Travel speed, laden/unladen	km/h	(-/17.2)(-/17.6) (-/17.6)	(-/17.9)(-/18.4) (-/18.3)	(-/19.8)	(-/19.8)	(-/19.8)	(-/17.9)(-/18.4)(-/18.3)			(-/17.2)(-/17.6)	(-/17.2)(-/17.6)	(-/18.6)(-/19)	-/18.6	-/18.5	-/18.5			
	5.2	Lift speed, laden/unladen	m/s	0.490/-	0.450/-	0.480/-	0.480/-	0.480/-	0.450/-			0.490/-	0.490/-	0.490/-	0.470/-	0.500/-	0.480/-			
	5.3	Lowering speed, laden/unladen	m/s	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-			0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-			
	5.5	Drawbar pull, laden/unladen	N	(21000/-)(20500/-) (19900/-)	(19800/-)(19300/-) (18700/-)	(22000/-)	(22000/-)	(22000/-)	(19800/-)(19300/-)(18700/-)			(21000/-) (20500/-)	(21000/-) (20500/-)	(20800/-)(20300/-) (19900/-)	16000/-	20500/-	20500/-			
	5.7	Gradeability, laden/unladen*	%	(27/-)(26/-)(25/-)	(25/-)(24/-)(23/-)	(25/-)	(25/-)	(25/-)	(25/-)(24/-)(23/-)			(27/-)(26/-)	(26/-)(25/-)	(27/-)(26/-)(25/-)	19/-	20/-	23/-			
Combustion-engine	7.1	Engine manufacturer/type		YANMAR/4TNE98	GCT(NISSAN)/GK25LPG	GCT GK25LPG EPA/ CARB CERT	GCT GK25LPG NON-CERT	GCT GK25LPG EU StageV	GCT(NISSAN)/GK25			CUMMINS/ QSF2.8T3NA49	mitsubishi/ S45-Z362CSFL	YANMAR/ 4TNV94L-BXPHZ	ISUZU C240NKFC01	KUBOTA V2607-CR-E5B	XINCHAI 3E22YG51			
		Emission STD		StageIIIA/Tier3				EU StageV						StageIIIA	StageIIIA/GB3	EU StageV EPA/CARB Tier4 F	EU StageV			
	7.2	Engine power according to DIN ISO 1585	kw	42.1	35	45.8	43.4	43.4	38			36.5	35.3	34.6	35.4	37.4	44.8			
	7.3	Rated speed	min	2300	2400	2700	2700	2700	2400			2500	2250	2400	2500	2400	2400			
	7.4	Number of cylinders/displacement	(-)/(cm ³)	4/3319	4/2488	4/2488	4/2488	4/2488	4/2488			4/2800	4/3331	4/3054	4/2369	4/2615	3/2230			
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/60	12/60	12/60	12/60	12/60			12/90	12/90	12/90	12/90	12/90	12/90			
		Rated torque	N·m/r/min	196/1700	170/1600	187/1600	183.5/1600	188/1600	185/1600			186/1500	165/1700	191~208.5/1500	139.9/1800	171.5/1500	210/1600-1800			
		Bore × stroke	mm	98×110	89×100	89×100	89×100	89×100	89×100			94×100	94×120	94×110	86×102	87×110	94×107			
		Transmissions Manufacturer		HANGCHA/OKAMURA/MS			HANGCHA	OKAMURA	HANGCHA/OKAMURA			HANGCHA/OKAMURA			HANGCHA/OKAMURA/MS		HANGCHA/OKAMURA/MS	HANGCHA	HANGCHA	HANGCHA/OKAMURA
		Transmissions Type		Powershift																
	Stage FWD/RVS		1/1																	
Addition data	10.1	Operating pressure for attachments	bar	175																
	10.4	Fuel tank capacity	liter	40	70	40	40	40	40	70	70	70	70	70	70	70	70			

Note: *With suspension seat or cabin
 * As a calculated value
 MS transmission with wet brake

XF series 3.5t forklift specification :

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.														
	1.2	Manufacturer's type designation		CPCD35-XW33F/B/M	CPYD35-XW52F/B/M	CPYD35-XW71F	CPYD35-XW77B	CPYD35-XH3F/B	CPQD35-XW22F/B/M	CPYD35-XW22F/B/M	CPQYD35-XW22F/B/M	CPCD35-XW43F/B	CPCD35-XW55F/B	CPCD35-XW56F/B/M	CPCD35-XW97F	CPCD35-XH7F/B		
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	LPG	LPG	LPG	LPG	Gasoline	LPG	DUAL FUEL	Diesel	Diesel	Diesel	Diesel	Diesel		
	1.5	Rated capacity/rated load	Q (kg)	3500														
	1.6	Load centre distance	c (mm)	500														
	1.8	Load distance, centre of drive axle to fork	x (mm)	485														
		Rear overhang	mm	615														
	1.9	Wheelbase	y (mm)	1700														
	Weight	2.1	Service Weight	kg	4705													
2.2		Axle loading, laden front/rear	kg	7255/950														
2.3		Axle loading, unladen front/rear	kg	1720/2985														
Tyres, chassis	3.2	Tyre size, front		28*9-15-14PR														
	3.3	Tyre size, rear		6.50-10-10PR														
	3.6	Tread, front	b10 (mm)	1005														
	3.7	Tread, rear	b11 (mm)	975														
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12														
	4.2	Height, mast lowered	h1 (mm)	2165														
	4.3	Free lift	h2 (mm)	145														
	4.4	Lift	h3 (mm)	3000														
	4.5	Height, mast extended	h4 (mm)	4145														
	4.7	Height of overhead guard (cabin)	h5 (mm)	2150(2230*)														
	4.20	Length to face of forks	Lz (mm)	2800														
	4.21	Overall width	b1 (mm)	1225														
	4.22	Fork dimensions	s/e/l (mm)	1070*122*50														
	4.31	Ground clearance, laden, below mast	m1 (mm)	130														
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	165														
	4.35	Turning radius	Wa (mm)	2415														
		Min. right angle stacking aisle width (Add load length and clearance)	mm	2900														
	Performance data	5.1	Travel speed, laden/unladen	km/h	(-/17.2)(-/17.6) (-/17.6)	(-/17.9)(-/18.4) (-/18.3)	(-/19.8)	(-/19.8)	(-/19.8)	(-/17.9)(-/18.4)(-/18.3)		(-/17.2)(-/17.6)	(-/17.2)(-/17.6)	(-/18.6)(-/19)	-/18.5	-/18.5		
		5.2	Lift speed, laden/unladen	m/s	0.430/-	0.385/-	0.480/-	0.480/-	0.480/-	0.385/-		0.430/-	0.430/-	0.430/-	0.440/-	0.440/-		
		5.3	Lowering speed, laden/unladen	m/s	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-		0.500/-	0.500/-	0.500/-	0.500/-	0.500/-		
5.5		Drawbar pull, laden/unladen	N	(21000/-)(20500/-) (19900/-)	(19800/-)(19300/-) (18700/-)	(22000/-)	(22000/-)	(22000/-)	(19800/-)(19300/-)(18700/-)		(21000/-) (20500/-)	(21000/-) (20500/-)	(20800/-)(20300/-) (19900/-)	20500/-	20500/-			
5.7		Gradeability, laden/unladen*	%	(24/-)(23/-)(22/-)	(22/-)(22/-)(21/-)	(25/-)	(25/-)	(25/-)	(22/-)(22/-)(21/-)		(24/-)(23/-)	(23/-)(22/-)	(24/-)(23/-)(22/-)	20/-	23/-			
Combustion-engine		7.1	Engine manufacturer/type		YANMAR/4TNE98	GCT(NISSAN)/ GK25LPG	GCT GK25LPG EPA/ CARB CERT	GCT GK25LPG NON-CERT	GCT GK25LPG EU StageV	GCT(NISSAN)/GK25		CUMMINS/ QSF2.8i3NA49	MITSUBISHI/ S4S-Z362CSFL	YANMAR/ 4TNV94L-BXPHZ	KUBOTA V2607-CR-E5B	XINCHAI 3E22YG51		
		Emission STD		StageIIIA/Tier3				EU StageV					StageIIIA	EU StageV EPA/CARB Tier4 F	EU StageV			
	7.2	Engine power according to DIN ISO 1585	kw	42.1	35	45.8	43.4	43.4	38		36.5	35.3	34.6	37.4	44.8			
	7.3	Rated speed	min	2300	2400	2700	2700	2700	2400		2500	2250	2400	2400	2400			
	7.4	Number of cylinders/displacement	(-)(cm ³)	4/3319	4/2488	4/2488	4/2488	4/2488	4/2488		4/2800	4/3331	4/3054	4/2615	3/2230			
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/60	12/60	12/60	12/60	12/60		12/90	12/90	12/90	12/90	12/90			
		Rated torque	N·m/r/min	196/1700	170/1600	187/1600	183.5/1600	188/1600	185/1600		186/1500	165/1700	191~208.5/1500	171.5/1500	210/1600-1800			
		Bore × stroke	mm	98×110	89×100	89×100	89×100	89×100	89×100		94×100	94×120	94×110	87×110	94×107			
		Transmissions Manufacturer		HANGCHA/OKAMURA/MS			HANGCHA	OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA/MS			HANGCHA/OKAMURA			HANGCHA/OKAMURA/MS	HANGCHA	HANGCHA/OKAMURA
		Transmissions Type		Powershift														
Addition data		Stage FWD/RVS		1/1														
	10.1	Operating pressure for attachments	bar	175														
	10.4	Fuel tank capacity	liter	40	70	40	40	40	40	70	70	70	70	70	70	70		

Note: *With suspension seat or cabin
* As a calculated value
MS transmission with wet brake

