

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	1 / 1.5	1.75t	FwD	BwD	Load capacity at 500mm					
				Without backrest	With backrest									Single tire			Dual tire		
														1t	1.5t	1.75t	1t	1.5t	1.75t
Wide view mast	X15M200	2000	1495	2565	2955	155	155	405	410	6	12	1000	1500	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	1500	1750	1000	1500	1500	1750
	X15M430	4300	2745	4900	5255	155	155	405	410	6	6	950	1450	1600	1000	1450	1650	1500	1750
	X15M450	4500	2845	5100	5455	155	155	405	410	6	6	900	1400	1550	950	1400	1600	1500	1750
	X15M470	4700	2945	5300	5655	155	155	405	410	6	6	850	1350	1500	900	1350	1550	1500	1750
	X15M500	5000	3095	5600	5955	155	155	405	410	6	6	800	1300	1450	850	1300	1500	1500	1750
	X15M550	5500	3345	6100	6455	155	155	405	410	6	6	750	1250	1400	800	1250	1450	1500	1750
	X15M600	6000	3595	6600	6955	155	155	405	410	6	6	700	1200	1350	750	1200	1400	1450	1750
	Wide view full duplex mast	X15U200	2000	1560	2585	2945	975	615	405	410	6	12	1000	1500	1750	1000	1500	1500	1750
X15U250		2500	1810	3085	3445	1225	865	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U270		2700	1910	3285	3645	1325	965	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U300		3000	2010	3590	3950	1425	1065	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U330		3300	2160	3885	4245	1575	1215	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U350		3500	2260	4085	4445	1675	1315	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U370		3700	2360	4285	4645	1775	1415	405	410	6	12	1000	1500	1750	1000	1500	1500	1750	
X15U400		4000	2560	4585	4945	1975	1615	405	410	6	12	1000	1500	1650	1000	1500	1500	1750	
X15N400		4000	1970	4680	4995	1300	1025	420	425	6	6	900	1400	1550	950	1400	1600	1600	
X15N430		4300	2070	4980	5255	1400	1125	420	425	6	6	850	1350	1500	900	1350	1550	1600	
X15N450		4500	2120	5130	5455	1500	1175	420	425	6	6	800	1300	1450	850	1300	1500	1500	
X15N470		4700	2170	5380	5750	1585	1225	420	425	6	6	750	1250	1400	800	1250	1450	1450	
X15N500		5000	2270	5595	5955	1685	1325	420	425	6	6	700	1200	1350	800	1250	1450	1450	
X15N550		5500	2470	6095	6455	1885	1525	420	425	3	6	650	950	1050	750	1150	1300	1300	
X15N600		6000	2720	6795	7055	2100	1725	420	425	3	6	600	700	750	700	1050	1150	1150	
X15N650	6500	2870	7180	7435	2200	1925	420	425	3	6	550	600	650	600	900	1000	1000		
X15N700	7000	2970	7595	7955	2385	2025	420	425	3	6	500	550	600	500	800	900	900		

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

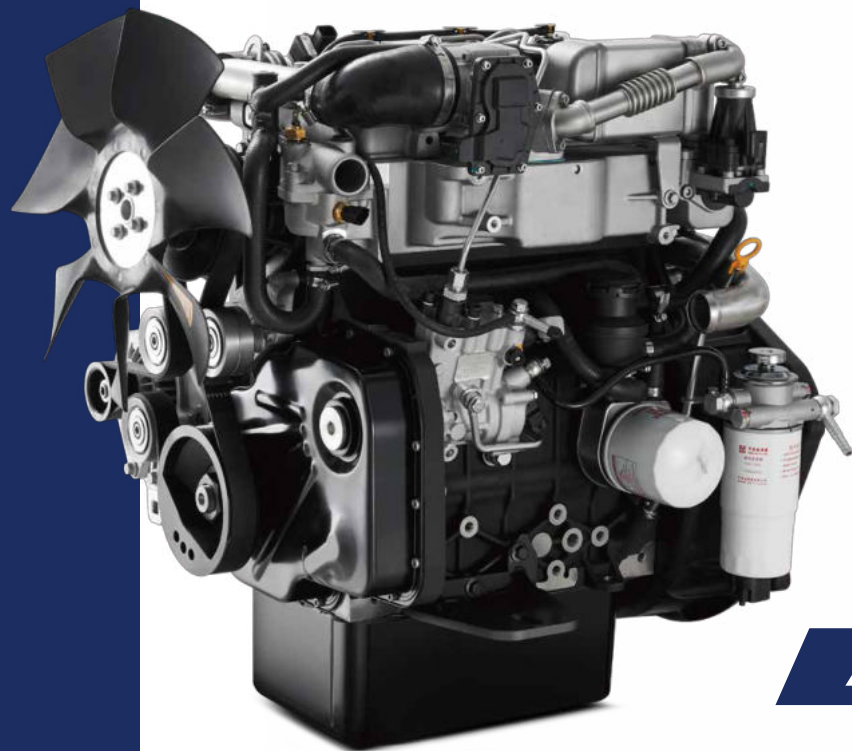
2.0~2.5t XF series mast: (pneumatic)

Type	Model	Max. fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity				
			Lowered	Extended		Without backrest	With backrest	Without backrest		With backrest	FwD	BwD	Load capacity at 500 mm			
				Without backrest	With backrest								Single tire		Dual tire	
													2.0t	2.5t	2.0t	2.5t
Wide view mast	mm	mm	mm	mm	mm	mm	mm	mm	mm	(°)	kg	kg	kg	kg		
	X25M200	2000	1535	2660	3045	140	140	465	6	12	2000	2500	2000	2500		
	X25M250	2500	1785	3160	3545	140	140	465	6	12	2000	2500	2000	2500		
	X25M270	2700	1885	3360	3745	140	140	465	6	12	2000	2500	2000	2500		
	X25M300	3000	2035	3660	4045	140	140	465	6	12	2000	2500	2000	2500		
	X25M330	3300	2185	3960	4345	140	140	465	6	12	2000	2500	2000	2500		
	X25M350	3500	2285	4160	4545	140	140	465	6	12	2000	2500	2000	2500		
	X25M370	3700	2435	4360	4745	140	140	465	6	12	2000	2500	2000	2500		
	X25M400	4000	2635	4660	5045	140	140	465	6	12	2000	2500	2000	2500		
	X25M430	4300	2785	4960	5345	140	140	465	6	12	1950	2400	2000	2450		
	X25M450	4500	2885	5160	5545	140	140	465	6	6	1950	2300	1950	2350		
	X25M470	4700	2985	5360	5745	140	140	465	6	6	1850	2200	1850	2300		
	X25M500	5000	3135	5660	6045	140	140	465	6	6	1850	1850	1850	2100		
	X25M550	5500	3385	6160	6545	140	140	465	3	6	1600	1600	1600	1900		
	Wide view full free duplex mast	X25N600	6000	3635	6660	7045	140	140	465	3	6	1400	1400	1400	1750	
X25U200		2000	1560	2680	3045	880	510	465	6	12	2000	2500	2000	2500		
X25U250		2500	1810	3180	3545	1130	760	465	6	12	2000	2500	2000	2500		
X25U270		2700	1910	3380	3745	1230	860	465	6	12	2000	2500	2000	2500		
X25U300		3000	2010	3680	4045	1330	960	465	6	12	2000	2500	2000	2500		
X25U330		3300	2160	3980	4345	1480	1110	465	6	12	2000	2500	2000	2500		
X25U350		3500	2260	4180	4545	1580	1210	465	6	12	2000	2500	2000	2500		
X25U370		3700	2360	4380	4745	1680	1310	465	6	12	2000	2500	2000	2500		
X25U400		4000	2560	4680	5045	1880	1510	465	6	12	2000	2500	2000	2500		
X25M400		4000	2000	4700	5045	1300	955	480	6	6	1950	2450	1950	2500		
X25N430		4300	2100	5000	5345	1400	1055	480	6	6	1900	2400	1950	2450		
X25N450		4500	2150	5050	5395	1470	1105	480	6	6	1850	2300	1850	2300		
X25N470		4700	2200	5380	5745	1520	1155	480	6	6	1800	2250	1800	2300		
X25N500		5000	2300	5680	6045	1620	1255	480	6	6	1700	2150	1700	2250		
Wide view full free triplex mast		X25N550	5500	2500	6180	6545	1820	1405	480	3	6	1450	1600	1600	1900	
	X25N600	6000	2750	6780	7095	2070	1705	480	3	6	1000	1050	1400	1750		
	X25N650	6500	2900	7405	7705	2300	1855	480	3	6	740	780	1350	1650		
	X25N700	7000	3050	7690	7995	2570	2005	480	3	6	6	1000	1100	1150		

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	KUBOTA	V2607-CR-TE5B	Diesel	CPCD20/25/30/35-XW98F	Stage V / Tier4 final	F	47.3/2400
3	1.5-1.8t	XF	XINCHAI	3E22YG51P464	Diesel	CPCD15/18/-XH7F	Stage V	F/OKAMURA	34/2400
4	2.0-3.5t	XF	XINCHAI	3E22YG51	Diesel	CPCD20/25/30/35-XH7F/B	Stage V	F/OKAMURA	44.8/2400
5	1.0-1.8t	XF	GCT	GCT GK21LPG EU-StageV CERT	LPG	CPYD15/18-XH1F/B	Stage V	F/OKAMURA	38.4/2700
6	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



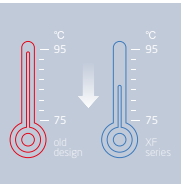
Productivity

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

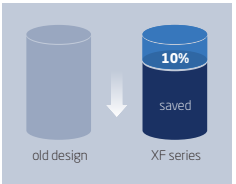
The new Dynamic load sensing hydraulic steering system contributes to reduce loss of hydraulic and improve energy efficiency.

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

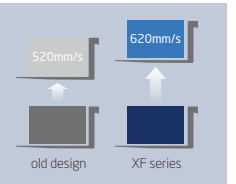
By optimizing transmission design, the power train provides higher efficiency. The fuel consumption is reduced by 10%.



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.



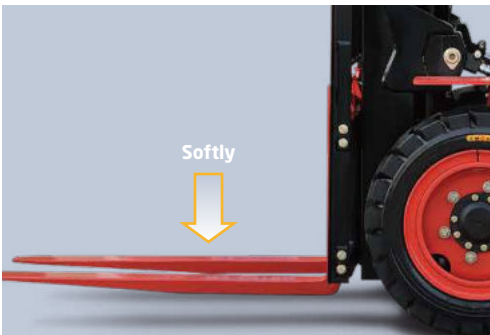
The enlarged capacity of optimized exhaust muffler, the intake muffler and the noise shield technologies provide significantly lower noise levels.

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

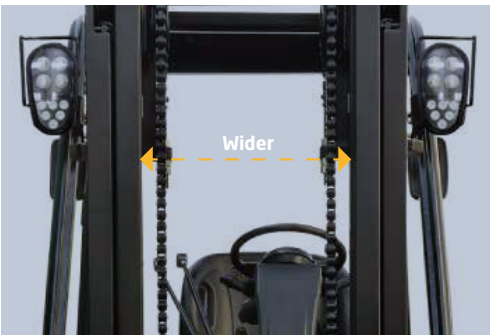
Optimal visibility in all directions create the best conditions for high productivity through relaxed and safe working.



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 / Heightening 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 1.0-3.5t forklift specification:

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.															
	1.2	Manufacturer's type designation		CPCD10-XW3ZF/B	CPYD15-XH1F/B	PCPD15-XH7F	PCPD15-XW97F	CPYD18-XH1F/B	PCPD18-XH7F		PCPD18-XW97F	CPYD20-XH3F/B	PCPD20-XH7F/B	CPYD25-XH3F/B	PCPD25-XH7F/B	CPYD30-XH3F/B	PCPD30-XH7F/B	CPYD35-XH3F/B	PCPD35-XH7F/B
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	LPG	Diesel	Diesel	LPG	Diesel	Diesel	LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG	Diesel	Diesel
	1.5	Rated capacity/rated load	Q (kg)	1000	1500	1500	1500	1750	1750		1750	2000	2000	2500	2500	3000	3000	3500	3500
	1.6	Load centre distance	c (mm)	500	500	500	500	500	500		500	500	500	500	500	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	405	405	405	405	405	405		405	465	465	465	465	480	480	485	485
		Rear overhang	mm	375	405	405	405	430	430		430	415	415	490	490	550	550	615	615
	1.9	Wheelbase	y (mm)	1475	1475	1475	1475	1475	1475		1475	1650	1650	1650	1650	1700	1700	1700	1700
Weight	2.1	Service Weight	kg	2510	2650	2650	2650	2760	2760		2760	3405	3405	3765	3765	4350	4350	4705	4705
	2.2	Axle loading, laden front/rear	kg	3055/455	3660/490	3660/490	3660/490	3995/520	3995/520		3995/520	4705/700	4705/700	5475/790	5475/790	6450/900	6450/900	7255/950	7255/950
	2.3	Axle loading, unladen front/rear	kg	1260/1250	1240/1410	1240/1410	1240/1410	1225/1540	1225/1540		1225/1540	1610/1795	1610/1795	1560/2205	1560/2205	1750/2600	1750/2600	1720/2985	1720/2985
	3.2	Tyre size, front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR		6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28*9-15-14PR	28*9-15-14PR	28*9-15-14PR	28*9-15-14PR
Dimensions	3.3	Tyre size, rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR		5.00-8-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.6	Tread, front	b10 (mm)	900	900	900	900	900	900		900	965	965	965	965	1005	1005	1005	1005
	3.7	Tread, rear	b11 (mm)	920	920	920	920	920	920		920	973	973	973	973	975	975	975	975
	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12	6/12	6/12	6/12	6/12	6/12		6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995	1995	1995		1995	2035	2035	2035	2035	2050	2050	2165	2165
	4.3	Free lift	h2 (mm)	155	155	155	155	155	155		155	140	140	140	140	145	145	145	145
	4.4	Lift	h3 (mm)	3000	3000	3000	3000	3000	3000		3000	3000	3000	3000	3000	3000	3000	3000	3000
	4.5	Height, mast extended	h4 (mm)	3955	3955	3955	3955	3955	3955		3955	4045	4045	4045	4045	4145	4145	4145	4145
	4.7	Height of overhead guard (cabin)	h6 (mm)	2125(2205*)	2125(2205*)	2125(2205*)	2125(2205*)	2125(2205*)	2125(2205*)		2125(2205*)	2135(2215*)	2135(2215*)	2135(2215*)	2135(2215*)	2150(2230*)	2150(2230*)	2150(2230*)	2150(2230*)
	4.20	Length to face of forks	l2 (mm)	2255	2285	2285	2285	2310	2310		2310	2530	2530	2605	2605	2730	2730	2800	2800
	4.21	Overall width	b1(mm)	1080	1080	1080	1080	1080	1080		1080	1155	1155	1155	1155	1225	1225	1225	1225
	4.22	Fork dimensions	s/e/1 (mm)	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35		920*100*35	1070*122*40	1070*122*40	1070*122*40	1070*122*40	1070*122*45	1070*122*45	1070*122*50	1070*122*50
	4.31	Ground clearance, laden, below mast	m1 (mm)	115	115	115	115	115	115		115	115	115	115	115	130	130	130	130
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	140	140	140	140	140	140		140	150	150	150	150	165	165	165	165
	4.35	Turning radius	Wa (mm)	1965	1990	1990	1990	2015	2015		2015	2180	2180	2245	2245	2355	2355	2415	2415
	Performance data		Min. right angle stacking aisle width (Add load length and clearance)	mm	2370	2395	2395	2395	2420	2420		2420	2645	2645	2710	2710	2835	2835	2900
5.1		Travel speed, laden/unladen	km/h	(-/19)(-/19.3)(-/19)	(-/20)	-/20	-/20	-/19	-/20		-/19	(-/20)	-/18.5	(-/20)	-/19	(-/19.8)	-/18.5	(-/19.8)	-/18.5
5.2		Lift speed, laden/unladen	m/s	0.580/-	0.530/-	0.580/-	0.580/-	0.530/-	0.580/-		0.580/-	0.560/-	0.600/-	0.560/-	0.600/-	0.480/-	0.480/-	0.480/-	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/-	0.500/-	0.500/-	0.500/-	0.500/-
5.5		Drawbar pull, laden/unladen	N	(14600/-)(14400/-)(14100/-)	(19000/-)	14500/-	16800/-	(19000/-)	14500/-		16800/-	(21000/-)	19500/-	(21000/-)	19500/-	(22000/-)	20500/-	(22000/-)	20500/-
5.7		Gradeability, laden/unladen*	%	(40/-)(39/-)(38/-)	(37/-)	29/-	34/-	(37/-)	29/-		34/-	(30/-)	27/-	(30/-)	25/-	(25/-)	23/-	(25/-)	23/-
Combustion-engine		7.1	Engine manufacturer/type		YANMAR/4TNE92	GCT GK21LPG EU StageV	3E22YG51P464	KUBOTA V2607-CR-E5B	GCT GK21LPG EU StageV	3E22YG51P464		KUBOTA V2607-CR-E5B	GCT GK25LPG EU StageV	XINCHAI 3E22YG51	GCT GK25LPG EU StageV	XINCHAI 3E22YG51	GCT GK25LPG EU StageV	XINCHAI 3E22YG51	GCT GK25LPG EU StageV
		Emission STD		StageIIIA/Tier3	EU StageV	EU StageV	EU StageV EPA/CARB Tier4 F	EU StageV	EU StageV		EU StageV EPA/CARB Tier4 F	EU StageV	EU StageV	EU StageV	EU StageV	EU StageV	EU StageV	EU StageV	EU StageV
	7.2	Engine power according to DIN ISO 1585	kw	32.8	38.4	34	38	38.4	34		38	43.4	44.8	43.4	44.8	43.4	44.8	43.4	44.8
	7.3	Rated speed	min	2450	2700	2400	2400	2700	2400		2400	2700	2400	2700	2400	2700	2400	2700	2400
	7.4	Number of cylinders/displacement	(-)/(cm³)	4/2659	4/2065	3/2227	4/2615	4/2065	3/2227		4/2615	4/2488	3/2230	4/2488	3/2230	4/2488	3/2230	4/2488	3/2230
	7.10	Battery voltage/nominal capacity	V/Ah	12/60	12/60	12/90	12/90	12/90	12/60		12/90	12/60	12/90	12/60	12/90	12/60	12/90	12/60	12/90
		Rated torque	Nm/r/min	142/1600	151/1600	150/1600-1800	174.1/1500	142/1600	150/1600-1800		174.1/1500	183.5/1600	210/1600-1800	188/1600	210/1600-1800	188/1600	210/1600-1800	188/1600	210/1600-1800
		Bore × stroke	mm	92*100	89*83	94*107	87*110	92*100	94*107		87*110	89*100	94*107	89*100	94*107	89*100	94*107	89*100	94*107
		Transmissions Manufacturer		HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA	HANGCHA	HANGCHA/OKAMURA	HANGCHA		HANGCHA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA
		Transmissions Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
Addition data		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	1/1	1/1	1/1
	10.1	Operating pressure for attachments	bar	145	145	145	145	145	145		145	175	175	175	175	175	175	175	175
	10.4	Fuel tank capacity	liter	50	28	50	50	28	50		50	40	60	40	60	40	70	40	70

Note: *With suspension seat or cabin

* As a calculated value

Optional Engine / Transmission

Engine	Engine manufacturer/type		GCT K21			YANMAR 4TNE92			GCT K21 LPG	GCT GK21 LPG	GCT GK21 LPG EU StageV	KUBOTA V2607-CR-E5	YANMAR 4TNE98	XINCHAI A498BT1	GCT K25 LPG	GCT GK25LPG	GCT K25	mitsubishi S4S-DPEU2	ISUZU 4JG2PE-01	GCT GK25 LPG EU StageV	XINCHAI 3E22YG51P464	XINCHAI 3E22YG51	KUBOTA V2607-CR-TE58																			
	Manufacturer's type designation		W21			W32			W51	W87	H1	W97	W33	W27	W52	W77	W22	W55	W13	H3	H7	H7	W98																			
	Drive		Gasoline	Gasoline/ DUAL FUEL/ LPG	Gasoline/ DUAL FUEL/ LPG	Diesel	LPG			LPG	LPG	Diesel	Diesel	Diesel	LPG	LPG	Gasoline DUAL FUEL/LPG	Diesel	Diesel	LPG	Diesel	Diesel	Diesel																			
	Emission STD		—			StageIIIA			—			EU StageV		Stage V/Tier 4F	StageIIIA	StageIIIA	—	—	StageIIIA	StageII	EU StageV	EU StageV	EU StageV	EU StageV EPA/CARB Tier4 F																		
	Engine power		kW/r/min			31.2/2250			32.8/2450			29/2250		38.4/2700		38/2400		42.1/2300		36.8/2400		35/2400		43.4/2700		37.4/2500		35.3/2250		46/2450		43.4/2700		34/2400		44.8/2400		47.3/2400				
	Rated torque		Nm/r/min			143.7/1600			149/1600			140/1600			151/1600		151/1600		174.1/1500		206/1700		186/1600~1800		170/1600		183.5/1600		176.5/1600		177/1700		186/1700±100		183.5/1600		150/1600~1800		210/1600~1800		221.7/1500	
	Number of cylinders/displacement		ml			4/2065			4/2659			4/2065		4/2065		4/2615		4/3319		4/3168		4/2488		4/2488		4/3059		4/2488		4/3331		4/3059		4/2488		4/2615						
Transmission	Powershift	F(CHINA)	F	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓																			
		OKAMURA(JAPAN)	B	✓	✓	✗	✓	✗	✓	✗	✓	✓	✗	✓	✗	✓	✓	✓	✓	✗	✓	✗	✓	✗																		
Rated capacity/rated load			Q (kg)	1000	1500-1750	2000	1000-1750	2000-2500	1500-1750	2000-2500	1500-1750	1500-1750	1500-3500	2000-3500	2000-3500	2000-3500	2000-3500	2000-3500	2000-3500	3000-3500	2000-3500	1500-1800	2000-3500	2000-3500																		

