

1.0~1.8t XF series mast: (pneumatic)

Type	Model	Overall height						Free lift			Tilt range		Capacity					
		Max. fork height	Lowered		Extended		Without backrest	With backrest	Front Overhang	FwD	BwD	Load capacity at 500mm						
			With backrest		Without backrest							Single tire			Dual tire			
			mm	mm	mm	mm						1 / 1.5	1.75t	1t	1.5t	1.75t	1t	1.5t
Wide view mast	X1SM200	2000	1495	2565	2955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM250	2500	1745	3065	3455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM270	2700	1845	3265	3655	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM300	3000	1995	3565	3955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM330	3300	2145	3865	4255	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM350	3500	2245	4065	4455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM370	3700	2395	4265	4655	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM400	4000	2595	4660	5055	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SM430	4300	2745	4900	5255	155	155	405	410	6	6	950	1400	1550	950	1400	1600	
	X1SM450	4500	2845	5100	5455	155	155	405	410	6	6	850	1350	1500	900	1350	1550	
Wide view full free duplex mast	X1SU250	2500	1810	3285	3675	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU270	2700	1910	3285	3675	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU300	3000	2010	3590	3980	1425	1065	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU330	3300	2160	3885	4275	1215	855	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU350	3500	2260	4085	4475	1315	955	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU370	3700	2360	4285	4675	1415	1055	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SU400	4000	2560	4585	4975	1515	1155	405	410	6	12	1000	1500	1750	1000	1500	1750	
	X1SN400	4000	1970	4680	4955	1300	1025	420	425	6	6	900	1400	1550	950	1400	1600	
	X1SN430	4300	2070	4980	5255	1400	1125	420	425	6	6	850	1350	1500	900	1350	1550	
	X1SN450	4500	2120	5130	5455	1500	1175	420	425	6	6	800	1300	1450	850	1300	1500	
Wide view full free triplex mast	X1SN470	4700	2170	5380	5755	1585	1225	420	425	6	6	750	1250	1400	800	1250	1450	
	X1SN500	5000	2270	5595	5995	1685	1325	420	425	6	6	700	1200	1350	800	1250	1450	
	X1SN550	5500	2470	6095	6545	1855	1525	420	425	3	6	650	950	1050	650	1150	1350	
	X1SN600	6000	2720	6730	7055	2100	1775	420	425	3	6	600	700	750	700	1050	1150	
	X1SN650	6500	2870	7180	7455	2200	1925	420	425	3	6	550	650	700	600	900	900	
	X1SN700	7000	2970	7595	7955	2385	2025	420	425	3	6	500	600	650	500	800	850	

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

2.0~2.5t XF series mast: (pneumatic)

Type	Model	Overall height						Free lift			Tilt range		Capacity					
		Max. fork height	Lowered		Extended		Without backrest	With backrest	Front Overhang	FwD	BwD	Load capacity at 500 mm						
			With backrest		Without backrest							Single tire			Dual tire			
			mm	mm	mm	mm						mm	mm	mm	mm	mm	mm	mm
Wide view mast	X2SM200	2000	1535	2660	3045	140	140	465	6	12	2000	2500	2000	2500				
	X2SM250	2500	1785	3160	3545	140	140	465	6	12	2000	2500	2000	2500				
	X2SM270	2700	1885	3360	3745	140	140	465	6	12	2000	2500	2000	2500				
	X2SM300	3000	2035	3660	4045	140	140	465	6	12	2000	2500	2000	2500				
	X2SM330	3300	2185	3960	4345	140	140	465	6	12	2000	2500	2000	2500				
	X2SM350	3500	2285	4160	4545	140	140	465	6	12	2000	2500	2000	2500				
	X2SM370	3700	2435	4360	4745	140	140	465	6	12	2000	2500	2000	2500				
	X2SM400	4000	2635	4660	5045	140	140	465	6	12	2000	2500	2000	2500				
	X2SM430	4300	2785	4960	5345	140	140	465	6	6	1850	2400	2000	2450				
	X2SM450	4500	2885	5160	5545	140	140	465	6	6	1850	2400	2000	2450				
Wide view full free duplex mast	X2SU200	2000	1560	2680	3045	880	510	465	6	12	2000	2500	2000	2500				
	X2SU250	2500	1810	3180	3545	1130	760	465	6	12	2000	2500	2000	2500				
	X2SU270	2700	1910	3380	3745	1230	860	465	6	12	2000	2500	2000	2500				
	X2SU300	3000	2010	3680	4045	1330	960	465	6	12	2000	2500	2000	2500				
	X2SU330	3300	2160	3980	4345	1480	1110	465	6	12	2000	2500	2000	2500				
	X2SU350	3500	2260	4180	4545	1580	1210	465	6	12	2000	2500	2000	2500				
	X2SU370	3700	2360	4380	4745	1680	1310	465	6	12	2000	2500	2000	2500				
	X2SN400	4000	2560	4680	5045	1880	1510	465	6	12	2000	2500	2000	2500				
	X2SN430	4300	2710	5000	5345	1400	1055	480	6	6	1950	2400	1950	2450				
	X2SN450	4500	2810	5200	5595	1470	1105	480	6	6	1850	2300	1850	2350				
Wide view full free triplex mast	X2SN470	4700	2910	5580	5945	1520	1155	480	6	6	1800	2250	1800	2300				
	X2SN500	5000	3060	5980	6345	1620	1255	480	6	6	1700	1900	1700	2100				
	X2SN550	5500	3310	6620	6985	1820	1455	480	3	6	1450	1600	1600	1900				
	X2SN600	6000	3560	7260	7625	2020	1655	480	3	6	1000	1000	1400	1450				
	X2SN650	6500	3810	7900	8285	2220	1855	480	3	6	900	900	1200	1450				
	X2SN700	7000	4060	8540	8905	2420	2055	480	3	6	800	800	1000	1150				

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

3.0~3.5t XF series mast: (pneumatic)

Type	Model	Overall height						Free lift			Tilt range		Capacity						
		Max. fork height	Lowered		Extended		Without backrest	With backrest	Front Overhang	FwD	BwD	Load capacity at 500 mm							
			With backrest		Without backrest							Single tire			Dual tire				
			mm	mm	mm	mm						mm	mm	mm	mm	mm	mm	mm	mm
Wide view mast	X30/3SM200	2000	1550	2735	2815	3145	3145	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM250	2500	1800	3235	3315	3645	3645	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM270	2700	1900	3435	3515	3845	3845	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM300	3000	2050	3735	3815	4145	4145	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM330	3300	2200	4035	4115	4445	4445	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM350	3500	2300	4235	4315	4645	4645	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM370	3700	2450	4535	4615	4945	4945	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM400	4000	2650	4835	4915	5245	5245	145	145	145	480	485	6	12	3000	3500	3000	3500	
	X30/3SM430	4300	2800	5135	5215	5545	5545	145	145	145	480	485	6	6	3000	3500	3000	3500	
	X30/3SM450	4500	2900	5335	5415	5745	5745	145	145	145	480	485	6	6	3000	3500	3000	3500	
Wide view full free duplex mast	X30/3SU200	2000	1620	3275	2830	3145	3145	865	890	475	575	480	480	6	12	3000	3500	3000	3500
	X30/3SU250	2500	1870	3775	3330	3645	3645	1115	1140	825	925	480	480	6	12	3000	3500	3000	3500
	X30/3SU270	2700	1970	3975	3530	3845	3845	1215	1240	825	925	480	480	6	12	3000	3500	3000	3500
	X30/3SU300	3000	2080	4275	3830	4145	4145	1325	1350	935	1035	480	480	6	12	3000	3500	3000	3500
	X30/3SU330	3300	2230	4575	4130	4445	4445	1425	1450	1045	1145	480	480	6	12	3000	3500	3000	3500

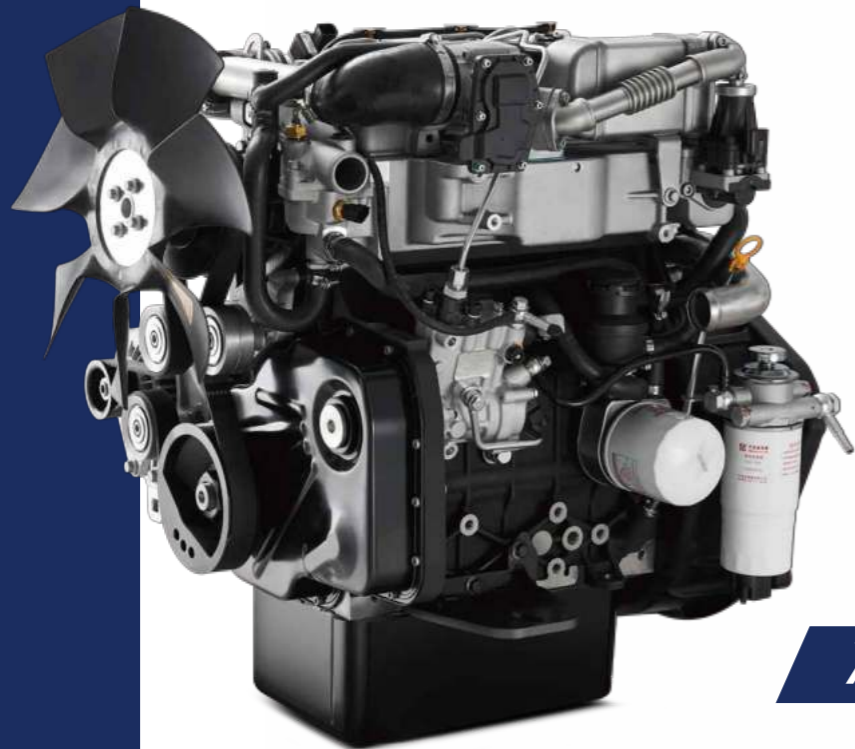
HANGCHA be with you at every stage

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.

**Powerful/
Efficient/
Reliable**



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.



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



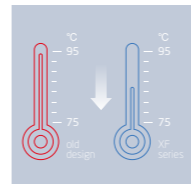
Productivity

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

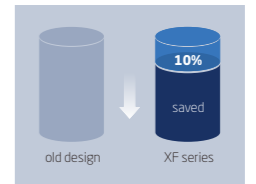
The new Dynamic load sensing hydraulic steering system contributes to reduce loss of hydraulic and improve energy efficiency.

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

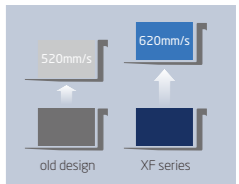
By optimizing transmission design, the power train provides higher efficiency. The fuel consumption is reduced by 10%.



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.



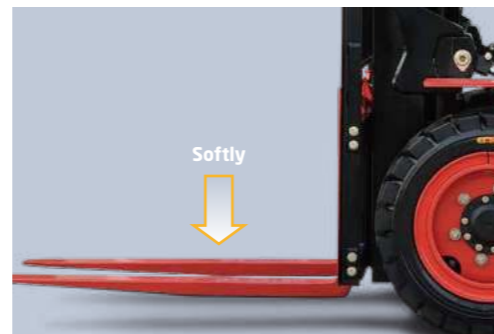
The enlarged capacity of optimized exhaust muffler, the intake muffler and the noise shield technologies provide significantly lower noise levels.

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
<ul style="list-style-type: none"> / Suspended transmission / Oil filter / Dipstick / Oil cooler / Non-asbestos brake / MS transmission with wet brake 	<ul style="list-style-type: none"> / Full hydraulic power steering / Smaller diameter steering wheel / Adjuster of steering wheel 	<ul style="list-style-type: none"> / Skidproof pedal / Rubber pedal / Engine hood spring 	<ul style="list-style-type: none"> / Power steering / Suspension pedal / Integrated combination switch / Cable parking brake 	<ul style="list-style-type: none"> / Dynamic load sending control valve (Diesel IC) / Hydraulic oil filter / Tilt cylinder self-locking valve / Hydraulic oil dipstick

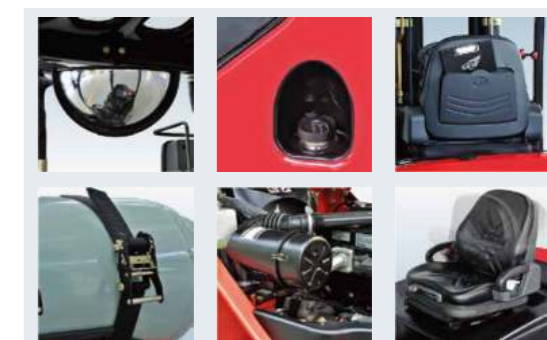
Truck	Power	Electronics	Mast
<ul style="list-style-type: none"> / Traction device / Handhilds / Standard seat / Standard overhead guard / Waterproof cover on the guard / Back view mirror / Pneumatic tyres / Toolbox 	<ul style="list-style-type: none"> / Big capacity aluminum radiator / Little tank / Whirlwind air cleaner / Safety filter / High-efficient intake muffler / High-efficient exhaust muffler 	<ul style="list-style-type: none"> / High-efficient front lights / High-efficient LED rear lights / Service-free start battery / Combination controller / LCD display / Neutral 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 	<ul style="list-style-type: none"> / 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
<ul style="list-style-type: none"> / Cabin / Cabin heater / Front window / Super elastic tyre / No-mark tyre (white/green) / Suspension seat / Extinguisher / Cover of tilt cylinder / Heightening overhead guard / Reversing assist grip / Special given color / Seat with sensing system / Boot for tilt cylinder / Counter weight net 	<ul style="list-style-type: none"> / 2-D wheel 	<ul style="list-style-type: none"> / Dual 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 / Swivel LPG bottle support / Downward LPG bottle support / Fan protector 	<ul style="list-style-type: none"> / Auxiliary hydraulic valve / Electro-hydraulic proportional control system / Return oil filter 	<ul style="list-style-type: none"> / OBD / Front working light / Rear working light / Warning lamp / Oil-water seperator warning 	<ul style="list-style-type: none"> / 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:

		HANGCHA GROUP CO.,LTD.																
Distinguishing mark	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.															
	1.2	Manufacturer's type designation	CPD10-XW32F/B	CPYD15-XH1F/B	CPD15-XH7F	CPD15-XW97F	CPYD18-XH1F/B	CPD18-XH7F	CPD18-XW97F	CPYD20-XH3F/B	CPD20-XH7F/B	CPYD25-XH3F/B	CPD25-XH7F/B	CPYD30-XH3F/B	CPD30-XH7F/B	CPYD35-XH3F/B	CPD35-XH7F/B	
Weight	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	
	1.5	Rated capacity/rated load	Q (kg)	1000	1500	1500	1500	1750	1750	1750	2000	2000	2500	2500	3000	3000	3500	
Tyres, chassis	1.6	Load centre distance	c (mm)	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	465	465	465	465	480	480	485	485	
Dimensions	1.9	Rear overhang	mm	375	405	405	405	430	430	430	415	415	490	490	550	550	615	
	2.1	Wheelbase	y (mm)	1475	1475	1475	1475	1475	1475	1650	1650	1650	1650	1700	1700	1700	1700	
Performance data	2.2	Service Weight	kg	2510	2650	2650	2650	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	4705/700	4705/700	5475/790	5475/790	6450/900	6450/900	7255/950	7255/950	
Combustion-engine	2.3	Axle loading, unladen front/rear	kg	1260/1250	1240/1410	1240/1410	1240/1410	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	
Addition data	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	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		
	3.6	Tread, front	b10 (mm)	900	900	900	900	900	900	965	965	965	965	1005	1005	1005		
Performance data	3.7	Tread, rear	b11 (mm)	920	920	920	920	920	920	973	973	973	973	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		
Performance data	4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995	2035	2035	2035	2035	2035	2035	2050	2050	2165		
	4.3	Free lift	h2 (mm)	155	155	155	155	155	155	140	140	140	140	145	145	145		
Performance data	4.4	Lift	h3 (mm)	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	4045	4045	4045	4045	4145	4145	4145		
Performance data	4.7	Height of overhead guard (cabin)	h6 (mm)	2125(2205*)	2125(2205*)	2125(2205*)	2125(2205*)	2125(2205*)	2135(2215*)	2135(2215*)	2135(2215*)	2135(2215*)	2135(2215*)	2150(2230*)	2150(2230*)	2150(2230*)		
	4.20	Length to face of forks	l2 (mm)	2255	2285	2285	2285	2310	2310	2530	2530	2605	2605	2730	2730	2800		
Performance data	4.21	Overall width	b1 (mm)	1080	1080	1080	1080	1080	1080	1155	1155	1155	1155	1225	1225	1225		
	4.22	Fork dimensions	s/e/l (mm)	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		
Performance data	4.31	Ground clearance, laden, below mast	m1 (mm)	115	115	115	115	115	115	115	115	115	115	130	130	130		
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	140	140	140	140	140	140	150	150	150	150	165	165	165		
Performance data	4.35	Turning radius	Wa (mm)	1965	1990	1990	1990	2015	2015	2180	2180	2245	2245	2355	2355	2415		
		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	
Performance data	5.1	Travel speed, laden/unladen	km/h	(-/19)(-/19.3)(-/19)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/20)	(-/19.8)	(-/19.8)	(-/18.5)	
	5.2	Lift speed, laden/unladen	m/s	0.580/-	0.530/-	0.580/-	0.580/-	0.530/-	0.580/-	0.600/-	0.560/-	0.600/-	0.560/-	0.600/-	0.480/-	0.480/-	0.440/-	
Performance data	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/-	
	5.5	Drawbar pull, laden/unladen	N	(14600/-)(14400/-)(14100/-)	(19000/-)	14500/-	16800/-	(19000/-)	14500/-	16800/-	(21000/-)	19500/-	(21000/-)	19500/-	(22000/-)	20500/-	20500/-	
Performance data	5.7	Gradeability, laden/unladen*	%	(40/-)(39/-)(38/-)	(37/-)	29/-	34/-	(37/-)	29/-	(30/-)	27/-	(30/-)	25/-	(25/-)	23/-	(25/-)	23/-	
	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	
Performance data	7.2	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		
	7.3	Engine power according to DIN ISO 1585	kw	32.8	38.4	34	38	38.4	34	43.4	44.8	43.4	44.8	43.4	44.8	43.4		
Performance data	7.4	Rated speed	min	2450	2700	2400	2400	2700	2400	2400	2700	2400	2400	2700	2400	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		
Performance data	7.10	Battery voltage/nominal capacity	V/Ah	12/60	12/60	12/90	12/90	12/60	12/90	12/60	12/90	12/60	12/90	12/60	12/90	12/60		
		Rated torque	N·m/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		
Performance data		Bore × stroke	mm	92*100	89*83	94*107	87*110	92*100	94*107	89*100	92*100	94*107	89*100	94*107	89*100	94*107		
		Transmissions Manufacturer		HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA	HANGCHA	HANGCHA/OKAMURA	HANGCHA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA	HANGCHA/OKAMURA		
Performance data		Transmissions Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift		
		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		
Addition data	10.1	Operating pressure for attachments	bar	145	145	145	145	145	145	175	145	175	145	175	145	175		
	10.4	Fuel tank capacity	liter	50	28	50	50	28	50	40	60	40	60	40	70	40		

Note: *With suspension seat or cabin
* As a calculated value

