

○ : Standard ● : Option		(Petrol) Petrol Forklift Trucks (LPG) LPG Forklift Trucks (DSL) Diesel Forklift Trucks		1.5~Compact2.0ton	2.0~2.5ton	3.0~3.5ton
		(Petrol) (LPG)	(Petrol) (LPG)	(Petrol) (LPG)	(Petrol) (LPG)	(Petrol) (LPG)
Operator's seat Operation device	Power train floating	○	○	○	○	○
	Full suspension seat with body weight adjustment	○	○	○	○	○
	Full surface rubber floor mat	○	○	○	○	○
	Rolling grip to assist boarding and getting-off	○	○	○	○	○
	Pen & cup holder	○	○	○	○	○
	Memo clip (on cover engine)	○	○	○	○	○
	Small diameter steering wheel	○	○	○	○	○
	Tilt column with continuous adjustment function	○	○	○	○	○
	Full floating pedal of hanging method	○	○	○	○	○
	Torque converter 2 pedal inching	○	○	○	○	○
	Torque converter 1 pedal inching	●	●	●	●	●
	Electric shift lever left hand	○	○	○	○	○
	Electric shift lever right hand	●	●	●	●	●
	Integrated winker & light lever (with alarm to protect from forgetting turning-off of light)	○	○	○	○	○
	Winker auto-return mechanism	○	○	○	○	○
Electrical instrumentation	Parking lever with release button (with alarm to protect from forgetting lever drawing)	○	○	○	○	○
	Neutral start system	○	○	○	○	○
	Halogen headlights	○	○	○	○	○
	Headlight guard	○	○	○	○	○
	Front turn signal lights	○	○	○	○	○
Instrumentation panel	Rear combination light	○	○	○	○	○
	LED headlight	●	●	●	●	●
	LED rear combination light	○	○	○	○	○
	Back-up beeper	○	○	○	○	○
	Full liquid crystal meter panel	○	○	○	○	○
	Water temperature thermometer (with overheat thermometer alarm)	○	○	○	○	○
	Fuel gauge (with fuel level warning light)	○	○	○	○	○
	Clock (with time signal & alarm function)	○	○	○	○	○
	Hour meter	○	○	○	○	○
	Warning icon for battery recharge	○	○	○	○	○
	Warning icon for engine oil pressure	○	○	○	○	○
	Glow indicator icon	-	○	-	○	-
	Sediment water level warning icon	-	○	-	○	-
	Torque converter oil temperature warning icon	○	○	○	○	○
	Seat belt warning icon	○	○	○	○	○
Equipment Peripheral device	Function indicating work data for 10 days	○	○	○	○	○
	Electronic controlled engine(Electronic controlled engine only)	●	-	●	-	-
	3-way catalyst	○	○	○	○	○
	ECO mode (Electronic controlled engine only)	●	-	●	-	-
	The device locking the travel as the operator leaves the vehicle (Traveling Interlock)	○	○	○	○	○
	The device to lock the loading move when the operator leaves the seat (Load handling Interlock)	○	○	○	○	○
	Air cleaner using single element cyclone	○	○	○	○	-
	LPG tank blanket using swing & down system (LPG)	●	-	●	-	-
	Power steering using hydraulic pressure (with knob location adjusting function)	○	○	○	○	○
	Overhead guard with both front and rear rain pipes	○	○	○	○	○
Resin roof cover (top cover)	●	●	●	●	●	
Large side mirrors (left and right)	○	○	○	○	○	
Rear axle rubber mount	○	○	○	○	○	
High-visibility wide mast	○	○	○	○	○	

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*The color of the photographs in this catalog may differ slightly from the actual color depending on the ink quality.



	1.5~Compact 2.0ton Petrol (LPG) (DSL) 03FGFLFT115-20PAXⅢ 03FD15-20PAXⅢ	2.0~2.5ton Petrol (LPG) (DSL) 11FGFLFT120-25PAXⅢ 11FD20-25PAXⅢ	3.0~3.5ton Petrol (LPG) (DSL) 13FGFLFT130-35PAXⅢ 13FD30-35PAXⅢ
Hinged fork (Bucket)	●		●
Side-shifter	●		
Rotating fork	●	●	
Paper rolled clamp	●	●	
Veiled clamp	●		
Fork clamp	●	●	
Rotating bale clamp	●	●	●
Rotating fork clamp	●	●	
Load stabilizer	●	●	
Hydraulic fork positioner	●	●	
Manual fork positioner	●	●	
Simplified hook	●	●	
Block clamp	●	●	
Ram lift	●	●	
Load push pull	●	●	
Pallet stopper	●	●	
Crane arm	●	●	
Shifting fork positioner	●	●	●

03FLG, 03FT, 15~20PAXIII (Petrol), (LPG)
03D15-20PAXIII (OSL)

Load capacity (kg)

Load center (mm)

Compact 2.0t

1.75t

1.5t

11FG, 11FT, 20~25PAXIII
13FD30, 13FD30-35PAXIII (Petrol), (LPG)
11D20-25PAXIII
13FD30-35PAXIII (OSL)

Load capacity (kg)

Load center (mm)

3.5t

3.0t

2.5t

2.0t

Brochure Design: GK Design Soken Hiroshima Inc. 2020.05

Engine powered Forklift trucks

03FG(FL,FT)15-18-20PAXIII	Petrol (LPG)	AT
11FG(FL,FT)20-25PAXIII	Petrol (LPG)	AT
13FG(FL,FT)30-35PAXIII	Petrol (LPG)	AT
03FD15-18PAXIII	Diesel	AT
11FD20-25PAXIII	Diesel	AT
13FD30-35PAXIII	Diesel	AT

QuaPro



Specifications

Diesel Engine Truck Specification															
Item / Symbol		Model		1.5 ton		1.8 ton		2.0 ton		2.5 ton		3.0 ton		3.5 ton	
		Diesel		03FD15PAXIII-AD	03FD18PAXIII-AD	03FD20PAXIII-AD	11FD20PAXIII-AD	11FD20PAXIII-BD	11FD25PAXIII-AD	11FD25PAXIII-BD	13FD30PAXIII-BD	13FD35PAXIII-BD			
Performance	Rated capacity / rated load	kg	1,500	1,750	2,000	2,000	2,000	2,500	2,500	3,000	3,500				
	Load centre distance	mm	500	500	500	500	500	500	500	500	500				
	Height	mm	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000				
	Free lift height	mm	145	145	150	155	155	155	155	160	165				
	Tilt of mast / fork	°	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10				
	Travel speed	(Laden)	km/h	17.0	17.0	17.0	17.5	17.5	17.5	18.0	17.5	17.5			
		(Unladen)	km/h	18.0	18.5	18.5	18.5	19.5	18.5	19.5	18.5	18.0			
	Lift speed	(Laden)	mm/s	640	630	625	620	675	610	675	560	475			
		(Unladen)	mm/s	700	700	700	670	690	670	690	570	490			
	Max. gradeability, laden	%	35.0	31.0	28.0	28.0	37.0	24.0	32.0	26.0	20.0				
Dimensions	Turning radius (Outside)	mm	1,960	1,995	2,030	2,180	2,180	2,240	2,240	2,360	2,415				
	90° intersecting aisle *	mm	1,915	1,955	1,970	2,070	2,070	2,100	2,100	2,200	2,240				
	Fork length	mm	920	920	920	920	920	1,070	1,070	1,070	1,070				
	Overall length with Forks	mm	3,200	3,240	3,275	3,470	3,470	3,685	3,685	3,835	3,905				
	Overall width	mm	1,070	1,135	1,135	1,160	1,160	1,160	1,160	1,235	1,235				
	Height of overhead guard (cabin)	mm	2,060	2,060	2,060	2,130	2,130	2,130	2,130	2,150	2,150				
	Height, mast extended	mm	4,105	4,105	4,105	4,120	4,120	4,120	4,120	4,125	4,125				
	Wheelbase	mm	1,410	1,410	1,410	1,625	1,625	1,625	1,625	1,700	1,700				
	Tread, front / rear	mm	915/905	950/930	950/930	970/970	970/970	970/970	970/970	1,010/975	1,010/975				
	Fork spread	(Max)	mm	890	890	910	1,010	1,010	1,010	1,010	1,060	1,065			
(Min)		mm	230	230	250	250	250	250	250	305	305				
Height, mast lowered	mm	1,995	1,995	1,995	1,995	1,995	1,995	1,995	2,060	2,140					
Ground clearance, laden, below mast	mm	110	110	110	120	120	120	120	140	140					
Service weight	kg	2,660	2,890	3,105	3,380	3,380	3,720	3,720	4,255	4,770					
Engine	Model type		4TNE92	4TNE92	4TNE92	4TNE92	4TNE92	4TNE92	4TNE98	4TNE98	4TNE98				
	Displacement	cm³	2,659	2,659	2,659	2,659	3,319	2,659	3,319	3,319	3,319				
	Rated output	kW/rpm	29/2,050	29/2,050	29/2,050	29/2,050	43/2,300	29/2,050	43/2,300	43/2,300	43/2,300				
	Max. torque	Nm/rpm	143/1,400	143/1,400	143/1,400	143/1,400	189/1,600	143/1,400	189/1,600	189/1,600	189/1,600				
	Fuel tank, capacity	ℓ	52	52	52	69	69	69	69	69	69				
Tyres	Tyre size, front (standard tread)		6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR				
	Tyre size, rear		5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR	6.0-9-10PR	6.0-9-10PR	6.0-9-10PR	6.50-10-10PR	6.50-10-10PR				
Dual Tyres	Overall width	mm	1,190	1,190	1,190	1,590	1,590	1,590	1,590	1,590	1,490				
	Tread, front (dual tread)	mm	1,000	1,000	1,000	1,405	1,405	1,405	1,405	1,405	1,330				
	Service weight (dual tread)	kg	2,690	2,890	3,105	3,510	3,510	3,850	3,850	4,340	4,885				
	Tyre size, front (dual tread)		21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	5.50-15-8PR	5.50-15-8PR	5.50-15-8PR	5.50-15-8PR	6.00-15-10PR	6.00-15-10PR				

* 90° intersecting aisle = with pallet L = 1100mm x W = 1100mm

Petrol / LPG / Dual Fuel Engine Truck Specification															
Item / Symbol		Model		1.5 ton		1.8 ton		2.0 ton		2.5 ton		3.0 ton		3.5 ton	
		Petrol		03FG15PAXIII-AG	03FG18PAXIII-AG	03FG20PAXIII-AG	11FG20PAXIII-AG	11FG20PAXIII-BG	11FG25PAXIII-AG	11FG25PAXIII-BG	13FG30PAXIII-AG	13FG35PAXIII-BG			
		LPG		03FL15PAXIII-AL	03FL18PAXIII-AL	03FL20PAXIII-AL	11FL20PAXIII-AL	11FL20PAXIII-BL	11FL25PAXIII-AL	11FL25PAXIII-BL	13FL30PAXIII-AL	13FL35PAXIII-BL			
		Dual Fuel		03FT15PAXIII-AT	03FT18PAXIII-AT	03FT20PAXIII-AT	11FT20PAXIII-AT	11FT20PAXIII-BT	11FT25PAXIII-AT	11FT25PAXIII-BT	13FT30PAXIII-AT	13FT35PAXIII-BT			
Performance	Rated capacity / rated load	kg	1,500	1,750	2,000	2,000	2,000	2,500	2,500	3,000	3,500				
	Load centre distance	mm	500	500	500	500	500	500	500	500	500				
	Height	mm	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000				
	Free lift height	mm	145	145	150	155	155	155	155	160	165				
	Tilt of mast / fork	°	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10				
	Travel speed	(Laden) (Unladen)	km/h km/h	18.0 19.5	18.0 19.5	18.0 19.5	18.0 19.0	18.0 19.0	18.0 19.0	19.0 20.5	15.5 16.0				
Lift speed	(Laden) (Unladen)	mm/s mm/s	600 655	595 655	585 655	525 580	635 695	515 580	625 695	575 575	435 485				
	Max. gradeability, laden	%	40/38	35/33	32/30	30/29	34/32	26/25	29/28	23/22	23/21				
Dimensions	Turning radius (Outside)	mm	1,960	1,995	2,030	2,180	2,240	2,240	2,360	2,415	2,415				
	90° intersecting aisle *	mm	1,915	1,955	1,970	2,070	2,070	2,100	2,100	2,200	2,240				
	Fork length	mm	920	920	920	920	920	1,070	1,070	1,070	1,070				
	Overall length with Forks	mm	3,200	3,240	3,275	3,470	3,470	3,685	3,685	3,835	3,905				
	Overall width	mm	1,070	1,135	1,135	1,160	1,160	1,160	1,160	1,235	1,235				
	Height of overhead guard (cabin)	mm	2,060	2,060	2,060	2,130	2,130	2,130	2,130	2,150	2,150				
	Height, mast extended	mm	4,105	4,105	4,105	4,120	4,120	4,120	4,120	4,125	4,125				
	Wheelbase	mm	1,410	1,410	1,410	1,625	1,625	1,625	1,625	1,700	1,700				
	Tread, front / rear	mm	915 / 905	950 / 930	950 / 930	970 / 970	970 / 970	970 / 970	970 / 970	1,010 / 975	1,010 / 975				
	Fork spread	(Max) (Min)	mm mm	890 230	890 230	910 250	1,010 250	1,010 250	1,010 250	1,010 250	1,060 305				
		Height, mast lowered	mm	1,995	1,995	1,995	1,995	1,995	1,995	1,995	2,060	2,140			
	Ground clearance, laden, below mast	mm	110	110	110	120	120	120	120	140	140				
	Service weight	kg	2,580	2,810	3,025	3,295	3,295	3,635	3,635	4,170	4,690				
	Engine	Model type		GK21	GK21	GK21	GK21	GK21	GK21	GK21	GK25	GK25			
Displacement		cm³	2,065	2,065	2,065	2,065	2,488	2,065	2,488	2,488	2,488				
Rated output		kW/rpm	31/2,250	31/2,250	31/2,250	31/2,250	34/2,100	31/2,250	34/2,100	34/2,100	34/2,100				
Max. torque		Nm/rpm	144/1,600	144/1,600	144/1,600	144/1,600	173/1,600	144/1,600	173/1,600	173/1,600	173/1,600				
Tyres	Fuel tank, capacity (N/A for LPG)	ℓ	52	52	52	69	69	69	69	69	69				
	Type size, front (standard tread)		6.0-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR				
	Type size, rear		5.0-8-8PR	18x7-8-10PR	18x7-8-10PR	6.0-9-10PR	6.0-9-10PR	6.0-9-10PR	6.0-9-10PR	6.50-10-10PR	6.50-10-10PR				
	Overall width	mm	1,190	1,190	1,190	1,590	1,590	1,590	1,590	1,590	1,490				
Dual Tyres	Tread, front (dual tread)	mm	1,000	1,000	1,000	1,405	1,405	1,405	1,405	1,405	1,330				
	Service weight (dual tread)	kg	2,610	2,810	3,025	3,425	3,425	3,765	3,765	4,255	4,720				
	Type size, front (dual tread)		21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	5.50-15-8PR	5.50-15-8PR	5.50-15-8PR	5.50-15-8PR	6.00-15-10PR	6.00-15-10PR				