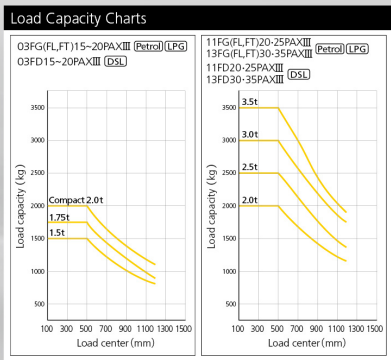
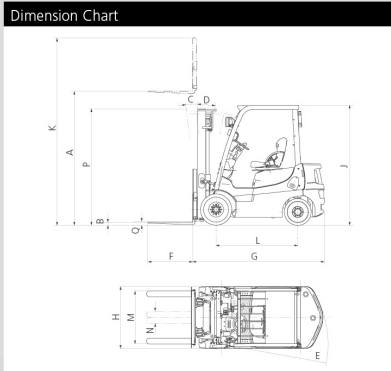


Main Accessories		1.5-Compact2.0ton		2.0~2.5ton		3.0~3.5ton				
○:Standard ●:Option		(Petrol) Petrol Forklift Trucks (LPG) LPG Forklift Trucks (DSL) Diesel Forklift Trucks		03FG(FL,FT)15-20PAXIII 03FD15-20PAXIII		11FG(FL,FT)20-25PAXIII 11FD20-25PAXIII		13FG(FL,FT)30-35PAXIII 13FD30-35PAXIII		
		(Petrol) (LPG)	(DSL)	(Petrol) (LPG)	(DSL)	(Petrol) (LPG)	(DSL)			
Operator's seat	Power train floating	○	○	○	○	○	○			
	Full suspension seat with body weight adjustment	○	○	○	○	○	○			
	Full surface rubber floor mat	○	○	○	○	○	○			
	Resin 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	○	○	○	○	○	○				
Parking lever with release button (with alarm to protect from forgetting lever drawing)	○	○	○	○	○	○				
Electrical instrumentation	Neutral start system	○	○	○	○	○	○			
	Halogen headlights	○	○	○	○	○	○			
	Headlight guard	○	○	○	○	○	○			
	Front turn signal lights	○	○	○	○	○	○			
	Rear combination light	○	○	○	○	○	○			
	LED headlight	●	●	●	●	●	●			
	LED rear combination light	●	●	●	●	●	●			
	Back-up beeper	○	○	○	○	○	○			
	Full liquid crystal meter panel	○	○	○	○	○	○			
	Water temperature thermometer (with overheat thermometer alarm)	○	○	○	○	○	○			
Instrumentation panel	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	○	○	○	○	○	○			
	Function indicating work data for 10 days	○	○	○	○	○	○			
Equipment	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	○	○	○	○	○	○			
	Peripheral device	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	○	○	○	○	○	○				

Attachment	1.5-Compact2.0ton		2.0~2.5ton		3.0~3.5ton	
	(Petrol) (LPG)	(DSL)	(Petrol) (LPG)	(DSL)	(Petrol) (LPG)	(DSL)
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	●	●	●	●	●	●

We have the lineup of abundant attachments other than those mentioned above. Please contact our sales staff for details.



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CODE
ICE-01a

*The actual features and specifications may differ from those described in the catalog.
 *The color of the photographs in this catalog may differ slightly from the actual color depending on the ink quality.



Brochure Design : GK Design Soken Hiroshima Inc. 2020.05

SUMITOMO

Engine powered Forklift trucks

1.5 TON 3.5 TON

QuaPro



The Next Generation Engine powered Forklift Trucks with High Productivity, Powerful and Toughness

Specifications

Diesel Engine Truck Specification											
Item/Symbol	Model										
	Diesel	1.5 ton	1.8 ton	2.0 ton		2.5 ton		3.0 ton	3.5 ton		
Performance	Rated capacity / rated load	kg	1,500	1,750	2,000	2,000	2,000	2,500	3,000	3,500	
	Load centre distance	mm	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	
	Free lift height	mm	145	145	150	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	
	Travel speed	(Laden)	km/h	17.0	17.0	17.0	17.5	18.5	17.5	17.5	17.5
		(Unladen)	km/h	18.0	18.5	18.5	18.5	19.5	18.5	18.5	18.0
	Lift speed	(Laden)	mm/s	640	630	625	620	675	610	675	560
(Unladen)		mm/s	700	700	700	670	690	670	690	570	
Max. gradeability, laden	%	35.0	31.0	28.0	28.0	37.0	24.0	32.0	26.0	20.0	
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	
Dimensions	Fork length	mm	920	920	920	920	920	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	1,060	1,065
		(Min)	mm	230	230	250	250	250	250	250	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	120	120	120	120	140	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
Displacement		cm ³	2,659	2,659	2,659	2,659	3,319	2,659	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	
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	
Fuel tank, capacity		ℓ	52	52	52	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	28x9-15-12PR	28x9-15	
	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	6.50-10-10PR	6.50-10	
Dual Tyres	Overall width	mm	1,190	1,190	1,190	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	1,330	
	Service weight (dual tread)	kg	2,690	2,890	3,105	3,510	3,510	3,850	3,850	4,485	
	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	6.00-15-10PR	6.00-15	

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

(Petrol) Petrol Forklift Trucks
(LPG) LPG Forklift Trucks (used exclusively/used together)
(DSL) Diesel Forklift Trucks

★ About icon
 It indicates to meet each fuel type as shown on the left.

Option	
Cargo handling	Long fork Fork extension High backrest Wide carriage
	The rear assist grip with the horn button Rearview mirror Extinguisher Front glass (with wiper)
	Additional work light Rotating light (LED) Volume-level changeable back buzzer Large capacity battery Password entry Simple load weight scale Speed meter (with speed alarm) Speed limiter Blue mark
Electrical instrumentation	Dual element type double air cleaner (Petrol) (LPG) Tandem type double air cleaner (DSL) Cyclone type pre-cleaner Vertical muffler Large capacity cooling Dust proof cooling
	Dual element type double air cleaner (Petrol) (LPG) Tandem type double air cleaner (DSL) Cyclone type pre-cleaner Vertical muffler Large capacity cooling Dust proof cooling
	Dual element type double air cleaner (Petrol) (LPG) Tandem type double air cleaner (DSL) Cyclone type pre-cleaner Vertical muffler Large capacity cooling Dust proof cooling
Equipment	Dual element type double air cleaner (Petrol) (LPG) Tandem type double air cleaner (DSL) Cyclone type pre-cleaner Vertical muffler Large capacity cooling Dust proof cooling
Tyres	Double tires (only for 2.0-3.5t model) Unique tires Color tires

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

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

Mast		1.5~Compact 2.0ton			2.0~2.5ton			3.0~3.5ton		
Max. lifting height* (mast designation)	Mast type	2.0~2.5ton			2.0~2.5ton			3.0~3.5ton		
		(Petrol)	(LPG)	(DSL)	(Petrol)	(LPG)	(DSL)	(Petrol)	(LPG)	(DSL)
3,000mm	Standard	●	●	●	●	●	●	●	●	●
3,300mm	Option	●	●	●	●	●	●	●	●	●
3,500mm	Option	●	●	●	●	●	●	●	●	●
3,700mm	Option	●	●	●	●	●	●	●	●	●
4,000mm	Option	●	●	●	●	●	●	●	●	●
4,300mm	Option	●	●	●	●	●	●	●	●	●
4,500mm	Option	●	●	●	●	●	●	●	●	●
4,700mm	Option	●	●	●	●	●	●	●	●	●
5,000mm	Option	●	●	●	●	●	●	●	●	●
5,300mm	Option	●	●	●	●	●	●	●	●	●
5,500mm	Option	●	●	●	●	●	●	●	●	●
5,700mm	Option	●	●	●	●	●	●	●	●	●
6,000mm	Option	●	●	●	●	●	●	●	●	●