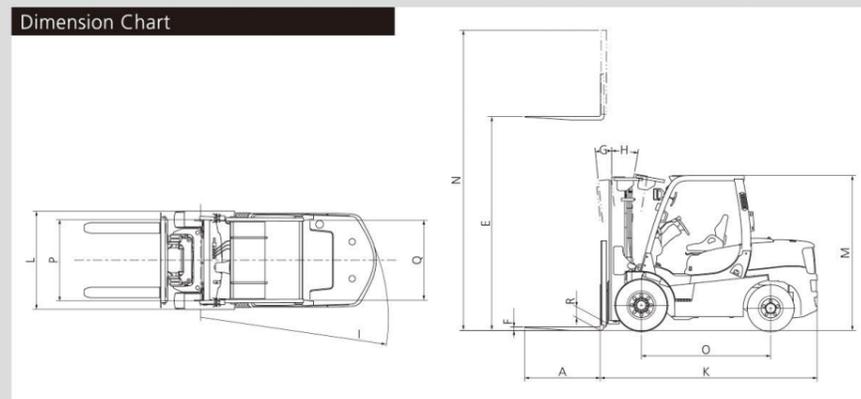
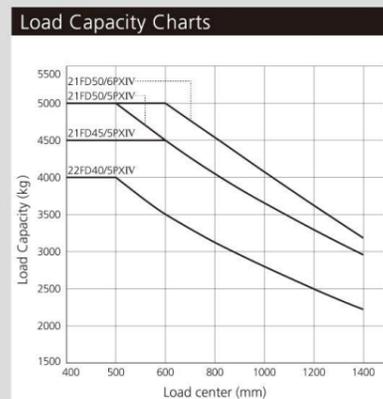


Diesel Engine Truck Specifications							
Specifications	Unit	Model Symbol	4.0 ton	4.5 ton	5.0 ton	5.0 ton	
			22FD40/5PXIV	21FD45/5PXIV	21FD50/5PXIV	21FD50/6PXIV	
Rated capacity / rated load	kg		4,000	4,500	5,000	5,000	
Load centre distance	mm		500	500	500	600	
Height	mm	E	3,000	3,180	3,180	3,180	
Free Lift Height	mm	F	150	160	160	160	
Tilt of mast	fork carriage forward / backward	°	G/H	5/10°	5/10°	5/10°	
Performance	Travel speed	loaden	km/h	17.5	22.0	22.0	21.5
	Travel speed	unloaden	km/h	18.5	24.0	24.0	24.0
	Lift speed	loaden	mm/s	525	415	415	415
	Lift speed	unloaden	mm/s	555	435	435	435
	Max. gradeability	loaden	%	25.0	25.0	19.6	19.1
	Turning radius (Outside)	mm	I	2,620	2,860	2,860	2,905
Dimensions	90° intersecting aisle	mm	2,275	2,380	2,380	2,395	
	Fork length	mm	A	1,070	1,220	1,220	1,220
	Overall length with Forks	mm	A+K	4,095	4,480	4,480	4,525
	Overall width	mm	L	1,390	1,450	1,450	1,450
	Height of overhead guard (cabin)	mm	M	2,195	2,240	2,240	2,240
	Height, mast extended	mm	N	4,250	4,430	4,430	4,430
	Wheelbase	mm	O	1,830	2,100	2,100	2,100
	Tread, front/rear	mm	P/Q	1,150/1,135	1,150/1,135	1,150/1,135	1,150/1,135
	Fork spread	MAX	mm	1,195	1,195	1,195	1,195
		min	mm	305	305	305	305
	Height, mast lowered	mm		2,170	2,360	2,360	2,360
	Ground clearance, laden, below mast	mm	R	140	160	160	160
	Service weight	kg		6,010	6,895	6,895	7,225
	Engine	Model Type		V3600	V3600	V3600	V3600
Displacement		cm ³	3,620	3,620	3,620	3,620	
Rated Output		kW/rpm	55/2,200	55/2,200	55/2,200	55/2,200	
Max. Torque		Nm/rpm	289/1,600	289/1,600	289/1,600	289/1,600	
Fuel tank, capacity		ℓ	78	99	99	99	
Tires	Tyre size, front (standard tread)		250-15-18PR	300-15-18PR	300-15-18PR	300-15-18PR	
	Tyre size, rear		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-14PR	
W TIRES	Overall Width	mm	1,785	1,865	1,865	1,865	
	Tread, front (wide tread)	mm	1,320	1,365	1,365	1,365	
	Service weight (wide tread)	kg	6,210	7,230	7,230	7,555	
	Tyre size, front (wide tread)		7.00-15-12PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	



Brochure Design: GK Design Soken Hiroshima Inc. 2025.05

QuaPro-G

Internal Combustion Trucks

4.0 TON 5.0 TON

22FD40/5PXIV Diesel 1 speed transmission
 21FD45/5·50/5·50/6PXIV Diesel 2 speed transmission



Diesel Engine



High Productivity Powerful & Smooth

As the new QuaPro model, QuaPro-G encapsulates SUMITOMO Forklift's culminated technical know-how, and represents the valuable connections and collaborative successes between SUMITOMO Forklift and our customers.

The time has come.
**Japanese make
SUMITOMO Forklift
Engine truck "QuaPro-G"
debut!!**

Made in Japan

Simple and Sturdy Mast

The simple and sturdy mast is one representation of SUMITOMO Forklift's identity. However, like previous QuaPro models, a variety of attachments are available at your convenience. In addition, to further improve your satisfaction, "SUMITOMO Forklift Special Design" will gladly take on any special customizations and requests.

SUMITOMO Forklift combines experience from supplying trucks to harsh working conditions all over the world with cutting edge technology. This results in a powerful machine excelling at heavy work, especially at jobsites such as ports, waste paper facilities, paper manufacturers, lumber companies, and construction companies.

1 SUMITOMO Forklift pursues high power, while being fully committed to environmental sustainability

The engine used is compliant toward EPA tier 3 standards. Additionally, a high efficiency radiator, which optimizes engine cooling, allows for high performance even when carrying heavy loads or working in harsh conditions.

Durability geared towards heavy work

The suspension systems of SUMITOMO Forklift have great reputation within the forklift industry. Based off of the same design philosophy, we designed the drive axle and rear axle.

The axles boast outstanding durability, and are safe even during continuous periods of heavy work.

2



Powerful & Smooth



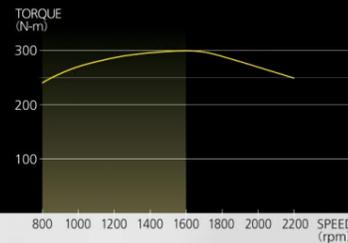
Rated Output
55kW/2,200rpm

Maximum Torque
289Nm/1,600rpm

Total Displacement
3,620cc

Delivers high torque from low RPM

It can start powerfully from stationary, handling a wide variety of pallets and products in jobsites everywhere from ports to logging companies.



V3600 Turbo Diesel Engine

Overwhelming power and strong suspension + comfortable and intuitive controls

Coupled with SUMITOMO Forklift's electronic transmission, QuaPro-G has the power, durability, and maneuverability to support heavy-duty work



Standard Features and Equipment		22FD40/5PXIV	21FD45/5-50/5-50/6PXIV
		○ : Standard Features	● : Option
		○ : Option	● : Option
Operator Module & Control Features	Isolated Powertrain	○	○
	Full Suspension Seat	○	○
	full open step	○	○
	Floor Mat covering Whole Floor	○	○
	Ingress/Egress Assist Handle	○	○
	Pen & Cup Holder	○	○
	Document Case (*1)	○	○
	Small DIA Steering Wheel	○	○
	Steer Column with Seamless Tilt Adjustment	○	○
	Hang-On Pedal Layouts	○	○
	2 pedals (Brake pedal & Inching pedal)	○	○
	Electrical Direction Control Lever on LH	○	○
Electrical Equipment	Turn Signal Lever	○	○
	Parkbrake Lever with Release Button & Warning Alarm	○	○
	Neutral Engine Start System	○	○
	Truck control management CPU(VSM)	○	○
	Halogen Head Light	○	○
	Incandescent Brake/Tail/Backup Light	○	○
	Reverse Audible Alarm w/ volume adjusting function	○	○
	LCD Instrument Panel	○	○
	Water Temp Meter with Overheat Warning	○	○
	Fuel Level Meter with Empty Warning	○	○
Instrument Panel	Clock	○	○
	Hour Meter	○	○
	Travel Speed Meter	○	○
	Battery Charge Warning Indicator	○	○
	Engine Oil Pressure Warning Indicator	○	○
	Glow Indicator	○	○
	Torque Converter Oil Temp Warning Indicator	○	○
	Shift position indicator	○	○
	Seatbelt Warning Indicator	○	○
	Error display function	○	○
Drivetrain	Travel Interlock	○	○
	Load Handling Interlock	○	○
	Air cleaner using single element cyclone	○	○
	Dust Proof oil tank	○	○
	Electrical Powershift transmission	○	○
	Automatic Shifting 2 Speed Transmission	-	○
	Fixed 1 Speed Mode	-	○
	Electrical Control Inching	○	○
	Load Sensing Hydraulic (Synchronous) Steering system	○	○
	Large Rear View Mirrors (RH/LH)	○	○
Rubber Mounted Steer Axle	○	○	
Wide Mast with High Visibility	○	○	
Bio Diesel Fuel	○	○	
High efficiency radiator	○	○	

(*1) : On Dash panel, (Option for On Engine Hood)

Mast		22FD40/5PXIV			21FD45/5-50/5-50/6PXIV		
		○ : Standard Features			○ : Standard Features		
		● : Option			● : Option		
	Mast type	2-Stage Limited Free Lift Mast	2-Stage Full Free Lift Mast	3-Stage Full Free Lift Mast	2-Stage Limited Free Lift Mast	2-Stage Full Free Lift Mast	3-Stage Full Free Lift Mast
	Height, mast extended	2,900mm				●	
3,000mm		○	●				
3,100mm					○		
3,200mm		●					
3,400mm					●		
3,500mm		●					
3,700mm		●					
4,000mm		●			●		
4,100mm				●			
4,200mm		●					
4,400mm							●
4,500mm		●		●	●		
4,700mm		●					
4,800mm							●
4,900mm				●	●		
5,000mm	●						
5,200mm						●	
5,300mm			●				
5,500mm						●	
5,600mm			●				
5,900mm						●	
6,000mm			●				

OPTs		22FD40/5PXIV	21FD45/5-50/5-50/6PXIV
		○ : Standard Features	○ : Standard Features
		● : Option	● : Option
Forks & ATT	Optional Fork Length	○	●
	Fork Extension	○	●
	Side shift	○	●
Tires	Dual Tread Front Tire	○	●
	Solid tires	○	●
Interior OPTs	Document Case On Engine Hood	○	●
	Password Entry	○	●
	Keyless engine start with push button (*2)	○	●
	Electrical Direction Control Lever on RH	○	●
Recommended OPTs for work environment compatibility	Tilt cylinder boots	○	●
	Steer cylinder boots	○	●
	Hydraulic Oil Cooling	○	●
	Dust proof cap	○	●
	Cyclone Pre Cleaner	○	●
	Dust Proof Cooling	○	●
	Steel Cabin	○	●
	Canvas Cabin	○	●
	Front Glass Screen with Wiper	○	●
	Rear Glass Screen with Wiper	○	●
Car Heater	○	●	
Recommended OPTs for Safety	Seat Heater	○	●
	Counter Weight Exhaust (Middle position)	○	●
	Plastic Top Screen	○	●
	Large Capacity battery	○	●
	Large Capacity Cooling	○	●
	LED Head Lights	○	●
	LED Brake/Tail/Backup Light	○	●
	LED Rear Work Light	○	●
	LED Rotating Light	○	●
	Room Mirror	○	●
LED room light	○	●	
Rear Drive Handle with Horn Button	○	●	
Pre-operation inspection	○	●	
Orange seat belts	○	●	
Load Weight Display	○	●	

(*2) : password entry OPT must be selected together

The drive axle, including the final gear and the differential is bolted to the frame. The sturdy mounting structure allows high strength to be maintained.



DriveAxle



RearAxle

Addition of rubber stopper in cast Iron integrated rear axle provides soft yet firm support for the undercarriage with high strength and durability. The rubber stopper gently suppresses vehicle body rocking, keeping the vehicle stable even as it turns.

Toughness