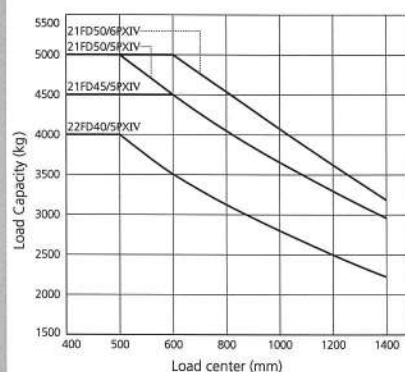


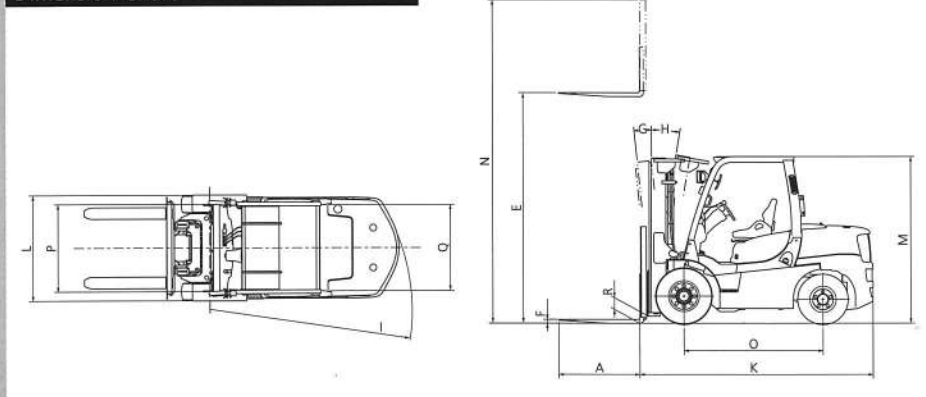
Diesel Engine Truck Specifications

Specifications	Unit	Model Symbol	4.0 ton	4.5 ton	5.0 ton	5.0 ton
			22FD40/5PXIV	21FD45/5PXIV	21FD50/5PXIV	21FD50/6PXIV
			Diesel 1 speed transmission	Diesel 2 speed transmission	Diesel 2 speed transmission	Diesel 2 speed transmission
Performance	Rated capacity / rated load	kg	4,000	4,500	5,000	5,000
	Load centre distance	mm	500	500	500	600
	Height	mm	3,000	3,180	3,180	3,180
	Free Lift Height	mm	150	160	160	160
	Tilt of mast	°	5/10*	5/10*	5/10*	5/10*
	Travel speed	km/h	17.5	22.0	22.0	21.5
	Travel speed	unladen	18.5	24.0	24.0	24.0
	Lift speed	loaden	525	415	415	415
	Lift speed	unladen	555	435	435	435
	Max. gradeability	%	25.0	25.0	19.6	19.1
Dimensions	Turning radius (Outside)	mm	2,620	2,860	2,860	2,905
	90° intersecting aisle	mm	2,275	2,380	2,380	2,395
	Fork length	mm	1,070	1,220	1,220	1,220
	Overall length with Forks	mm	4,095	4,480	4,480	4,525
	Overall width	mm	1,390	1,450	1,450	1,450
	Height of overhead guard (cabin)	mm	2,195	2,240	2,240	2,240
	Height, mast extended	mm	4,250	4,430	4,430	4,430
	Wheelbase	mm	1,830	2,100	2,100	2,100
	Tread, front/rear	mm	1,150/1,135	1,150/1,135	1,150/1,135	1,150/1,135
	Fork spread	mm	1,195	1,195	1,195	1,195
Engine	MAX	mm	305	305	305	305
	min	mm	2,170	2,360	2,360	2,360
	Height, mast lowered	mm	140	160	160	160
	Ground clearance, laden, below mast	mm	6,010	6,895	6,895	7,225
	Service weight	kg				
	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

Load Capacity Charts



Dimension Chart



SUMITOMO
NACCO FORKLIFT

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



The Next Generation Internal Combustion Truck with
High Productivity, Safety and Cost Efficiency.

Diesel Engine

Brochure Design: GK Design Soken Hiroshima Inc. 2025.05



SUMITOMO
NACCO FORKLIFT

SUMITOMO NACCO FORKLIFT SALES CO.,LTD.
13F, 11-8, Shiba-daimon 2-Chome, Minato-ku, Tokyo,
105-0012 JAPAN
Phone: 81-3-6721-5696 Fax: 81-3-6721-5672

Manufactured by
SUMITOMO NACCO FORKLIFT CO.,LTD.
2-75, Daitoh-cho, Obu-shi, Aichi-ken,
474-8555 JAPAN
Phone: 81-562-48-5251 Fax: 81-562-48-5396

We offer personalized after service and looking forward to see you.

*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.



SUMITOMO NACCO FORKLIFT CO., LTD., the
manufacturer of forklifts and logistic equipment,
is the company obtained the approval of ISO9001
and ISO14001 and ISO45001.



CODE
ICE-05A

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

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.

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.

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

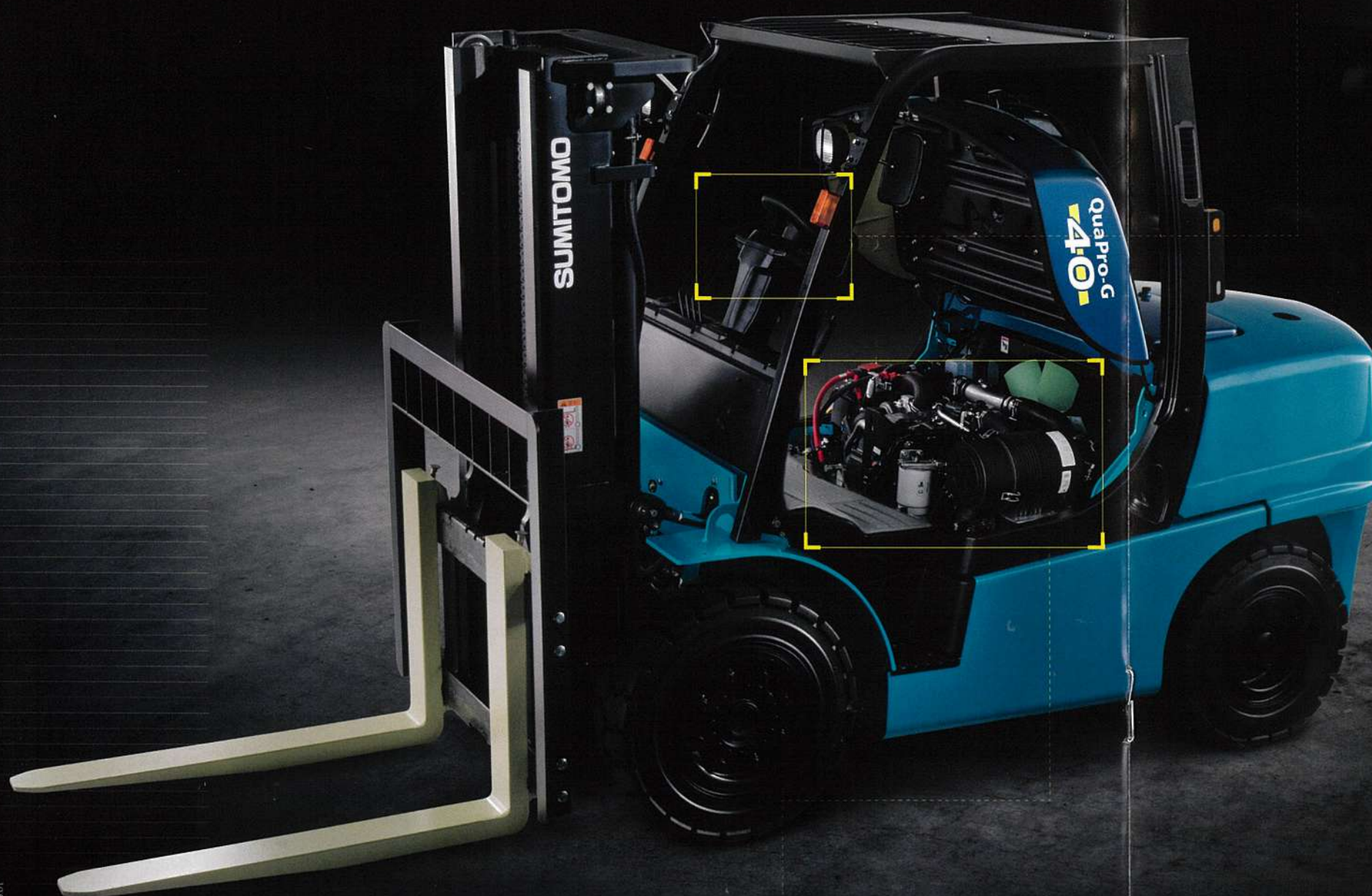


Controllability & Serviceability

High Maneuverability, Ease of Maintenance

- Cockpit that consolidates all controls
- Engine room that has a reputation for easy maintenance

Through these functions, QuaPro-G achieves extremely high maneuverability, while maintaining its ease of maintenance.



Integrated Engine Hood

This model adopts a resin-made, integrated rear hinged hood. This allows for high serviceability to the engine, reduced noise through sealing, and smooth embark/disembarkment.

LCD Display

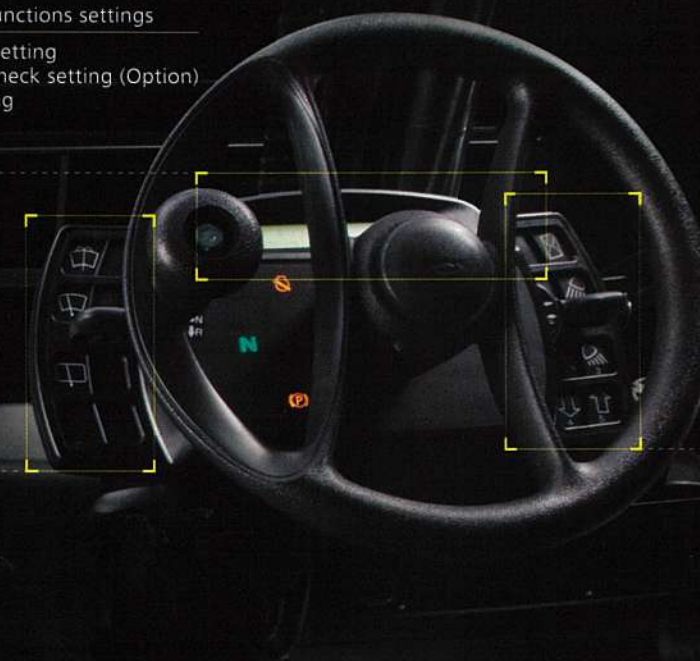
- Speedometer (always displayed)
- Engine water temperature gauge
- Fuel gauge
- Hour meter (always displayed)
- Clock (always displayed)
- Warning, Error codes



Specifications, Functions settings

- Date and time setting
- Pre-operation check setting (Option)
- Language setting

Interior Cockpit



Display Switch Buttons

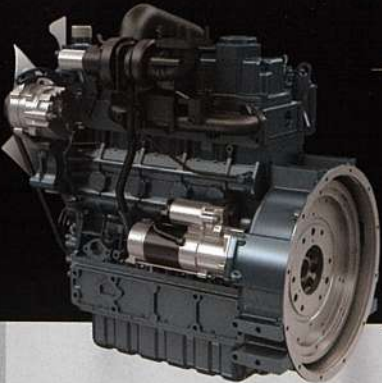
1. Keyless engine start/stop button (Option)
2. Power on/off button (Option)
3. 1 speed fixed mode button (2 speed vehicle standard)
4. Headlight button
5. Enter button
6. Rear light button (Option)
7. Left (or down) cursor button
8. Right (or up) cursor button
9. Washer button (Option)
10. Front wiper button (Option)
11. Rear wiper button (Option)
12. Rotary light button (Option)
13. Forward/Reverse shifter
14. Turn signal lever

Bio-Diesel Compatibility

The bio-diesel compatible engine is a standard feature, allowing more customers to safely, reliably, and easily operate our trucks.



Powerful & Smooth



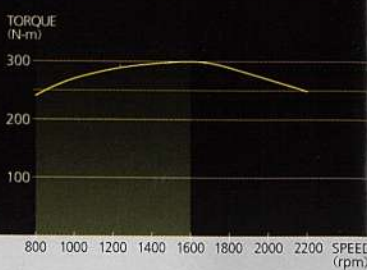
Rated Output
55kW/2,200rpm

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

800 1000 1200 1400 1600 1800 2000 2200 SPEED (rpm)

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



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.



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

Standard Features and Equipment			
O : Standard Features ● : Option		22FD40/5 PXIV	21FD45/5-50/5-50/6 PXIV
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	○	○
	Turn Signal Lever	○	○
	Parkbrake Lever with Release Button & Warning Alarm	○	○
	Neutral Engine Start System	○	○
Electrical Equipment	Truck control management CPU(VSM)	○	○
	Halogen Head Light	○	○
	Incandescent Brake/Tail/Backup Light	○	○
	Reverse Audible Alarm w/ volume adjusting function	○	○
	LCD Instrument Panel	○	○
Instrument Panel	Water Temp Meter with Overheat Warning	○	○
	Fuel Level Meter with Empty Warning	○	○
	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	○	○
Drivetrain	Seatbelt Warning Indicator	○	○
	Error display function	○	○
	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							
O : Standard Features ● : Option		22FD40/5PXIV			21FD45/5-50/5-50/6PXIV		
Height, mast extended	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
	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						●
	5,000mm	●		●	●		
	5,200mm						●
	5,300mm			●			
	5,500mm						●
	5,600mm			●			
	5,900mm						●
	6,000mm			●			

OPTs			
O : Standard Features ● : Option		22FD40/5 PXIV	21FD45/5-50/5-50/6 PXIV
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	●	●
	Seat Heater	●	●
Recommended OPTs for Safety	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