



CUSHION TIRE FORKLIFT

3,000-8,000 LB CAPACITY IC MODELS

DURABILITY AND STRENGTH YOU CAN RELY ON



BUILT FOR UPTIME

TO KEEP YOUR OPERATION RUNNING.



- Built-in features to protect the truck
- Limiting downtime with increased ease of serviceability
- More time between scheduled maintenance
- Real time communication from the truck itself

Protect your margins and your productivity with trucks designed to stay running.

A Truck That Keeps Its Cool: The effective cooling system of the truck is equipped with a 10-blade fan and aluminum radiator that utilizes cross flow cooling to make sure that fluids are kept at a temperature that are conducive to maintaining strong levels of performance and operation. Additionally, the engine compartment is constantly cooled while it works by way of its bottom bypass airflow design.



Minimizing the Downtime That Has to Happen: All forklifts require time to take care of the things that matter to maintain the health of the truck, but with 800 hour extended service intervals, these occurrences can be kept to a minimum. And whenever it comes to the regular tasks required every shift, the critical components are easily accessible for daily checks and there are a number of LP tank bracket options that can help to minimize the effort to switch out the tank for operators of all sizes when its time to refuel.



Awareness and Alerts: The truck is able to communicate in a number of ways, including audible and visual alerts to keep the operator informed. Service interval alerts can also be programmed into the truck so there is no question when scheduled maintenance needs to take place.

Parking Brake Transmission Interlock

This feature ensures that when the parking brake is activated, the transmission of the truck cannot engage in travel which can protect the brakes and transmission from potentially damaging activity.



Additional Options To Better Fit Your Needs

- Sideshifter and Fork Positioner options
- Swing Down LP Tank Bracket
- Radiator Screen
- Air Intake Pre-Cleaner
- Debris Packages
- Variety of Working and Combination Lights
- Smooth Shift
- Joystick Control
- Fingertip Control
- Smart Back-Up Alarm
- Seatbelt/Transmission and Mast Interlock-Variety of Accessories

Ask your local dealer about the available options for improved performance, productivity and operator comfort.

THE COMPLETE OPERATOR EXPERIENCE.

POWER + MANEUVERABILITY + AWARENESS + COMFORT = PRODUCTIVITY



- Smooth, powerful and efficient engines
- Maneuverability and control
- Emissions and regulations compliance

A smaller chassis developed to pack a bigger punch when it comes to productivity.

Proven Powered Performance:

The FGC15N-FGC40CN forklifts have proven high levels of output and torque when the application demands it, without sacrificing the optimization of the combustion process, by way of the electronic fuel injection system. The three electronic control modules are in constant communication with each other to precisely manage the process through CAN communication, mastering the delicate balance of fuel efficiency and force.



All About Fitting In

Maintaining capacity retention with a smaller chassis footprint allows these forklifts to maneuver in and out of the confined spaces that can exist in a number of warehousing applications, where other lift trucks cannot. Combining the small footprint with the hydrostatic power steering means that operators can confidently work to get product in and out of even the tightest of locations.

Operator Awareness

Whether it is awareness of the status of the truck through the diagnostic display or awareness of their surroundings by way of excellent visibility in all directions from the seat, operator's are free to effectively achieve their goals with enhanced confidence that they are using a forklift designed to get the job done.

Ergonomic Features

A low entry step and three points of contact allow entry and exit into the spacious operator compartment with little effort or stress. Once seated, the operator can adjust both the comfort vinyl seat and adjustable steering column to ensure that they are in the most comfortable position possible, regardless of the length of the shift.



| CHARACTERISTICS | | | | FGC15N | | FGC18N | | FGC20CN | | FGC20N | |
|-----------------|--|--------|------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|
| 1 | Capacity – at rated load center | lb | kg | 3,000 | 1,350 | 3,500 | 1,600 | 4,000 | 1,800 | 4,000 | 1,800 |
| 2 | Capacity – at load center-distance | in | mm | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 |
| 3 | Power – diesel, gasoline, LP gas, electric | | | LP - G/LP | | LP - G/LP | | LP - G/LP | | LP - G/LP | |
| 4 | Tire type – cushion or pneumatic | | | Cushion | | Cushion | | Cushion | | Cushion | |
| 5 | Wheels (x = driven) – number front / rear | | | 2x / 2 | | 2x / 2 | | 2x / 2 | | 2x / 2 | |
| DIMENSIONS | | | | | | | | | | | |
| 7 | Lift with standard two-stage mast – maximum fork height | in | mm | 130 | 3,300 | 130 | 3,300 | 130 | 3,300 | 130 | 3,300 |
| 8 | Lift with standard two-stage mast – free fork height | in | mm | 4 | 100 | 4 | 100 | 4 | 100 | 4.2 | 105 |
| 9 | Forks – thickness x width x length | in | mm | 1.5x4x42 | 40x100x1,070 | 1.5x4x42 | 40x100x1,070 | 1.5x4x42 | 40x100x1,070 | 1.5x4x42 | 40x100x1,070 |
| | Fork spacing – out-to-out minimum / maximum | in | mm | 7.8 / 32.4 | 200 / 823 | 7.8 / 32.4 | 200 / 823 | 7.8 / 32.4 | 200 / 823 | 7.8 / 36.0 | 200 / 920 |
| 10 | Tilt – forward / backward | deg | | 5° / 10° | | 5° / 10° | | 5° / 10° | | 5° / 10° | |
| 11 | Length to fork face | in | mm | 81.9 | 2,080 | 81.9 | 2,080 | 84.4 | 2,145 | 89 | 2,260 |
| 12 | Width – with standard tires | in | mm | 38.2 | 970 | 38.2 | 970 | 38.2 | 970 | 36.2 | 920 |
| 13 | Height – mast lowered | in | mm | 82.9 | 2,105 | 82.9 | 2,105 | 82.9 | 2,105 | 83.1 | 2,110 |
| 14 | Height – seat height | in | mm | 42.0 | 1,068 | 42.0 | 1,068 | 42.0 | 1,068 | 43.0 | 1,093 |
| 15 | Height – top of overhead guard | in | mm | 81.1 | 2,060 | 81.1 | 2,060 | 81.1 | 2,060 | 82.1 | 2,085 |
| 16 | Height – mast extended | in | mm | 179.3 | 4,555 | 179.3 | 4,555 | 179.3 | 4,555 | 179.3 | 4,555 |
| 17 | Minimum outside turning radius | in | mm | 68.3 | 1,735 | 68.3 | 1,735 | 70.9 | 1,800 | 76 | 1,930 |
| 18 | Load moment constant | in | mm | 15.4 | 390 | 15.4 | 390 | 15.4 | 390 | 16.1 | 410 |
| 19 | Minimum aisle - 90° stack - zero clearance w/out load ¹ | in | mm | 83.7 | 2,125 | 84.9 | 2,155 | 84.9 | 2,155 | 92.1 | 2,340 |
| PERFORMANCE | | | | | | | | | | | |
| 20 | Travel speed loaded / empty | mph | km/h | 10.9 | 17.5 | 10.9 | 17.5 | 10.9 | 17.5 | 10.6 | 17 |
| 21 | Lift speed loaded / empty | fpm | mm/s | 122/127.9 | 620/650 | 122/127.9 | 620/650 | 122/127.9 | 620/650 | 122/127.9 | 620/650 |
| 22 | Lowering speed loaded / empty | fpm | mm/s | 98.4 | 500 | 98.4 | 500 | 98.4 | 500 | 98.4 | 500 |
| 23 | Drawbar pull – loaded maximum | lb | N | 3,417 | 1,550 | 3,417 | 1,550 | 3,417 | 1,550 | 3,638 | 1,650 |
| 24 | Gradeability – maximum (1.2 mph) loaded / empty | % | | 38 / 20 | | 38 / 18 | | 38 / 16 | | 33 / 21 | |
| WEIGHT | | | | | | | | | | | |
| 25 | Empty – standard tires | lb | kg | 5,980 | 2,710 | 6,420 | 2,910 | 6,830 | 3,100 | 7,130 | 3,235 |
| 26 | Axle load – with load front / rear | lb | kg | 7,720/1,260 | 3,620/590 | 8,485/1,435 | 3,985/675 | 9,240/1,590 | 4,350/750 | 9,730/1,400 | 4,575/660 |
| | Axle load – without load front / rear | lb | kg | 2,200/3,780 | 995/1,715 | 2,045/4,375 | 925/1,985 | 1,880/4,950 | 855/2,245 | 2,815/4,315 | 1,275/1,960 |
| CHASSIS | | | | | | | | | | | |
| 27 | Tire size – front, standard | in | | 18x6x12.13 | | 18x6x12.13 | | 18x6x12.13 | | 21x7x15 | |
| 28 | Tire size – rear | in | | 14x5x10 | | 14x5x10 | | 14x5x10 | | 16.25x6x11.25 | |
| 29 | Wheelbase | in | mm | 46.9 | 1,190 | 46.9 | 1,190 | 46.9 | 1,190 | 55.1 | 1,400 |
| 30 | Tread width – front, standard tires | in | mm | 32.3 | 820 | 32.3 | 820 | 32.3 | 820 | 35 | 890 |
| 31 | Tread width – rear, standard tires | in | mm | 32.3 | 820 | 32.3 | 820 | 32.3 | 820 | 35 | 890 |
| 32 | Ground clearance – at lowest point of mast | in | mm | 3.0 | 75 | 3.0 | 75 | 3.0 | 75 | 3.1 | 80 |
| 33 | Ground clearance – at center of wheelbase | in | mm | 4.3 | 110 | 4.3 | 110 | 4.3 | 110 | 4.1 | 105 |
| 34 | Service brakes | type | | drum / foot | | drum / foot | | drum / foot | | drum / foot | |
| 35 | Parking brakes | type | | hand / mechanical | | hand / mechanical | | hand / mechanical | | hand / mechanical | |
| POWERTRAIN | | | | | | | | | | | |
| 36 | Engine model | | | EK21 | | EK21 | | EK21 | | EK21 | |
| 37 | Continuous output (S.A.E. gross) | HP | kW | 55 | 41 | 55 | 41 | 55 | 41 | 55 | 41 |
| | | at rpm | | 2,700 | | 2,700 | | 2,700 | | 2,700 | |
| 38 | Maximum torque (S.A.E. gross) | lb-ft | Nm | 111.4 | 151 | 111.4 | 151 | 111.4 | 151 | 111.4 | 151 |
| | | at rpm | | 2,000 | | 2,000 | | 2,000 | | 2,000 | |
| 39 | Cylinder / displacement | cu in | L | 126 | 2,065 | 125 | 2,065 | 125 | 2,065 | 126 | 2,065 |
| 40 | Transmission type | | | automatic | | automatic | | automatic | | automatic | |
| 41 | Number of speeds forward / reverse | | | 1 / 1 | | 1 / 1 | | 1 / 1 | | 1 / 1 | |
| 42 | Battery | volts | | 12 | | 12 | | 12 | | 12 | |
| HYDRAULICS | | | | | | | | | | | |
| 43 | Relief pressure – For attachments at auxiliary valve | psi | bar | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 |

SAFETY STANDARDS

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; Type LP, LPS (optional), Industrial Trucks. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks - type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

| FGC25N | | | FGC28N | | FGC30N | | FGC30EN | | FGC33N | | FGC35CN | | FGC40CN | |
|--------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|---------------|-------------------|---------------|
| 1 | 5,000 | 2,250 | 5,500 | 2,500 | 6,000 | 2,700 | 6,000 | 2,700 | 6,5000 | 2,900 | 7,000 | 3,150 | 8,000 | 3,650 |
| 2 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 |
| 3 | LP - G/LP | | LP - G/LP | | LP - G/LP | | LP - G/LP | | LP - G/LP | | LP - G/LP | | LP - G/LP | |
| 4 | Cushion | | Cushion | | Cushion | | Cushion | | Cushion | | Cushion | | Cushion | |
| 5 | 2x / 2 | | 2x / 2 | | 2x / 2 | | 2x / 2 | | 2x / 2 | | 2x / 2 | | 2x / 2 | |
| 7 | 130 | 3,300 | 130 | 3,300 | 130 | 3,300 | 130 | 3,300 | 122 | 3,100 | 171 | 4,350 | 171 | 4,350 |
| 8 | 4.2 | 105 | 6.7 | 175 | 7.1 | 180 | 7.1 | 180 | 7.1 | 180 | 10.6 | 269 | 10.6 | 269 |
| 9 | 1.5x4x42 | 40x100x1,070 | 1.5x4x42 | 40x100x1,070 | 2x5x42 | 50x125x1,070 | 2x5x42 | 50x125x1,070 | 2x5x42 | 50x125x1,070 | 2x5x42 | 50x125x1,070 | 2x5x42 | 50x125x1,070 |
| | 7.8 / 36.0 | 200 / 920 | 7.8 / 40.2 | 200 / 1,020 | 9.6 / 40.2 | 244 / 1,020 | 9.6 / 40.2 | 244 / 1,020 | 9.6 / 40.2 | 244 / 1,020 | 11.1 / 38.9 | 282 / 987 | 11.1 / 38.9 | 282 / 987 |
| 10 | 5° / 10° | | 5° / 10° | | 5° / 10° | | 5° / 10° | | 5° / 10° | | 5° / 10° | | 5° / 10° | |
| 11 | 91.3 | 2,320 | 93.9 | 2,385 | 95.3 | 2,420 | 96.5 | 2,450 | 96.3 | 2,445 | 98.2 | 2,495 | 100 | 2,540 |
| 12 | 42.1 | 1,069 | 43.1 | 1,095 | 43.1 | 1,095 | 43.9 | 1,115 | 43.9 | 1,115 | 45.9 | 1,165 | 45.9 | 1,165 |
| 13 | 83.1 | 2,110 | 82.7 | 2,100 | 82.7 | 2,100 | 83.1 | 2,110 | 82.7 | 2,100 | 83.1 | 2,110 | 83.1 | 2,110 |
| 14 | 43.0 | 1,093 | 43.0 | 1,093 | 43.2 | 1,093 | 43.2 | 1,098 | 43.2 | 1,098 | 44.4 | 1,130 | 44.4 | 1,130 |
| 15 | 82.1 | 2,085 | 82.1 | 2,085 | 82.1 | 2,085 | 82.3 | 2,090 | 82.1 | 2,085 | 82.3 | 2,090 | 82.3 | 2,090 |
| 16 | 179.3 | 4,555 | 179.3 | 4,555 | 179.3 | 4,555 | 175 | 4,445 | 178.5 | 4,535 | 178.7 | 4,540 | 178.7 | 4,540 |
| 17 | 78.3 | 1,990 | 82.1 | 2,085 | 82.1 | 2,085 | 82.3 | 2,090 | 82.1 | 2,085 | 82.5 | 2,095 | 83.9 | 2,130 |
| 18 | 16.1 | 410 | 17.3 | 440 | 17.1 | 435 | 17.7 | 450 | 17.9 | 455 | 17.9 | 455 | 17.9 | 455 |
| 19 | 94.4 | 2,4000 | 96.8 | 2,460 | 98.4 | 2,500 | 98.0 | 2,490 | 99.2 | 2,520 | 100.4 | 2,550 | 101.8 | 2,585 |
| 20 | 10.6 | 17 | 10.6 | 17 | 10.6 | 17 | 11.5/9.9 | 18.5/16 | 10.6 | 17 | 11.5 / 11.5 | 18.5 / 18.5 | 11.5/ 11.5 | 18.5 / 18.5 |
| 21 | 118.1/127.9 | 600/650 | 94.5/102.4 | 480/520 | 104.3/110.2 | 530/560 | 104.3/110.2 | 530/560 | 88.6/92.5 | 450/470 | 88.6 / 92.5 | 450 / 470 | 88.6 / 92.5 | 450 / 470 |
| 22 | 98.4 | 500 | 98.4 | 500 | 98.4 | 500 | 98.4 | 500 | 82.7/70.9 | 420/360 | 83 / 71 | 420 / 360 | 83 / 71 | 420 / 360 |
| 23 | 3,638 | 1,650 | 3,638 | 1,650 | 4,189 | 1,900 | 3,009 | 1,365 | 4,189 | 1,900 | 6,228 | 2,825 | 6,228 | 2,825 |
| 24 | 28 / 16 | | 27 / 16 | | 28 / 16 | | 44 / 18 | | 24 / 16 | | 38 / 18 | | 34 / 15 | |
| 25 | 7,940 | 3,600 | 8,860 | 4,015 | 9,350 | 4,240 | 9,610 | 4,360 | 9,825 | 4,455 | 10,460 | 4,740 | 11,150 | 5,055 |
| 26 | 11,375/1,565 | 5,360/740 | 12,355/2,005 | 5,820/945 | 13,360/1,990 | 6,300/940 | 13,715/1,895 | 6,465/1,895 | 14,225/2,100 | 6,715/990 | 15,365 / 7,250 | 2,095 / 990 | 16,910 / 7,320 | 2,960 / 1,335 |
| | 2590/5,350 | 1,175/2,425 | 2,705/6,155 | 1,225/2,790 | 2,790/6,560 | 1,265/2,975 | 3,450/6,160 | 1,565/2,795 | 2,755/7,070 | 1,250/3,205 | 3,365 / 1,525 | 7,095 / 3,215 | 3,150 / 1,425 | 8,000 / 3,630 |
| 27 | 21x7x15 | | 21x8x15 | | 21x8x15 | | 22x8x16 | | 21x8x15 | | 22 x 9 x 16 | | 22 x 9 x 16 | |
| 28 | 16.25x6x11.25 | | 16.25x6x11.25 | | 16.25x6x11.25 | | 18x6x12.12 | | 16.25x6x11.25 | | 18 x 6 x 12.12 | | 18 x 6 x 12.12 | |
| 29 | 55.1 | 1,400 | 55.1 | 1,400 | 55.1 | 1,400 | 59.1 | 1,500 | 55.1 | 1,400 | 59.1 | 1,500 | 59.1 | 1,500 |
| 30 | 35 | 890 | 35.8 | 910 | 35.8 | 910 | 35.8 | 910 | 35.8 | 910 | 37 | 940 | 37 | 940 |
| 31 | 35 | 890 | 35 | 890 | 35 | 890 | 36.6 | 930 | 35 | 890 | 36 | 930 | 36 | 930 |
| 32 | 3.1 | 80 | 2.8 | 70 | 2.8 | 70 | 3.1 | 80 | 2.8 | 70 | 3.1 | 80 | 3.1 | 80 |
| 33 | 4.1 | 105 | 3.5 | 90 | 3.5 | 90 | 3.7 | 95 | 3.5 | 90 | 5.7 | 145 | 5.7 | 145 |
| 34 | drum / foot | | drum / foot | | drum / foot | | drum / foot | | drum / foot | | drum / foot | | drum / foot | |
| 35 | hand / mechanical | | hand / mechanical | | hand / mechanical | | hand / mechanical | | hand / mechanical | | hand / mechanical | | hand / mechanical | |
| 36 | EK21 | | EK21 | | EK25 | | EK25 | | EK25 | | EK25 | | EK25 | |
| 37 | 55 | 41 | 55 | 41 | 62.9 | 46.9 | 62.9 | 46.9 | 62.9 | 46.9 | 62.9 | 46.9 | 62.9 | 46.9 |
| | 2,700 | | 2,700 | | 2,700 | | 2,700 | | 2,700 | | 2,700 | | 2,700 | |
| 38 | 111.4 | 151 | 111.4 | 151 | 138.7 | 188 | 138.7 | 188 | 138.7 | 188 | 138.7 | 188 | 138.7 | 188 |
| | 2,000 | | 2,000 | | 1,600 | | 1,600 | | 1,600 | | 1,600 | | 1,600 | |
| 39 | 126 | 2,065 | 126 | 2,065 | 151.8 | 2,488 | 151.8 | 2,488 | 151.8 | 2,488 | 151.8 | 2,488 | 151.8 | 2,488 |
| 40 | automatic | | automatic | | automatic | | automatic | | automatic | | automatic | | automatic | |
| 41 | 1 / 1 | | 1 / 1 | | 2 / 1 | | 2 / 1 | | 2 / 1 | | 2 / 1 | | 2 / 1 | |
| 42 | 12 | | 12 | | 12 | | 12 | | 12 | | 12 | | 12 | |
| 43 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 | 1,840 | 127 |

DISCLAIMER

The information in these materials is being provided for marketing and informational purposes only. Actual specifications, functions, and performance may vary from those set forth in these materials and are available upon request. Operators should always consult the applicable Logisnext Operator's Manual and/or Service Manuals prior to use. Nothing in these materials is intended to constitute a representation, warranty or guarantee for any equipment sold and Logisnext hereby disclaims the same.

FGC15N-FGC40CN

3,000-8,000 LB CAPACITY CUSHION TIRE FORKLIFT

Delivering Exceptional Value

More Than 296,000 Parts To Keep You Running

Mitsubishi Forklift Trucks offers several parts programs, all designed to bring you top performance and convenience for your material handling needs. Contact your local dealer to put our services to work for you.

Support To Fit Your Operation

Find out why more companies are relying on Mitsubishi forklift truck dealers to keep their fleet operating at top performance. Our efficiency provides customers with a better return on investment, and qualified service technicians, diverse parts inventory and unparalleled selection of service options can help reduce your total cost of ownership.

Extensive Dealer Network

The Mitsubishi forklift truck dealer network is dedicated to finding the right forklift solution for your business. With more than 300 dealer locations, you can rely on your local dealer to provide the service you need when you need it most.



Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network located throughout North and South America. Don't forget to ask your local Mitsubishi forklift truck dealer about details on factory retail programs, financing plans and additional options and dealer services like planned maintenance and operator training.

