





### PNEUMATIC TIRE FORKLIFT

3,000-7,000 LB CAPACITY LP GAS, GASOLINE AND DIESEL MODELS YOUR GO-TO PNEUMATIC TIRE FORKLIFT TRUCK



## COMFORT COMES STANDARD.

STEP INTO THE OPERATOR COMPARTMENT OF AN FG15N-FG35N / FD20N-FD35N



- Designed for operator comfort
- Adjustable seating for flexibility
- Enhanced visibility
- Memory tilt steering

All come together to create a working environment that reduces fatigue through even the longest shifts.

Every operator is different, so the key to creating a comfortable shift is a flexible design.

With three-point access, operators of any size can easily enter the operator compartment of these Mitsubishi forklift trucks. The large floor space provides maximum operator comfort, especially during long shifts, while the "through the floor" pedal design further reduces operator fatigue and discomfort throughout the day.

**Operator Comfort:** Optional fingertip control armrest provides operators with low-effort levers and length / height adjustment, all while increasing precision and control.







From the standard lighting package, which includes two forward LED work lights, to the absence of crossbars in the overhead guard and the speciallydesigned mast, the design of the forklift allows for improved visibility in all directions during operation.





**Adjustable Steering:** The forklift's steering column is equipped with standard memory tilt steering. Allowing for infinite adjustment in a 12 degree range, the steering column's "memory" feature retains the operator's preferred settings for added convenience and comfort during operation.



The FG15N series delivers superior lift and travel speeds, powerful acceleration and the ability to move 7,800 more loads per year than the competition\*. Gain up to 8% more productivity with Mitsubishi forklift trucks.

## PERFORMANCE AND SERVICE.

QUALITY COMPONENTS AND EASY MAINTENANCE MEAN INCREASED UPTIME



- Smooth powerful engines
- Enhanced engine protection
- Reliable components
- Easy service access
- Flexible options

These forklifts are built to perform from the ground up.

### LPG / Gas Engine -Efficient From The Inside Out

Equipped with an efficient GK21 / GK25 engine, these forklifts offer the power you need. A drive-by-wire throttle control allows for enhanced efficiency, reduced emissions and responsive acceleration, while the exhaust system provides a three-way catalyst that lowers the amount of emissions released into the environment.

### **Diesel Engine - Now Tier 4 Final Compliant**

The new 4EG 3.3L diesel engine is built with cuttingedge emissions technologies to meet the Environmental Protection Agency's (EPA) Tier 4 final requirements, while still maintaining the high levels of productivity that your business demands. These include:

- Utilizing a high pressure common rail fuel injection system – to ensure the diesel burns cleanly with optimum power output.
- Employing an exhaust gas recirculation system –
  this sends exhaust gas back through the system after
  cooling to limit harmful emissions, while a diesel oxidation
  catalyst oxidizes harmful particulate matter.

**Cool And Quiet:** The forklift's fan and radiator system is equipped with a horizontal cross flow cooling system to help keep the engine cool and functioning at peak performance. The corrugated design provides optimal heat exchange, while the aluminum core helps to prevent corrosion. The direct drive fan also reduces noise and necessary maintenance, benefiting your operators and your business.



**Engine Protection:** Regulated by the Vehicle Control Module, the Engine Protection System keeps the truck running at desirable levels while helping to prevent damage to the forklift, saving you money. If any of the vital fluids become critically low, RPM levels are automatically lowered and the operator is immediately notified by a light on the dash display.

**Easy Service Access:** Tool-free access to the engine compartment makes routine maintenance, such as cleaning radiator fins, much easier. Additionally, the Vehicle Control Module is conveniently located under the dashboard cup holder, making it readily accessible.





Additional options are available to customize the forklift for your application:

- Bottler's Tilt
- Square Fin Radiator
- Warning Lights
- Air Intake Precleaner
- Underbelly Screen
- Fuel Saver Mode
- Foundry/Brick Protection
- Cotton Fiber Protection

	CHARACTERISTICS		FG15N		FG18N		FG20CN		FG20N	
1	Capacity at rated load center	<b>lb</b> kg	3,000	1,500	3,500	1,750	4,000	2,000	4,000	2,000
2	Capacity at load center – distance	in mm	24	500	24	500	24	500	24	500
3	Power		gasolin	ne/LPG	gasolin	ie/LPG	gasolin	ie/LPG	gasolin	ne/LPG
4	Tire type		pneur	matic	pneur	natic	pneur	natic	pneur	
5	Wheels (x = driven)		2x / 2		2x /	/ 2	2x /	/ 2	2x .	/ 2
	DIMENSIONS									
6	Maximum fork height – with standard two-stage mast	in mm	131	3,325	131	3,325	131	3,325	131.5	3,340
7	Free fork height – with standard two-stage mast	in mm	4.5	115	4.5	115	4.7	120	5.5	140
8	Fork dimensions – length x width x thickness	in mm		35x 1,070x 100				40x 1,070x 100		40x 1,070x 100
9	Fork spacing, out-to-out minimum / maximum	in mm	7.9 / 36.2	200 / 920	7.9 / 36.2	200 / 920	7.9 / 36.2	200 / 920	8.7 / 39.4	220 / 1,000
	Tilt, forward / backward	deg	6° /		6° / 10°		6° /		6° /	
11	Length to fork face	in mm	89.0	2,260	90.4	2,295	92.5	2,350	98.0	2,490
	Overall width with standard tires	in mm	41.9	1,065	41.9	1,065	41.9	1,065	45.3	1,150
	Overall width with optional duals	in mm		-,,					64.6	1,640
	Height with lowered mast	in mm	84.5	2,140	84.5	2,140	84.5	2,140	84.5	2,145
	Seat height	in mm	44.4	1,127	44.4	1,127	44.4	1,127	44.8	1,137
	Height to top of overhead guard	in mm	82.7	2,100	82.7	2,100	82.7	2,100	82.9	2,105
	Height with extended mast	in mm	179	4,549	179	4,549	179	4,549	180	4,564
	Minimum outside turning radius	in mm	76.8	1,950	78.0	1,980	79.5	2,020	86.6	2,200
	Load moment constant	in mm	15.7	400	15.7	400	16.3	2,020 415	17.9	2,200 455
			92.5	2,350	93.7		16.3 95.9	2,435	17.9	2,655
		in mm	92.0	2,300	93.1	2,380	უა.ა	∠,4აυ	100	2,000
	PERFORMANCE Travel speed, loaded / empty	- lm/h	10.0 / 11.0	17.5 / 19.0	10.0 / 11.9	175/100	14.0 / 11.5	100/105	10.0 / 11.5	170/195
		mph km/h	10.9 / 11.8		10.9 / 11.8	17.5 / 19.0	11.2 / 11.5	18.0 / 18.5	10.6 / 11.5	17.0 / 18.5
	1 /	fpm mm/s	122 / 124	0.62 / 0.63	122 / 124	0.62 / 0.63	122 / 124	0.62 / 0.63	112 / 116	0.57 / 0.59
		fpm m/s	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50
	Drawbar pull loaded (60-minute rating)	lb N	3,910	17,400	3,910	17,400	3,870	17,200	3,840	17,100
	Drawbar pull loaded maximum (5-minute rating)	lb ∧	4,560	20,300	4,560	20,300	4,500	20,000	4,500	20,000
00.1	Cradophility loaded at 1 mph (1 6 km)	%	39	10	39.0		38	0	35	0.0
	Gradeability loaded at 1 mph (1.6 km)									
27	Gradeability maximum, loaded / empty	%	63		55.		46		41	
27	Gradeability maximum, loaded / empty WEIGHT	%	63	3.0	55.	5.0	46	5.0	41	1.0
27	Gradeability maximum, loaded / empty WEIGHT Empty	%	5,650	2,560	6,070	i. <b>0</b> 2,750	6,750	3,040	7,370	3,340
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.)	%	5,650 7,710 / 940	2,560 3,620 / 440	6,070 8,460 / 1,110	2,750 3,980 / 520	6,750 9,370 / 1,380	3,040 4,390 / 650	7,370 9,950 / 1,420	3,340 4,660 / 685
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.)	%	5,650	2,560	6,070	i. <b>0</b> 2,750	6,750	3,040	7,370	3,340
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.)	%	5,650 7,710 / 940	2,560 3,620 / 440	6,070 8,460 / 1,110	2,750 3,980 / 520	6,750 9,370 / 1,380	3,040 4,390 / 650	7,370 9,950 / 1,420	3,340 4,660 / 685
28 29 30	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.)	%	5,650 7,710 / 940	2,560 3,620 / 440 1,130 / 1,430	6,070 8,460 / 1,110	2,750 3,980 / 520 1,080 / 1,670	6,750 9,370 / 1,380	3,040 4,390 / 650 1,080 / 1,960	7,370 9,950 / 1,420	3,340 4,660 / 685 1,470 / 1,870
28 29 30	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS	%           lb         kg           lb         kg           lb         kg	5,650 7,710 / 940 2,490 / 3,160	2,560 3,620 / 440 1,130 / 1,430	6,070 8,460 / 1,110 2,370 / 3,700	2,750 3,980 / 520 1,080 / 1,670	6,750 9,370 / 1,380 2,390 / 4,360	3,040 4,390 / 650 1,080 / 1,960	7,370 9,950 / 1,420 3,240 / 4,130	3,340 4,660/685 1,470/1,870 2 - 12PR
28 29 30	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard)	%	5,650 7,710 / 940 2,490 / 3,160	2,560 3,620/440 1,130/1,430 D - 10PR	6,070 8,460 / 1,110 2,370 / 3,700	2,750 3,980 / 520 1,080 / 1,670	6,750 9,370 / 1,380 2,390 / 4,360	3,040 4,390 / 650 1,080 / 1,960	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR
28 29 30 31 32	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals)	%   kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620/440 1,130/1,430 D - 10PR	55. 6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10	2,750 3,980 / 520 1,080 / 1,670	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 /	3,040 4,390 / 650 1,080 / 1,960	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR
27 28 29 30 31 32 33	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear	%   kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620/440 1,130/1,430 0 - 10PR	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8	2,750 3,980/520 1,080/1,670 0 - 10PR	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 /	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR
27 28 29 30 31 32 33 34	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase	%   kg       kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 - 5.0 x 8 55.1	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8	2,750 3,980/520 1,080/1,670 0 - 10PR - - 10PR	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / - 5.0 x 8 / 3	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600
28 29 30 31 32 33 34 35	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)	%   kg   lb   kg   lb   kg   lin   in   in   in   in   in   in   i	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 - 5.0 x 8 55.1	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8	2,750 3,980/520 1,080/1,670 0 - 10PR - - 10PR	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / - 5.0 x 8 / 3 55.1 35.0	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960
28 29 30 31 32 33 34 35 36	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)	%   kg   lb   kg   lb   kg   lb   kg   lb   kg   lb   lb   lb   lb   lb   lb   lb   l	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 - 5.0 x 8 55.1 35.0	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR 1,400 890	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8 55.1 35.0	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR - - 10PR 1,400 890	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / - 5.0 x 8 / 3 55.1 35.0	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205
28 29 30 31 32 33 34 35 36 37	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast	W	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0	2,560 3,620/440 1,130/1,430 0 - 10PR - - 10PR 1,400 890 - 900 110	55.0 x 8 55.1 35.0 - 35.4 4.3	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 - 900 1110	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 1110	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117
28 29 30 31 32 33 34 35 36 37 38 39	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR 1,400 890 - - 900 110 152	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 900 110 152	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167
27 28 29 30 31 32 33 34 35 36 37 38 39 40	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR 1,400 890 - 900 110 152 ed, hydraulic	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 900 110 152 ed, hydraulic	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR 1,400 890 - 900 110 152 ed, hydraulic	6,070 8,460 / 1,110 2,370 / 3,700 6.5 x 10 - 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 900 110 152 ed, hydraulic	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR 10PR 1,400 890 - 900 1110 152 ed, hydraulic	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 - 900 110 152 ed, hydraulic	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152 ed, hydraulic	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL Engine model	W	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR 10PR 1,400 890 - 900 1110 152 ed, hydraulic echanical	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 - 110 152 ed, hydraulic echanical	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid -3.0 Solid 1,400 890 	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL Engine model	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical	55.0 x 8 · 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 - 110 152 ed, hydraulic echanical 21E	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152 ed, hydraulic echanical	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross	W	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6	55.0 x 8 · 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 - 110 152 ed, hydraulic echanical 21E 39.6	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid -3.0 Solid 1,400 890 -110 152 ed, hydraulic echanical 21E 39.6	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 5.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700	55.0 x 8 ·	2,750 3,980/520 1,080/1,670 0-10PR 10PR 1,400 890 	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross	Ib kg Ib kg Ib kg Iin in in in mm in mm in mm in mm it mm type type  HP kW at rpm Ib-ft Nm at rpm	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10  5.0 x 8  55.1 35.0  - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR 10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 39.6 700 149	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980 / 520 1,080 / 1,670 2-10PR 	6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me GK2 53.0 2,7 110	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	W   Kg   Kg   Kg   Kg   Kg   Kg   Kg	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10  5.0 x 8  55.1 35.0  35.4 4.3 6.0 foot-operate hand, me  GK2 53.0  2,7 110 2,0 4 / 126	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700 149 000 4 / 2.1	55.0 x 8 · 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980/520 1,080/1,670 0-10PR 	46 6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700 149	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	Ib kg Ib kg Ib kg Iin in in in mm in mm in mm in mm it mm type type  HP kW at rpm Ib-ft Nm at rpm	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700 149 000 4/2.1 ershift	55.0 x 8 55.1 35.0 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980/520 1,080/1,670 2-10PR 10PR 1,400 890 	46 6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 power	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 powe	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	Ib kg Ib kg Ib kg Iin in in in mm in mm in mm in mm it mm type type  HP kW at rpm Ib-ft Nm at rpm	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700 149 000 4/2.1 ershift	55.0 x 8 55.1 35.0 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,70 110 2,00 4 / 126 power	2,750 3,980/520 1,080/1,670 2-10PR 10PR 1,400 890 	46 6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 power	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	41 7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 powe	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149 1000 4 / 2.1 ershift
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	Ib kg Ib kg Ib kg Iin in in in mm in mm in mm in mm it mm type type  HP kW at rpm Ib-ft Nm at rpm	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 39.6 700 149 000 4/2.1 ershift	55.0 x 8 55.1 35.0 35.4 4.3 6.0 foot-operate hand, me	2,750 3,980/520 1,080/1,670 2-10PR 10PR 1,400 890 	46 6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 power	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	7,370 9,950 / 1,420 3,240 / 4,130  7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 powe	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149 1000 4 / 2.1 ershift
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49 50	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross  Cylinders / displacement  Transmission type  Number of speeds, forward / reverse  Battery	Ib kg Ib kg Ib kg Iin in in in mm in mm in mm in mm it mm type type  HP kW at rpm Ib-ft Nm at rpm	5,650 7,710 / 940 2,490 / 3,160  6.5 x 10	2,560 3,620 / 440 1,130 / 1,430  0 - 10PR 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical  21E 39.6 700 149 000 4 / 2.1 ershift / 1 2 180	55.0 x 8 55.1 35.0 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,70 110 2,00 4 / 126 power	2,750 3,980/520 1,080/1,670 2-10PR 10PR 1,400 890 	46 6,750 9,370 / 1,380 2,390 / 4,360 6.5 x 10 / 5.0 x 8 / 3 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 power	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid 	41 7,370 9,950 / 1,420 3,240 / 4,130 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6 foot-operate hand, me  GK2 53.0 2,7 110 2,0 4 / 126 powe	3,340 4,660 / 685 1,470 / 1,870 2-12PR 2-12PR -10PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149 000 4/2.1 ershift / 1

### **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. Availability: Types G, LP and D standard. Types GS, LPS and DS optional. 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.

	EDON ECOEN		FDOEN		ECZON		EDZSN		EC20N				
		FD20N FG25N			FD25N		FG28N		FD28N		FG30N		
1	4,000	2,000	5,000	2,500	5,000	2,500	5,500	2,800	5,500	2,800	6,000	3,000	
2	24 dia	500	24 500 gasoline/LPG		24   500 diesel		24 500 gasoline/LPG		24 500 diesel		24 500		
4		diesel gasoline/LPG pneumatic pneumatic								gasoline/LPG			
5	2x		2x / 2		pneumatic		pneumatic		pneumatic 2x / 2		pneumatic 2x / 2		
J	2.1	/ <b>Z</b>	ZX	/ <b>L</b>	2x / 2		2x / 2		23 / 2		ZX	12	
6	131.5	3,340	131.5	3,340	131.5	3,340	130.5	3,315	130.5	3,315	130.5	3,315	
7	5.5	140	5.5	140	5.5	140	5.7	145	5.7	145	5.7	145	
8	1.6x42.0x3.9	40x 1,070x 100	1.6x42.0x3.9	40x 1,070x 100	1.6 x 42.0 x 3.9	40x 1,070x 100	1.8 x 42.0 x 4.9	45x 1,070x 125	1.8 x 42.0 x 4.9	45x 1,070x 125	1.8 x 42.0 x 4.9	45x 1,070x 125	
9	8.7 / 39.4	220 / 1,000	8.7 / 39.4	220 / 1,000	8.7 / 39.4	220 / 1,000	9.8 / 39.4	250 / 1,000	9.8 / 39.4	250 / 1,000	9.8 / 39.4	250 / 1,000	
10	6° /		6° /		6° / 10°		6° / 10°		6° / 10°			10°	
11	98.0	2,490	100	2,550	100.0	2,550	104	2,645	104	2,645	107	2,720	
12	45.3	1,150	45.3	1,150	45.3	1,150	50.2	1,275	50.2	1,275	50.2	1,275	
13 14	64.6	1,640	64.6	1,640	64.6 84.5	1,640	67.5	1,715	67.5 85.5	1,715	67.5	1,715	
15	84.5 44.8	2,145 1,137	84.5 44.8	2,145	44.8	2,145 1,137	85.5 46.7	2,165 1,187	46.7	2,165	85.5 46.7	2,165 1,187	
16	82.9	2,105	82.9	1,137 2,105	82.9	2,105	83.7	2,125	83.7	1,187 2,125	83.7	2,125	
17	180	4,564	180	4,564	180	4,564	178.5	4,536	178.5	4,536	178.5	4,536	
18	86.6	2,200	87.8	2,230	87.8	2,230	91.1	2,315	91.1	2,315	93.7	2,380	
19	17.9	455	17.9	455	17.9	455	19.3	490	19.3	490	19.3	490	
20	105	2,655	106	2,685	106	2,685	110	2,805	110	2.805	113	2.870	
		_,000		_,,		_,,,,,,		_,,,,,,		_,,,,,		_,	
21	10.3 / 11.2	16.5 / 18.0	10.6 / 11.5	17.0 / 18.5	10.3 / 10.9	16.5 / 17.5	10.6 / 11.2	17.0 / 18.0	9.9 / 10.9	16.0 / 17.5	10.6 / 11.2	17.0 / 18.0	
22	120 / 126	0.61 / 0.64	112 / 116	0.57 / 0.59	120 / 126	0.61 / 0.64	98.4 / 102	0.50 / 0.52	96.5 / 100	0.49 / 0.51	98.4 / 102	0.50 / 0.52	
23	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50	
24	3,960	17,600	3,840	17,100	3,960	17,600	4,990	22,200	3,960	17,600	4,990	22,200	
25	4,520	20,100	4,520	20,100	4,520	20,100	5,800	25,800	4,540	20,200	5,800	25,800	
26	36		30		31.0		36.0		28.0		34.0		
27	42	.0	36.0		37.0		43.0		32.0		41.0		
28	7,610	3,450	7,990	3,620	8,210	3,720	9,090	4,120	9,330	4,230	9,400	4,260	
29	10,060 / 1,550	4,720 / 730	11,570 / 1,420	5,450 / 670	11,650 / 1,560	5,490 / 730	12,950 / 1,640	6,100 / 770	13,050 / 1,780	6,150 / 830	13,790 / 1,610	6,390 / 870	
30	3,340 / 4,270	1,510 / 1,940	3,190 / 4,800	1,440 / 2,180	3,260 / 4,950	1,480 / 2,240	3,670 / 5,420	1,660 / 2,460	3,730 / 5,600	1,690 / 2,540	3,860 / 5,540	1,700 / 2,560	
31	7.0 x 12	! - 12PR	7.0 x 12	2 - 12PR	7.0 x 12 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x	15 - 12PR	
32	7.0 x 12	- 12PR	7.0 x 12 - 12PR		7.0 x 12 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x	15 - 12PR	
33 34	6.0 x 9			- 10PR	6.0 x 9		6.5 x 10		6.5 x 10			1 700	
35	63.0 37.8	1,600 960	63.0 37.8	1,600 960	63.0 37.8	1,600 960	63.8 41.7	1,620 1,060	63.8 41.7	1,620 1,060	66.9 41.7	1,700 1,060	
36	47.4	1,205	47.4	1,205	47.4	1,205	41.7	1,060	41.7	1,060	47.2	1,060	
37	38.6	980	38.6	980	38.6	980	38.6	980	38.6	980	38.6	980	
38	4.6	117	4.6	117	4.6	117	5.4	136	5.4	136	5.4	136	
39	6.6	167	6.6	167	6.6	167	7.4	189	7.4	189	7.4	189	
40	foot-operate			ed, hydraulic	foot-operate		foot-operate		foot-operate			ed, hydraulic	
41	hand, me			hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
							•		Aug. =				
42	4EG GK21E			4EG		GK25E		4EG		GK25E			
43 44	48.0	36.0	53.0	39.6	48.0 36.0 2,250		61.0 45.8 2,700		48.0 36.0 2,250		61.0 45.8 2,700		
45	2,2 131	177	110	<b>700</b> 149	131		129		131		129	175	
45	1,8			149		177		175		177			
47	4 / 203	4/3.3	4 / 126	4/2.1	1,800 4 / 203 4 / 3.3		1,600 4/152 4/2.5		1,800		1,600 4/152 4/2.5		
48	powe			rshift	powe		powe	-	4 / 203 4 / 3.3 powershift			rshift	
49	1/		•		•		1/				•		
50	1:		1/1		1/1			2	1/1 12		1/1		
51	2,610	180	2,610	180	2,610	180	2,610	180	2,610	180	2,610	180	
52	75			3.5	75		76		75		·	5.5	

	CHARACTERISTICS			FD30N		FG33N		FD33N		FG35N	
1	Capacity at rated load center	lb	kg	6,000	3,000	6,500	3,300	6,500	3,300	7,000	3,500
2	Capacity at load center – distance	in /	mm	24	500	24	500	24	500	24	500
3	Power			dies	sel	gasolin	ie/LPG	dies	sel	gasolin	ie/LPG
4	Tire type			pneur	matic	pneur	matic	pneun	natic	pneun	natic
5	Wheels (x = driven)			2x /	/ 2	2x /	/ 2	2x /	/ 2	2x /	/ 2
	DIMENSIONS										
6	Maximum fork height – with standard two-stage mast	in /	mm	130.5	3,315	131.5	3,350	131.5	3,350	131.5	3,350
7	Free fork height – with standard two-stage mast		mm	5.7	145	5.9	150	5.9	150	5.9	150
8	Fork dimensions – length x width x thickness		mm	1.8 x 42.0 x 4.9	45x 1,070x 125		50x 1,070x 125	<b>.</b>	50x 1,070x 125		50x 1,070x 125
9	Fork spacing, out-to-out minimum / maximum		mm	9.8 / 39.4	250 / 1,000	9.8 / 39.4	250 / 1,000	9.8 / 39.4	250 / 1,000	9.8 / 39.4	250 / 1,000
10	Tilt, forward / backward	deg	-	6° / 10°		9.0 / 39.4 6° /		9.07 39.4 6° /		9.07 39.4 6° /	
11	Length to fork face	<u>-</u>	mm	107	2,720	108	2,750	108	2,750	110	2,790
12	Overall width with standard tires		mm	50.2	1,275	50.2	2,750 1,275	50.2	2,750 1,275	50.8	1,290
			-	67.5	1,275	67.5	1,275	67.5	1,275 1,715	67.5	
13	Overall width with optional duals		mm								1,715
14	Height with lowered mast		mm	85.5	2,165	90.5	2,299	90.5	2,299	90.5	2,299
15	Seat height		mm	46.7	1,187	46.7	1,187	46.7	1,187	46.7	1,187
	0 1		mm	83.7	2,125	83.7	2,125	83.7	2,125	84.3	2,140
17	Height with extended mast		mm	178.5	4,536	180	4,566	180	4,566	180	4,566
18	Minimum outside turning radius	in /	mm	93.7	2,380	95.7	2,430	95.7	2,430	96.1	2,440
19	Load moment constant	in /	mm	19.3	490	19.3	490	19.3	490	19.5	495
20	Minimum aisle – 90° stack – zero clearance without load	in /	mm	113	2,870	115	2,920	115	2,920	116	2,935
	PERFORMANCE										
21		mph k	km/h	9.9 / 10.9	16.0 / 17.5	10.9 / 11.5	17.5 / 18.5	10.3 / 11.2	16.5 / 18.0	10.9 / 11.5	17.5 / 18.5
22		fpm m		96.5 / 100	0.49 / 0.51	98.4 / 102	0.50 / 0.52	96.5 / 100	0.49 / 0.51	82.7 / 86.6	0.42 / 0.44
23		•	m/s	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.52	98.4 / 98.4	0.43 / 0.51	98.4 / 98.4	0.50 / 0.50
24	Drawbar pull loaded (60-minute rating)	<u> </u>	N	3,960	17,600	4,610	20,500	3,620	16,100	4,610	20,500
	Drawbar pull loaded maximum (5-minute rating)		N	4,540	· · · · · · · · · · · · · · · · · · ·	5,310	l	4,140		5,310	
25 26	1 0,				20,200	· · · · · · · · · · · · · · · · · · ·	23,600		18,400	· · · · · · · · · · · · · · · · · · ·	23,600
700	Gradeability loaded at 1 mph (1.6 km) %		26	. 0	29.0		22.0		27.	.0	
			-							20	
27	Gradeability maximum, loaded / empty	%	-	30		33.		25.		32.	.0
27	Gradeability maximum, loaded / empty WEIGHT	%		30	0.0	33.	3.0	25.	5.0		
27	Gradeability maximum, loaded / empty WEIGHT Empty	% Ib	kg	9,640	<b>4,370</b>	10,150	4,600	10,390	i. <b>0</b> 4,710	10,340	4,690
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.)	% Ib Ib	kg kg	9,640 13,890 / 1,750	4,370 6,550 / 820	10,150 14,590 / 2,060	4,600 6,880 / 970	10,390 14,700 / 2,190	4,710 6,920 / 1,040	10,340 15,400 / 1,990	4,690 7,250 / 940
27	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.)	% Ib Ib	kg	9,640	<b>4,370</b>	10,150	4,600	10,390	i. <b>0</b> 4,710	10,340	4,690
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.)	% Ib Ib	kg kg	9,640 13,890 / 1,750	4,370 6,550 / 820	10,150 14,590 / 2,060	4,600 6,880 / 970	10,390 14,700 / 2,190	4,710 6,920 / 1,040	10,340 15,400 / 1,990	4,690 7,250 / 940
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.)	% Ib Ib	kg kg kg	9,640 13,890 / 1,750	4,370 6,550 / 820 1,770 / 2,600	10,150 14,590 / 2,060	4,600 6,880/970 1,710/2,890	10,390 14,700 / 2,190	4,710 6,920 / 1,040 1,760 / 2,950	10,340 15,400 / 1,990	4,690 7,250 / 940 1,680 / 3,010
27 28 29 30	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS	% Ib Ib	kg kg kg	9,640 13,890 / 1,750 3,920 / 5,720	4,370 6,550 / 820 1,770 / 2,600	10,150 14,590 / 2,060 3,790 / 6,360	4,600 6,880/970 1,710/2,890 5 - 16PR	10,390 14,700 / 2,190 3,890 / 6,500	4,710 6,920/1,040 1,760/2,950 5 - 16PR	10,340 15,400 / 1,990 3,700 / 6,640	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR
28 29 30	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard)	% Ib Ib Ib in	kg kg kg	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR	33. 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15	4,600 6,880/970 1,710/2,890 5 - 16PR	25. 10,390 14,700 / 2,190 3,890 / 6,500	4,710 6,920/1,040 1,760/2,950 5 - 16PR 5 - 12PR	10,340 15,400 / 1,990 3,700 / 6,640	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR
28 29 30 31 32	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals)	% Ib Ib Ib in in in	kg kg kg	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR	33. 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1	4,600 6,880/970 1,710/2,890 5 - 16PR	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1	4,710 6,920/1,040 1,760/2,950 5 - 16PR 5 - 12PR	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR
27 28 29 30 31 32 33 34	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase	% Ib Ib Ib in in in in	kg kg kg	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR	33. 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 1,700	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9	4,710 6,920 / 1,040 1,760 / 2,950 5 - 16PR 15 - 12PR 1,700	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9	4,690 7,250/940 1,680/3,010 5 - 16PR 15 - 12PR 1,700
28 29 30 31 32 33 34 35	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires)	% Ib Ib Ib in	kg kg kg	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7	4,710 6,920 / 1,040 1,760 / 2,950 5 - 16PR 15 - 12PR 1,700 1,060	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060
28 29 30 31 32 33 34 35 36	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)	% Ib Ib Ib in	kg kg kg	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2	4,710 6,920/1,040 1,760/2,950 5 - 16PR 15 - 12PR 1,700 1,060 1,200	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200
28 29 30 31 32 33 34 35 36 37	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear	% Ib Ib Ib in	kg kg kg mm mm mm	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6	4,710 6,920/1,040 1,760/2,950 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6	4,690 7,250/940 1,680/3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980
28 29 30 31 32 33 34 35 36 37 38	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast	% Ib Ib Ib in	kg kg kg mmm mm m	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4	4,710 6,920/1,040 1,760/2,950 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 136	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7	4,690 7,250/940 1,680/3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146
28 29 30 31 32 33 34 35 36 37 38 39	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase	%	kg kg kg kg mm	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136 189	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146
28 29 30 31 32 33 34 35 36 37 38 39 40	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes	% Ib Ib Ib in in in in in in in in in r in r in r	kg kg kg mm	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	25. 10,390 14,700 / 2,190 3,890 / 6,500  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,710 6,920/1,040 1,760/2,950 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 136 189 sd, hydraulic	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic
28 29 30 31 32 33 34 35 36 37 38 39	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes	%	kg kg kg mm	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,710 6,920/1,040 1,760/2,950 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 136 189 sd, hydraulic	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic
28 29 30 31 32 33 34 35 36 37 38 39 40	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL	% Ib Ib Ib in in in in in in in in in r in r in r	kg kg kg mm	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, med	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic
28 29 30 31 32 33 34 35 36 37 38 39 40	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – front (optional duals)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes	% Ib Ib Ib In	kg kg kg kg mm mm mm mm mm mm mm ee ee	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,600 6,880/970 1,710/2,890 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL Engine model	% Ib Ib Ib In	kg kg kg mm	9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1-700 1,060 1,200 980 136 189 ed, hydraulic echanical	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, med	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL	% Ib Ib Ib In	kg kg kg mmm mmm mmm mmm mmm mm mm mm mm mm mm	30 9,640 13,890 / 1,750 3,920 / 5,720 28 x 9 x 1 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1-700 1,060 1,200 980 136 189 ed, hydraulic echanical	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, med	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL Engine model Continuous output S.A.E. gross	Ib Ib Ib Iin	kg kg kg mmm mmm mmm mmm mmm mm mm mm mm mm mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1-700 1,060 1,200 980 136 189 ed, hydraulic echanical	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, medical section of the section	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross	Ib Ib Ib Iin	kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operated hand, mediand,	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 150	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, medical section of the section	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.) CHASSIS Tire size – front (standard) Tire size – front (optional duals) Tire size – rear Wheelbase Tread width – front (standard tires) Tread width – front (optional duals) Tread width – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL Engine model Continuous output S.A.E. gross	Ib Ib Ib Iin	kg kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,2  131	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	33 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,28  131	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operater hand, merent services of the services	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	Ib Ib Ib Iin	kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  48.0  2,2  131  1,8  4 / 203	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	33 10,150 14,590 / 2,060 3,790 / 6,360  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK2 61.0 2,7 129 1,6 4 / 152	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 1,75 500	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operated hand, mediand,	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 177	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operated hand, medical series of the series of	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 500
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross	Ib Ib Ib Iin	kg kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  48.0  2,2  131  1,8  4 / 203  power	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 1 - 10PR 1 ,700 1 ,060 1 ,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177 300 4/3.3 ershift	33 10,150 14,590 / 2,060 3,790 / 6,360  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK2 61.0 2,7( 129 1,6( 4 / 152 power	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 1,75 600 4/2.5 ershift	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,2!  131  1,80  4 / 203  power	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operater hand, meritary and the second of the	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 crshift
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross  Cylinders / displacement  Transmission type  Number of speeds, forward / reverse	Ib Ib Ib Iin	kg kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  48.0  2,2  131  1,8  4 / 203  power  1 /	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177 300 4/3.3 ershift	33 10,150 14,590 / 2,060 3,790 / 6,360  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK2 61.0 2,7( 129 1,6( 4 / 152 power 1 /	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 0-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 ershift	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,2!  131  1,8!  4 / 203  power  1 /	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	10,340 15,400 / 1,990 3,700 / 6,640  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operater hand, mer  GK2 61.0 2,70 129 1,60 4 / 152 power	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 crshift
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49 50	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross  Cylinders / displacement  Transmission type  Number of speeds, forward / reverse  Battery	Ib Ib Ib Iin	kg kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  48.0  2,2  131  1,8  4 / 203  power  1 /	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 1 - 10PR 1 ,700 1,060 1,200 980 136 189 189 189 189 189 189 189 189	33 10,150 14,590 / 2,060 3,790 / 6,360  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK2 61.0 2,7( 129 1,6( 4 / 152 power 1 / 12	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 1,75 600 4/2.5 ershift	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,2!  131  1,8!  4 / 203  power  1 /	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	10,340 15,400 / 1,990 3,700 / 6,640  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operater hand, mer  GK2 61.0 2,70 129 1,60 4 / 152 power 1 /	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 crshift /1
28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	Gradeability maximum, loaded / empty  WEIGHT  Empty  Axle load with rated load, front / rear (est.)  Axle load without load, front / rear (est.)  CHASSIS  Tire size – front (standard)  Tire size – rear  Wheelbase  Tread width – front (standard tires)  Tread width – front (optional duals)  Tread width – front (optional duals)  Tread width – rear  Ground clearance at lowest point of mast  Ground clearance at center of wheelbase  Service brakes  Parking brakes  ELECTRICAL  Engine model  Continuous output S.A.E. gross  Maximum torque S.A.E. gross  Cylinders / displacement  Transmission type  Number of speeds, forward / reverse  Battery	Ib Ib Ib Iin	kg kg kg kg mm	30  9,640  13,890 / 1,750  3,920 / 5,720  28 x 9 x 1  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  48.0  2,2  131  1,8  4 / 203  power  1 /	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177 300 4/3.3 ershift /1 2	33 10,150 14,590 / 2,060 3,790 / 6,360  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK2 61.0 2,7( 129 1,6( 4 / 152 power 1 /	4,600 6,880/970 1,710/2,890 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 1,75 600 4/2.5 ershift /1	25.  10,390  14,700 / 2,190  3,890 / 6,500  250 x 15  28 x 9 x 1  6.5 x 10  66.9  41.7  47.2  38.6  5.4  7.4  foot-operate hand, me  4E  48.0  2,2!  131  1,8!  4 / 203  power  1 /	4,710 6,920/1,040 1,760/2,950 5-16PR 15-12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177 1000 4/3.3 rshift	10,340 15,400 / 1,990 3,700 / 6,640  250 x 15 28 x 9 x 1 6.5 x 10 66.9 41.7 47.2 38.6 5.7 8.0 foot-operater hand, mer  GK2 61.0 2,70 129 1,60 4 / 152 power	4,690 7,250/940 1,680/3,010 5-16PR 15-12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 rrshift /1 2

### **SAFETY STANDARDS**

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/TSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Availability: Types G, LP and D standard. Types GS, LPS and DS Option (subject to availability). 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/TSDF 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.

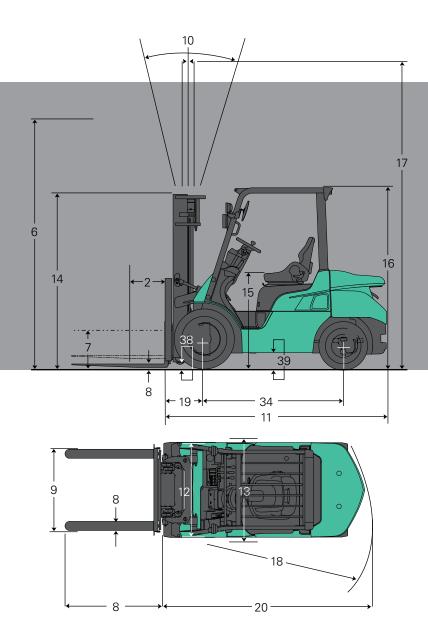
	FD3	25N						
1	7,000	3,500						
2	24	500						
3		sel						
4	pneumatic							
5	2x / 2							
6	131.5	3,350						
7	5.9	150						
8	2.0 x 42.0 x 4.9	50x 1,070x 125						
9	9.8 / 39.4	250 / 1,000						
10	6° /							
11	110	2,790						
12	50.8	1,290						
13	67.5	1,715						
14	90.5	2,299						
15	46.7	1,187						
16 17	84.3 180	2,140 4,566						
18	96.1	2.440						
19	19.5	495						
20	116	2,935						
LU	110	2,000						
21	10.3 / 11.2	16.5 / 18.0						
22	80.7 / 84.6	0.41 / 0.43						
23	98.4 / 98.4	0.50 / 0.50						
24	3,620	16,100						
25	4,140	18,400						
26	21							
27	24	l.0						
28	10,590	4,800						
29	15,500 / 2,130	7,300 / 1,000						
30	3,820 / 6,770	1,730 / 3,070						
31	250 v 1	5 - 16PR						
32		15 - 12PR						
33	6.5 x 10							
34	66.9	1,700						
35	41.7	1,060						
36	47.2	1,200						
37	38.6	980						
38	5.7	146						
39	8.0	202						
40	foot-operate							
41	hand, me	echanical						
40								
42	48.0							
43	48.0	36.0						
43 44	48.0 2,2	36.0 2 <b>50</b>						
43 44 45	48.0 2,2 131	36.0 2 <b>50</b> 177						
43 44 45 46	48.0 2,2 131 1,8	36.0 250 177						
43 44 45 46 47	48.0 2,2 131 1,8 4 / 203	36.0 250 177 300 4/3.3						
43 44 45 46 47 48	48.0 2,2 131 1,8	36.0 250 177 300 4/3.3 rshift						
43 44 45 46 47	48.0 2,2 131 1,8 4 / 203 powe	36.0 250 177 300 4/3.3 rshift						
43 44 45 46 47 48 49	48.0 2,2 131 1,8 4 / 203 powe	36.0 250 177 200 4/3.3 rshift						

52

75.5

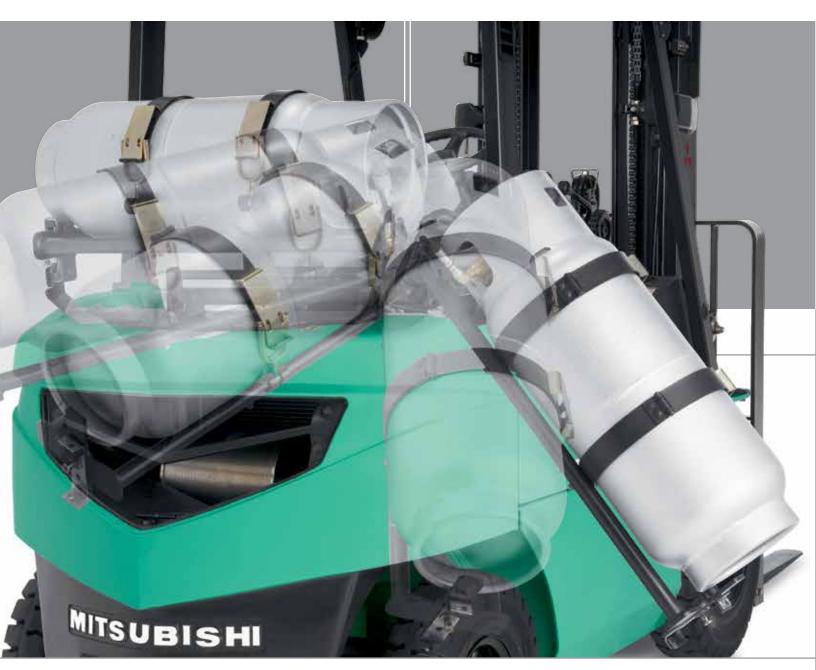
Call-out numbers shown in the diagram below correspond to the first column of the specifications chart.

### FG15N-FG35N FD20N-FD35N



# GOING THE EXTRA MILE.

HELPING KEEP OPERATORS AND PRODUCTS SECURE REQUIRES CONSTANT AWARENESS



Mitsubishi Forklift Trucks offers a selection of options designed specifically to help minimize risk and keep operators, pedestrians and your assets secure in the work environment.

#### **Integrated Presence System:**

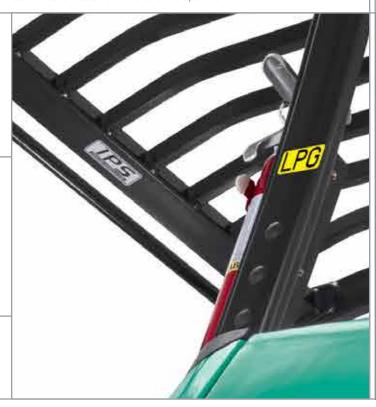
The FG15N-FG35N / FD20-FD35N series is built to help protect the operator and surrounding personnel. Each forklift comes standard with the Integrated Presence System (IPS), which is designed to disengage all powered travel and some hydraulic functions when the operator leaves the normal operating position. A warning alarm will also sound and an indicator on the dash will appear if the operator leaves the compartment without applying the parking brake or forgets to fasten their seat belt.

### **Additional Options To Help Minimize Risk:**

- Rear grab bar with horn button This option allows the operator to easily access the horn while traveling in reverse, while the ergonomic placement of the rear grab bar creates a secure grip.
- <u>Ground speed control</u> This programmable feature regulates top speeds and acceleration in environments where caution should be exercised.
- <u>Swing-down LP gas tank bracket</u> Helping to reduce operator strain, this option makes it easier to remove and replace the empty fuel tank.
- <u>Light, strobe and alarm packages</u> In dimly lit work areas, the optional rear work lights and strobe packages enhance operator visibility while increasing the visibility of the forklift to others working in the same area.
- <u>Fuel saver mode</u> This system slows the acceleration of the forklift which allows savings of up to 14% in fuel efficiency without limiting the top speed of the truck.
- Thermoformed overhead guard cover This plastic cover, offered in both clear or tinted, will help protect the operator from the elements while still allowing visibility through the overhead guard.

The Integrated Presence System provides audible and visual reminders to the operator.

Ground speed control allows you to set limits for the forklift's top speeds. This is especially useful in applications with pedestrian traffic.





### FG15N-FG35N FD20N-FD35N

3,000-7,000 LB CAPACITY PNEUMATIC 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**

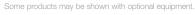
The Mitsubishi forklift truck dealer network is dedicated to finding the right forklift solution for your business. With more than 300 dealer locations, you can rely on your local dealer to provide the service you need when you need it most.





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.

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