





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



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.

Enhanced Operator Visibility:

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.

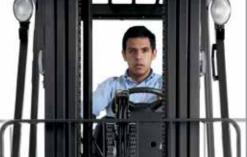
- Designed for operator comfort
- Adjustable seating for flexibility
- Enhanced visibility
- Memory tilt steering

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.











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

	HARACTERISTICS		FG15N		FG18N		FG20CN		FG20N	
1	Capacity at rated load center	lb 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	ie/LPG	gasolin	ie/LPG	gasolin	ie/LPG	gasolin	ne/LPG
4	Tire type		pneur	matic	pneur	natic	pneur	natic	pneur	matic
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		35 x 1,070 x 100		35 x 1,070 x 100		40x 1,070x 100		40 x 1,070 x 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
10	Tilt, forward / backward	deg	6° /		6° / 10°		6° / 10°		6° /	
11	Length to fork face	in mm	89.0	2,260	90.4	2,295	92.5	2,350	98.0	2,490
12	Overall width with standard tires	in mm	41.9	1,065	41.9	1,065	41.9	1,065	45.3	1,150
13	Overall width with optional duals	in mm		,,					64.6	1,640
14	Height with lowered mast	in mm	84.5	2,140	84.5	2,140	84.5	2,140	84.5	2,145
15	Seat height	in mm	44.4	1,127	44.4	1,127	44.4	1,127	44.8	1,137
	7	in mm	82.7	2,100	82.7	2,100	82.7	2,100	82.9	2,105
17	Height with extended mast	in mm	179	2,100 4,549	179	2,100 4,549	179	2,100 4,549	180	4,564
				· ·						
18	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	415	17.9	455
20	Minimum aisle – 90° stack – zero clearance without load	in mm	92.5	2,350	93.7	2,380	95.9	2,435	105	2,655
	PERFORMANCE									
		mph km/h	10.9 / 11.8	17.5 / 19.0	10.9 / 11.8	17.5 / 19.0	11.2 / 11.5	18.0 / 18.5	10.6 / 11.5	17.0 / 18.5
22	Lift speed, loaded / empty	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
23	Lowering speed, loaded / empty	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
24	Drawbar pull loaded (60-minute rating)	lb N	3,910	17,400	3,910	17,400	3,870	17,200	3,840	17,100
25	Drawbar pull loaded maximum (5-minute rating)	lb N	4,560	20,300	4,560	20,300	4,500	20,000	4,500	20,000
	, , ,				39.0		38.0		35	
26	Gradeability loaded at 1 mph (1.6 km)	%	35	3.0	39	\0	38	.0	33	1.0
26 27	Gradeability loaded at 1 mph (1.6 km) Gradeability maximum, loaded / empty	%	63		39. 55.		38 46		41	
	Gradeability maximum, loaded / empty	%								
27	Gradeability maximum, loaded / empty WEIGHT Empty	% lb kg	5,650	2,560	6,070	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.)	% Ib kg Ib kg	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	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.) Axle load without load, front / rear (est.)	% Ib kg Ib kg	5,650	2,560	6,070	2,750	6,750	3,040	7,370	3,340
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	% 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
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 kg Ib kg Ib kg Iii kg	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 3,240 / 4,130 7.0 x 12	3,340 4,660 / 685 1,470 / 1,870 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)	% Ib kg Ib kg Ib kg in in	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	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	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR
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	% Ib kg Ib kg Ib kg in in in	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	% b kg b kg b kg in in in	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 - 5.0 x 8	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR - - 10PR 1,400	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 1,400	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	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
27 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)	% b kg b kg b kg in in in in mm in	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	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)	% b kg b kg b kg in in in in in mm in mm in	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)	% b kg b kg b kg in in in in mm in	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	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR 1,600 960 1,205 980
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)	% b kg b kg b kg in in in in in mm in mm in	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 – front (optional duals)	% b kg b kg in in in in in mm in mm in in mm in	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 38.6	3,340 4,660 / 685 1,470 / 1,870 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980
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	// kg // kg // kg // kg // in	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 - 900 110 152	55. 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	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	3,040 4,390 / 650 1,080 / 1,960 5.0 Solid - 3.0 Solid 1,400 890 - 900 110 152	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 1,205 980 117 167
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	lb kg lb kg lb kg in in in in in mm in mm in mm in mm in mm	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	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 3.0 Solid 1,400 890 900 110 152 dd, 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	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	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	// kg // kg // kg // kg // in	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 3.0 Solid 1,400 890 900 110 152 dd, 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	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	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	// kg // kg // kg // kg // in	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 echanical	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 - 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	lb kg lb kg lb kg in in in in mm in mm in mm in mm in mm type type	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 2 - 10PR 10PR 1,400 890 - 900 110 152 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 - 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
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 kg Ib kg Ib kg Iin in Iin in Iin mm	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 2 - 10PR - 10PR 1,400 890 - 900 110 152 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 	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 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 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 kg Ib kg Ib kg Iin in Iin in Iin mm	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 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700	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 - 900 110 152 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 - 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 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 – 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 kg Ib kg Ib kg Iin kg Iin	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 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153	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 echanical 21E 40 700 153	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 40	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 40
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 kg Ib kg Ib kg Iin kg Iin	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 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300	55.0 x 8 55.1 35.0 5.0 foot-operate hand, me GK2 53.0 2,70 110 1,80	2,750 3,980 / 520 1,080 / 1,670 2-10PR10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 40 700 153	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 40 700 153 160	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 1,8	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 40 700 153
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 – 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 Maximum torque S.A.E. gross Cylinders / displacement	Ib kg Ib kg Ib kg Iin kg Iin	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 1,8 4 / 126	2,560 3,620 / 440 1,130 / 1,430 0 - 10PR 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300 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 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 1,8 4 / 126	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 1,8 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 40 700 153 300 4 / 2.1
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 – 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 Continuous output S.A.E. gross Maximum torque S.A.E. gross - Cylinders / displacement Transmission type	Ib kg Ib kg Ib kg Iin kg Iin	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300 4 / 2.1	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me GK2 53.0 2,70 110 1,80 4 / 126 power	2,750 3,980 / 520 1,080 / 1,670 2-10PR10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 40 700 153 600 4 / 2.1	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 1,8 4 / 126	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 1,8 4 / 126 powee	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 40 700 153 300 4 / 2.1
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 – 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 Maximum torque S.A.E. gross - Cylinders / displacement Transmission type Number of speeds, forward / reverse	Ib kg Ib kg Ib kg Iin kg Iin	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300 4 / 2.1 ershift / 1	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me GK2 53.0 2,70 110 1,80 4 / 126 power	2,750 3,980 / 520 1,080 / 1,670 2-10PR10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 40 700 4 / 2.1 rrshift //1	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 1,8 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 1,8 4 / 126 powee	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 40 700 153 800 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	Ib kg Ib kg Ib kg Iin kg Iin	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300 4 / 2.1 ershift / 1 2	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me GK2 53.0 2,70 110 1,80 4 / 126 power	2,750 3,980 / 520 1,080 / 1,670 2-10PR10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 40 700 4 / 2.1 rrshift / 1 2	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 1,8 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 1,8 4 / 126 powee	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 40 700 153 300 4 / 2.1 ershift / 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 – 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 Maximum torque S.A.E. gross - Cylinders / displacement Transmission type Number of speeds, forward / reverse	Ib kg Ib kg Ib kg Iin kg Iin	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10	2,560 3,620 / 440 1,130 / 1,430 - 10PR - 10PR 1,400 890 - 900 110 152 ed, hydraulic echanical 21E 40 700 153 300 4 / 2.1 ershift / 1 2	55.0 x 8 55.1 35.0 - 35.4 4.3 6.0 foot-operate hand, me GK2 53.0 2,70 110 1,80 4 / 126 power	2,750 3,980 / 520 1,080 / 1,670 2-10PR10PR 1,400 890 900 110 152 ed, hydraulic echanical 21E 40 700 153 800 4 / 2.1 rrshift / 1 2 180	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 1,8 4 / 126 power	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 40 700 153 1000 4 / 2.1 rshift 71 2	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 1,8 4 / 126 powee	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 40 700 153 800 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.

FD20N		FG25N		FD25N		FG28N		FD28N		FG30N		
4												
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	500	24	500	24 die	500	24	500	24	500	24	500
_	die		_	gasoline/LPG			gasoline/LPG		diesel		gasoline/LPG	
4	pneui		pneumatic		pneumatic		pneumatic		pneumatic		pneumatic 2x / 2	
5	2X	2x/2 2x/2		2x / 2		2x / 2		2x / 2		2		
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	1.6 x 42.0 x 3.9	40 x 1,070 x 100	1.6x42.0x3.9	40 x 1,070 x 100	1.6 x 42.0 x 3.9	40 x 1,070 x 100	1.8 x 42.0 x 4.9	45 x 1,070 x 125	1.8 x 42.0 x 4.9	45 x 1,070 x 125	1.8 x 42.0 x 4.9	45 x 1,070 x 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° /	10°	6° /	10°	6° /	10°	6° /	10°	6° /	10°	6° /	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	64.6	1,640	64.6	1,640	64.6	1,640	67.5	1,715	67.5	1,715	67.5	1,715
14	84.5	2,145	84.5	2,145	84.5	2,145	85.5	2,165	85.5	2,165	85.5	2,165
15	44.8	1,137	44.8	1,137	44.8	1,137	46.7	1,187	46.7	1,187	46.7	1,187
16	82.9	2,105	82.9	2,105	82.9	2,105	83.7	2,125	83.7	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
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 27	36		30		31.0		36.0		28.0		34.0 41.0	
21	42		30	6.0	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	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	6.0 x 9	- 10PR	6.0 x 9	- 10PR	6.0 x 9	- 10PR	6.5 x 10) - 10PR	6.5 x 10) - 10PR	6.5 x 10) - 10PR
34	63.0	1,600	63.0	1,600	63.0	1,600	63.8	1,620	63.8	1,620	66.9	1,700
35	37.8	960	37.8	960	37.8	960	41.7	1,060	41.7	1,060	41.7	1,060
36	47.4	1,205	47.4	1,205	47.4	1,205	47.2	1,200	47.2	1,200	47.2	1,200
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-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	hand, me	chanical	hand, m	echanical	hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
42	AE	4EG GK21E		4EG		GK25E		4EG		GK25E		
43	48.0			48.0 36.0		GK25E 61.0 44		48.0 36.0		GK25E 61.0 45.8		
44	2,2			700	40.0		2,7			250	2,7	L
45	131	177	110	153	131	177	129	168	131	177	129	168
46	1,8			300								
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 4 / 203 4 / 3.3		1,600 4/152 4/2.5	
48	powe			ershift	<u> </u>				4 / 203 4 / 3.3 powershift		4 / 152 4 / 2.5 powershift	
49	1/		1		powershift 1 / 1		powershift 1 / 1		powershift 1/1		1.	
50					1/1			2	1/1			
51	2,610	12 12 2,610 180 2,610 180		2,610 180 2,610		2 12 180 2,610 180		12 2,610 180				
-			· · · · · · · · · · · · · · · · · · ·							1		
52	75	.0	/.	3.5	/:	i.5	/r	3.5	/:	5.5] /t	5.5

	CHARACTERISTICS	HARACTERISTICS		FD30N		FG33N		FD33N		FG35N	
1	Capacity at rated load center	lb ko	*	3,000	6,500	3,300	6,500	3,300	7,000	3,500	
2	Capacity at load center – distance	in mr		500	24	500	24	500	24	500	
3	Power	die	esel	gasolin	ne/LPG	dies	sel	gasolin	ie/LPG		
4	Tire type	pneu	umatic	pneur	matic	pneun	natic	pneur	natic		
5	Wheels (x = driven)		2x	2x / 2		/2	2x /	/ 2	2x /	/ 2	
	DIMENSIONS										
6	Maximum fork height – with standard two-stage mast	in mr	m 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	in mr	m 5.7	145	5.9	150	5.9	150	5.9	150	
8	Fork dimensions – length x width x thickness	in mr	- 	+				50 x 1,070 x 125		50 x 1,070 x 125	
9	Fork spacing, out-to-out minimum / maximum	in mr		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°		10°	6° / 10°		6° /		
11	Length to fork face	in mr		2,720	108	2,750	108	2,750	110	2,790	
12	Overall width with standard tires	in mr		1,275	50.2	1,275	50.2	1,275	50.8	1,290	
13	Overall width with optional duals	in mr		1,715	67.5	1,715	67.5	1,715	67.5	1,715	
14	Height with lowered mast	in mr	_	2,165	90.5	2,299	90.5	2,299	90.5	2,299	
15	Seat height	in mr	<u> </u>	1,187	46.7	1,187	46.7	1,187	46.7	1,187	
16	-	in mr		2,125	83.7	2,125	83.7	2,125	84.3	2,140	
17	Height with extended mast	in mr		4,536	180	4,566	180	4,566	180	4,566	
18	Minimum outside turning radius	in mr	_	2,380	95.7	2,430	95.7	2,430	96.1	2,440	
19	Load moment constant	in mr	<u> </u>	490	19.3	2,430 490	19.3	2,430 490	19.5	2,440 495	
				2,870	19.3	2,920	19.3	490 2,920	19.5	2,935	
20	Minimum aisle – 90° stack – zero clearance without load	in mr	n 113	∠,01∪	115	۷,۶۷۷	110	2,920	110	2,930	
01	PERFORMANCE	- lan	20 (40.0	100/175	10.0 / 44 E	17.5 / 10.5	100/110	105/100	100/11 5	175/105	
		mph km		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 mm		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		fpm m/		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	Drawbar pull loaded (60-minute rating)	lb N	-,	17,600	4,610	20,500	3,620	16,100	4,610	20,500	
25	Drawbar pull loaded maximum (5-minute rating)	lb N		20,200	5,310	23,600	4,140	18,400	5,310	23,600	
		%		0.0	29.0		22.0		27.	.0	
26	Gradeability loaded at 1 mph (1.6 km)			6.0							
26	Gradeability loaded at 1 mph (1.6 km) Gradeability maximum, loaded / empty	%		0.0	33		25.		32		
	Gradeability maximum, loaded / empty		30								
27	Gradeability maximum, loaded / empty WEIGHT	%	g 9,640	0.0	33	3.0	25.	5.0	32	2.0	
27	Gradeability maximum, loaded / empty WEIGHT Empty	% Ib ko	g 9,640 g 13,890 / 1,750	0.0 4,370	10,150	4,600	10,390	4,710	10,340	2.0 4,690	
27 28 29	Gradeability maximum, loaded / empty WEIGHT Empty Axle load with rated load, front / rear (est.)	% Ib kç	g 9,640 g 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 kç	9,640 g 13,890 / 1,750 g 3,920 / 5,720	4,370 6,550 / 820	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	
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 kç Ib kç	9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x	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	
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 kç Ib kç in	9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 3	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 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 15 - 12PR	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 15 - 12PR	32 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 5 - 12PR	
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	Ib kç Ib kç Ib kç in in	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3	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	4,600 6,880 / 970 1,710 / 2,890 5 - 16PR 15 - 12PR	25. 10,390 14,700 / 2,190 3,890 / 6,500 250 x 15 28 x 9 x 1 6.5 x 10	4,710 6,920 / 1,040 1,760 / 2,950 5 - 16PR 15 - 12PR	32 10,340 15,400 / 1,990 3,700 / 6,640 250 x 15 28 x 9 x 1 6.5 x 10	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	% Kg Ib Kg Ib Kg Ib Kg Ib Kg Ib In In In In In In In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9	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 0 - 12PR	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	32 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	
27 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 kç Ib kç Ib kç Iin in in mr	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 6.5 x 10 m 66.9 m 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	32 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 0 - 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 kç Ib kç Ib kç in in in in mr in mr in mr	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 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 0 - 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	32 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)	Ib kg Ib kg Iin in Iin Iin mr Iin mr Iin mr Iin mr Iin mr Iin mr	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 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	32 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 kg Ib kg Ib kg In in In In In mr	9 9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 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	32 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 – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase	Ib kg Ib kg Iin in i	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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	32 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 0 - 12PR 1,700 1,060 1,200 980 146 202	
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 kg Ib kg Ib kg Iin in in Iin mi	9 9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ted, 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	32 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-operate	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 2d, 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	Ib kg Ib kg Iin in i	9 9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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	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	32 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 2d, 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 kg Ib kg Ib kg Iin in in Iin mi	9 9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ted, 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	32 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-operate hand, me	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 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	Ib kg Ib kg Ib kg In in in in in mr In type type	9 9,640 9 13,890 / 1,750 9 3,920 / 5,720 28 x 9 x 28 x 9 x 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ted, hydraulic techanical	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 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	32 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-operate hand, me	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	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 kg Ib kg Ib kg Iin in in Iin mi	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ted, hydraulic techanical	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 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	32 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-operate hand, me	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 kg Ib kg Ib kg In type type HP kW at rpm	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ted, hydraulic techanical	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 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	32 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-operate hand, me	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 kg Ib kg Ib kg Iin in type type HP kV	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ted, hydraulic techanical	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 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	32 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-operate hand, me GK2 61.0 2,7(129	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 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 kg Ib kg Ib kg In type type HP kW at rpm	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ted, hydraulic techanical	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 echanical 25E 44	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	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	32 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-operate hand, me	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 12PR 1,700 1,060 1,200 980 146 202 2d, hydraulic 2chanical	
28 29 30 31 32 33 34 35 36 37 38 39 40 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 – 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 In type type HP kW at rpm Ib-ft Nr	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 7.4 foot-operate hand, me W 48.0 2,2 m 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 ted, hydraulic techanical	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 echanical 25E 44	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	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	32 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-operate hand, me GK2 61.0 2,7(129	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 12PR 1,700 1,060 1,200 980 146 202 2d, hydraulic 2chanical	
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 – 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 In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 7.4 foot-operate hand, me W 48.0 2,2 m 131 1,8	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ted, hydraulic techanical 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	4,600 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 44 700 168 500 4/2.5	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 36.0 177	32 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-operate hand, me GK2 61.0 2,70 129 1,6	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 44 700 168 500 4 / 2.5	
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 Cylinders / displacement Transmission type	Ib kg Ib kg Ib kg In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 7.4 foot-operate hand, me W 48.0 2,2 m 131 1,8 4 / 203 powee	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ech, hydraulic echanical EG 36.0 250 177 800 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 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 44 700 168 500 4/2.5	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	32 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-operate hand, me GK2 61.0 2,7(129 1,6(4 / 152	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 204, hydraulic 25E 44 200 168 200 4 / 2.5 3 - 16PR	
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 kg Ib kg Ib kg In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 eed, hydraulic eechanical EG 36.0 250 177 800 4 / 3.3	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 44 700 168 500 4/2.5	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 48.0 2,23 131 1,86 4 / 203	4,710 6,920 / 1,040 1,760 / 2,950 5 - 16PR 5 - 12PR 7 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	32 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-operate hand, me GK2 61.0 2,7(129 1,6(4 / 152 power	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 12PR 1,700 1,060 1,200 980 146 202 2d, hydraulic 25E 44 700 168 600 4 / 2.5 rshift	
28 29 30 31 32 33 34 35 36 37 38 39 40 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 Number of speeds, forward / reverse Battery	Ib kg Ib kg Ib kg In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 3 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 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 ech, hydraulic echanical EG 36.0 250 177 800 4 / 3.3 ershift / 1 12	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 44 700 168 500 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-operater hand, me 48.0 2,28 131 1,86 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	32 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-operate hand, me GK2 61.0 2,70 129 1,60 4 / 152 power	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 5 - 12PR 1,700 1,060 1,200 980 146 202 2d, hydraulic 25E 44 700 168 600 4 / 2.5 rshift	
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 kg Ib kg Ib kg In	g 9,640 g 13,890 / 1,750 g 3,920 / 5,720 28 x 9 x 28 x 9 x 6.5 x 10 m 66.9 m 41.7 m 47.2 m 38.6 m 5.4 m 7.4 foot-operate hand, me W 48.0 2,2 m 131 1,6 4 / 203 powe 1,6 ar 2,610	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ech, hydraulic echanical EG 36.0 250 177 800 4 / 3.3 ershift / 1	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 44 700 168 600 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 / 1	32 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-operate hand, me GK2 61.0 2,7/ 129 1,60 4 / 152 power	4,690 7,250 / 940 1,680 / 3,010 5 - 16PR 15 - 12PR 1,700 1,060 1,200 980 146 202 204, hydraulic 205 44 206 47 2.5 31 31 31 31 31 31 31 31 31 31	

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.

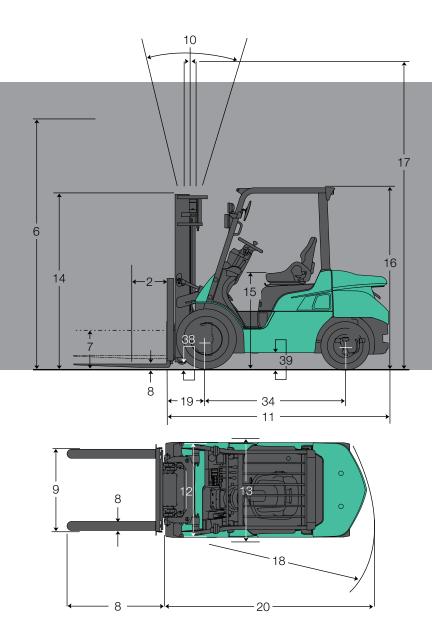
• Occupational Safety and Health Administration (OSHA) regulations that may apply.

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	35N							
1	7,000	3,500							
2	24	500							
3	die	sel							
4	pneumatic								
5	2x / 2								
	EK! E								
6	131.5	3,350							
7	5.9	150							
8	2.0 x 42.0 x 4.9	50 x 1,070 x 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	84.3	2,140							
17	180	4,566							
18	96.1	2,440							
19	19.5	495							
20	116	2,935							
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							
00	40.500	4.000							
28	10,590	4,800							
29	15,500 / 2,130	7,300 / 1,000 1,730 / 3,070							
30	3,820 / 6,770	1,73073,070							
31	250 x 15	5 - 16PR							
32		15 - 12PR							
33) - 12PR							
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	ed, hydraulic							
41	hand, me	echanical							
42	46								
43	48.0	36.0							
44	2,2								
45	131	177							
46		300							
47	4 / 203	4/3.3							
48		rshift							
49	1,								
50		2							
51	2,610	180							
52	75	i.5							

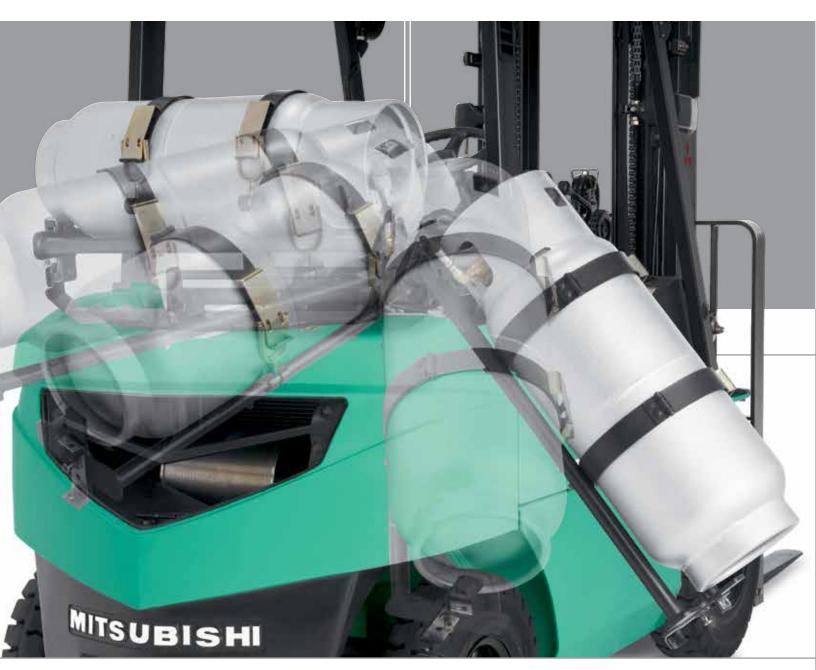
Call-out numbers shown in the diagram below correspond to the first column of the specifications chart.

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.

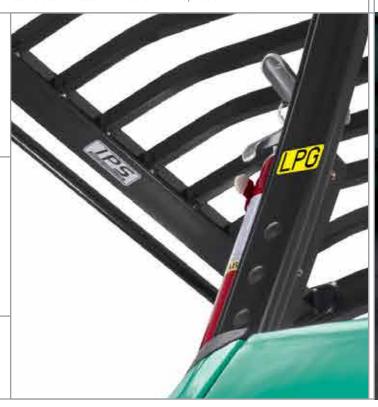
Additional Options To Help Minimize Risk:

- 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.
- Swing-down LP gas tank bracket 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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