





### 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		FG1	5N	FG1	8N	FG2	JCN	FG2	LUN
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	Power			gasolin	ie/LPG	gasolin	ie/LPG	gasolin	ne/LPG
4	Tire type		pneur	matic	pneur	natic	pneumatic		pneur	
5	Wheels (x = driven)	- 1		/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° /		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	1	1,000	7	1,000	7110	1,000	64.6	1,730
	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	64.5 44.4	2,140 1,127	44.4	2,140 1,127	44.4	2,140 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	415	17.9	455
		in mm	92.5	2,350	93.7	2,380	95.9	2,435	105	2,655
	PERFORMANCE									
21	Travel speed, loaded / empty r	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 <i>m/s</i>	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 N	4,560	20,300	4,560	20,300	4,500	20,000	4,500	20,000
	(* 3)		39.0		39.0		38.0		35.0	
26	Gradeability loaded at 1 mph (1.6 km) %		63.0		. 38			46.0		/.0
		%							41.	
27	Gradeability maximum, loaded / empty				55.					
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
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)	%	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)	%   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 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       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	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)	%   kg       kg         kg	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	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	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	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       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	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       kg	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	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   kg   lb   kg     kg	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	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   kg   lb   kg     kg	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)	%   kg   kg   lb   kg     kg	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 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	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 - - 900 110 152	55.0 x 8 55.1 35.0 - 35.4 4.3	2,750 3,980 / 520 1,080 / 1,670 0 - 10PR 10PR 1,400 890 900 110 152	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 	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
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 – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes	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	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	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 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 – rear Ground clearance at lowest point of mast Ground clearance at center of wheelbase Service brakes Parking brakes ELECTRICAL	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	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 – 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 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	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	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 21E
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 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 2 - 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	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	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 39.6 700	55.0 x 8 ·	2,750 3,980 / 520 1,080 / 1,670 2-10PR 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	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  2,70  110	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 – 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	No	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 39.6 700 149	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	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  2,70  110	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	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 / 5 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	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  2,70  110  2,00  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 – 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	No	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 powe	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 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  2,70  110  2,00  4 / 126  power	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
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	No	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 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 -3.0 Solid 1,400 890 -900 110 152 ed, hydraulic echanical 21E 39.6 700 149	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  2,70  110  2,00  4 / 126  power  1 /	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
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 – 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	No	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 powe	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 -3.0 Solid 1,400 890 -900 110 152 ed, hydraulic echanical 21E 39.6 700 149	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  2,70  110  2,00  4 / 126  power	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
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 – 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 Battery	No	5,650 7,710 / 940 2,490 / 3,160 6.5 x 10 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 powe	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 -3.0 Solid 1,400 890 -900 110 152 ed, hydraulic echanical 21E 39.6 700 149	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  2,70  110  2,00  4 / 126  power  1 /	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

### **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			DEN	ED/	25N	FG28N		FD28N		FG30N	
4,000 <i>2,000</i>		5,000	2,500	FD25N 5,000 2,500		5,500	28N 2,800	5,500	2,800	6,000	3,000
4,000			2,500 500					· · · · · ·			
	24 500 24 500 diesel gasoline/LPG			24 500 diesel		24 500 gasoline/LPG		24 500 diesel		24 500 gasoline/LPG	
pneumatic		pneumatic		pneumatic		gasoline/LPG pneumatic		pneumatic		pneumatic	
2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2	
£K	, _	ZX / Z		EX / E		LA I L		ZA / Z		_X / _	
131.5	3,340	131.5	3,340	131.5	3,340	130.5	3,315	130.5	3,315	130.5	3,315
5.5	140	5.5	140	5.5	140	5.7	145	5.7	145	5.7	145
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
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
6° /	10°	6° /	10°	6° /	10°	6° /	10°	6° /	10°	6° /	10°
98.0	2,490	100	2,550	100.0	2,550	104	2,645	104	2,645	107	2,720
45.3	1,150	45.3	1,150	45.3	1,150	50.2	1,275	50.2	1,275	50.2	1,275
64.6	1,640	64.6	1,640	64.6	1,640	67.5	1,715	67.5	1,715	67.5	1,715
84.5	2,145	84.5	2,145	84.5	2,145	85.5	2,165	85.5	2,165	85.5	2,165
44.8	1,137	44.8	1,137	44.8	1,137	46.7	1,187	46.7	1,187	46.7	1,187
82.9	2,105	82.9	2,105	82.9	2,105	83.7	2,125	83.7	2,125	83.7	2,125
180	4,564	180	4,564	180	4,564	178.5	4,536	178.5	4,536	178.5	4,536
86.6	2,200	87.8	2,230	87.8	2,230	91.1	2,315	91.1	2,315	93.7	2,380
17.9	455	17.9	455	17.9	455	19.3	490	19.3	490	19.3	490
105	2,655	106	2,685	106	2,685	110	2,805	110	2,805	113	2,870
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
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
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 / 0.52	98.4 / 98.4	0.50 / 0.50	98.4 / 98.4	0.50 / 0.50
3,960	17,600	3,840	17,100	3,960	17,600	4,990	22,200	3,960	17,600	4,990	22,200
4,520	20,100	4,520	20,100	4,520	20,100	5,800	25,800	4,540	20,200	5,800	25,800
								,	,	-,	
36	· · · · · · · · · · · · · · · · · · ·	30	0.0	31	· · · · · · · · · · · · · · · · · · ·	36		28	3.0	34	1.0
	5.0		· · · · · · · · · · · · · · · · · · ·	31 37	.0	36 43	5.0	28 32			1.0
36	5.0		0.0		.0		5.0				
36	5.0		0.0		.0		5.0				
36 42	3.0	36	0.0 6.0	37	7.0	43	3.0	32	2.0	4	1.0
7,610	3,450	7,990	3,620	8,210	7.0 3,720	9,090	6.0 8.0 4,120	9,330	2. <b>0</b> 4,230	9,400	4,260
7,610 10,060 / 1,550 3,340 / 4,270	3,450 4,720/730 1,510/1,940	7,990 11,570 / 1,420 3,190 / 4,800	3,620 5,450 / 670 1,440 / 2,180	8,210 11,650 / 1,560 3,260 / 4,950	3,720 5,490 / 730 1,480 / 2,240	9,090 12,950 / 1,640 3,670 / 5,420	6.0 8.0 4,120 6,100/770 1,660/2,460	9,330 13,050 / 1,780 3,730 / 5,600	4,230 6,150 / 830 1,690 / 2,540	9,400 13,790 / 1,610 3,860 / 5,540	4,260 6,390 / 870 1,700 / 2,560
7,610 10,060 / 1,550 3,340 / 4,270	3,450 4,720/730 1,510/1,940	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12	3,620 5,450 / 670 1,440 / 2,180	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12	3,720 5,490 / 730 1,480 / 2,240	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1	6.0 8.0 4,120 6,100 / 770 1,660 / 2,460	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x	4,230 6,150 / 830 1,690 / 2,540	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x	4,260 6,390 / 870 1,700 / 2,560
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12	3,450 4,720/730 1,510/1,940 2 - 12PR	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12	3,620 5,450/670 1,440/2,180 2 - 12PR	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12	3,720 5,490 / 730 1,480 / 2,240 2 - 12PR 2 - 12PR	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1	6.0 4,120 6,100 / 770 1,660 / 2,460 15 - 12PR	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 3	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x	4,260 6,390 / 870 1,700 / 2,560 15 - 12PR 15 - 12PR
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 9	3,450 4,720/730 1,510/1,940 2-12PR -10PR	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9	3,620 5,450/670 1,440/2,180 2 - 12PR - 10PR	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 9	3,720 5,490 / 730 1,480 / 2,240 2 - 12PR - 10PR	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1	6,100 / 770 / 1,660 / 2,460 / 15 - 12PR / 10PR	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0	3,450 4,720/730 1,510/1,940 2 - 12PR - 12PR - 10PR 1,600	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR - 10PR 1,600	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9	3,720 5,490/730 1,480/2,240 2 - 12PR 2 - 12PR - 10PR	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8	6,100 / 770 / 1,660 / 2,460 / 15 - 12PR / 1,620	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8	3,450 4,720/730 1,510/1,940 2 - 12PR 2 - 12PR 1,600 960	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8	3,720 5,490/730 1,480/2,240 2 - 12PR 2 - 12PR 1,600 960	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7	6.0 6.100 / 770 1,660 / 2,460 15 - 12PR 15 - 10PR 1,620 1,060	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4	3,720 5,490 / 730 1,480 / 2,240 2 - 12PR 2 - 12PR 1,600 960 1,205	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2	6.10 6.10 6.100 / 770 1.660 / 2.460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7	4,260 6,390 / 870 1,700 / 2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR -10PR 1,600 960 1,205 980	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6	3,450 4,720/730 1,510/1,940 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6	3,720 5,490/730 1,480/2,240 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4	6.10 6.100 / 770 1,660 / 2,460 15 - 12PR 15 - 12PR 1 - 10PR 1 ,620 1 ,060 1 ,200 980 136	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980	8,210 11,650 / 1,560 3,260 / 4,950 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR -10PR 1,600 960 1,205 980	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980
7,610 10,060 / 1,550 3,340 / 4,270 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic	7,990 11,570 / 1,420 3,190 / 4,800 7.0 x 12 7.0 x 12 6.0 x 9 63.0 37.8 47.4 38.6 4.6 6.6	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 2d, hydraulic	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR -10PR 1,600 960 1,205 980 117 167	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 2d, hydraulic	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 2d, hydraulic	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR - 10PR 1,600 960 1,205 980 117 167 2d, hydraulic	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 2d, hydraulic	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 ed, hydraulic	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic schanical	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 sd, hydraulic	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490 / 730 1,480 / 2,240 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 2d, hydraulic	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, mo	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic schanical	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 20d, hydraulic 20chanical	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 20, hydraulic 20chanical	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical	9,400 13,790 / 1,610 3,860 / 5,540 28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, mo	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical
7,610 10,060 / 1,550 3,340 / 4,270 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	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic schanical	7,990 11,570 / 1,420 3,190 / 4,800 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  GK: 53.0 2,7	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 bd, hydraulic echanical 21E 39.6	8,210 11,650 / 1,560 3,260 / 4,950 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	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 bd, hydraulic echanical EG 36.0 177	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250	9,400 13,790 / 1,610 3,860 / 5,540  28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, mo GK 61.0 2,7	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8
7,610 10,060 / 1,550 3,340 / 4,270 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 48.0 2,2	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 sd, hydraulic schanical	7,990 11,570 / 1,420 3,190 / 4,800 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  GK: 53.0 2,7	3,620 5,450 / 670 1,440 / 2,180 2 - 12PR 2 - 12PR 1,600 960 1,205 980 117 167 bd, hydraulic echanical 21E 39.6	8,210 11,650 / 1,560 3,260 / 4,950 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 48.0 2,2	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 bd, hydraulic echanical EG 36.0 177	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250	9,400 13,790 / 1,610 3,860 / 5,540  28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, mo GK 61.0 2,7	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700
7,610 10,060 / 1,550 3,340 / 4,270 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 48.0 2,2 131 1,8	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 2-6 36.0 550 177	7,990 11,570 / 1,420 3,190 / 4,800 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  GK: 53.0 2,7 110 2,0 4 / 126	3,620 5,450 / 670 1,440 / 2,180 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6	8,210 11,650 / 1,560 3,260 / 4,950 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 48.0 2,2 131 1,8 4 / 203	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical EG 36.0 250	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me GK2 61.0 2,7 129 1,6 4 / 152	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 1 - 10PR 1 ,620 1 ,060 1 ,200 980 136 189 ed, hydraulic echanical 25E 45.8 700	9,330 13,050 / 1,780 3,730 / 5,600 28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me	4,230 6,150 / 830 1,690 / 2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250	9,400 13,790 / 1,610 3,860 / 5,540  28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK 61.0 2,7 129 1,6 4 / 152	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700
7,610 10,060 / 1,550 3,340 / 4,270 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 48.0 2,2 131 1,8 4 / 203 powe	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical EG 36.0 250 177 100 4/3.3 rshift	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149 1000 4/2.1 rshift	8,210 11,650 / 1,560 3,260 / 4,950 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 48.0 2,2 131 1,8 4 / 203 powe	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical EG 36.0 250 4/3.3 ershift	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me 6K2 61.0 2,7 129 1,6 4 / 152 powe	4,120 6,100/770 1,660/2,460 85 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 4/2.5 rshift	9,330 13,050 / 1,780 3,730 / 5,600  28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me 48.0 2,2 131 1,8 4 / 203 powee	4,230 6,150/830 1,690/2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177 800 4/3.3 ershift	9,400 13,790 / 1,610 3,860 / 5,540  28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK 61.0 2,7 129 1,6 4 / 152 powee	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 175 500 4/2.5 ershift
7,610 10,060 / 1,550 3,340 / 4,270 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 48.0 2,2 131 1,8 4 / 203 powe	3,450 4,720/730 1,510/1,940 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical EG 36.0 250 177 100 4/3.3 rshift	7,990 11,570 / 1,420 3,190 / 4,800 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	3,620 5,450 / 670 1,440 / 2,180 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical 21E 39.6 700 149 1000 4 / 2.1 reshift	8,210 11,650 / 1,560 3,260 / 4,950 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 48.0 2,2 131 1,8 4 / 203 powe	3,720 5,490/730 1,480/2,240 2-12PR 2-12PR 1,600 960 1,205 980 117 167 ed, hydraulic echanical EG 36.0 250 177 300 4/3.3 ershift	9,090 12,950 / 1,640 3,670 / 5,420 28 x 9 x 1 28 x 9 x 1 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me 6K2 61.0 2,7 129 1,6 4 / 152 powe	4,120 6,100/770 1,660/2,460 15 - 12PR 15 - 12PR 1 - 10PR 1 ,620 1 ,060 1 ,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 175 500 4/2.5 rrshift	9,330 13,050 / 1,780 3,730 / 5,600  28 x 9 x 28 x 9 x 6.5 x 10 63.8 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me 48.0 2,2 131 1,8 4 / 203 powee	4,230 6,150/830 1,690/2,540 15 - 12PR 15 - 12PR 0 - 10PR 1,620 1,060 1,200 980 136 189 ed, hydraulic echanical EG 36.0 250 177	9,400 13,790 / 1,610 3,860 / 5,540  28 x 9 x 28 x 9 x 6.5 x 10 66.9 41.7 47.2 38.6 5.4 7.4 foot-operate hand, me  GK 61.0 2,7 129 1,6 4 / 152 powee	4,260 6,390/870 1,700/2,560 15 - 12PR 15 - 12PR 0 - 10PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8 700 175 500 4/2.5 ershift

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	CHARACTERISTICS			FD3	SON	FG3	3N	FD3	3N	FG3	5N
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	Power			sel	gasolin	ne/LPG	dies	sel	gasolin	ie/LPG
4	Tire type			pneur	matic	pneur	matic	pneumatic		pneur	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	in	mm	5.7	145	5.9	150	5.9	150	5.9	150
8	Fork dimensions – length x width x thickness		mm	l	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°		6° / 10°		6° / 10°		6° /	
11	Length to fork face		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	1,275	50.2	1,275	50.8	1,290
13	Overall width with optional duals		mm	67.5	1,715	67.5	1,715	67.5	1,715	67.5	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	2,100 1,187	90.5 46.7	2,299 1,187	90.5 46.7	2,299 1,187	46.7	2,299 1,187
16	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		mm	93.7	2,380	95.7	2,430	95.7	2,430	96.1	2,440
19	Load moment constant		mm	19.3	490	19.3	490	19.3	490	19.5	495
20		in	mm	113	2,870	115	2,920	115	2,920	116	2,935
	PERFORMANCE										
21	Travel speed, loaded / empty	mph /	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	Lift speed, loaded / empty	fpm n	mm/s	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		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	3,960	17,600	4,610	20,500	3,620	16,100	4,610	20,500
25	Drawbar pull loaded maximum (5-minute rating)	lb	N	4,540	20,200	5,310	23,600	4,140	18,400	5,310	23,600
	( 3)			26.0		29.0		22.0		27.0	
26	, , , ,		30.0				25.0			.0	
26			-								
26	Gradeability maximum, loaded / empty	%	-			33.				32	
27	Gradeability maximum, loaded / empty WEIGHT	%		30	0.0	33.	3.0	25.	5.0	32	2.0
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	2. <b>0</b> 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	kg	9,640	<b>4,370</b>	10,150	4,600	10,390	i. <b>0</b> 4,710	10,340	2. <b>0</b> 4,690
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 lb lb	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	10,390 14,700 / 2,190 3,890 / 6,500	4,710 6,920 / 1,040 1,760 / 2,950	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 Ib Ib Ii	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	33. 10,150 14,590 / 2,060 3,790 / 6,360 250 x 15	4,600 6,880/970 1,710/2,890	25. 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 / 6,640 250 x 15	4,690 7,250/940 1,680/3,010
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	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 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 5 - 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 Ib Ib in in 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	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR ) - 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 5 - 12PR
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)	% 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 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 5 - 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 Ib Ib in in 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	4,370 6,550 / 820 1,770 / 2,600 15 - 12PR 15 - 12PR ) - 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 5 - 12PR
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	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	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	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
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 in in in	kg kg kg kg li li li 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	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 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 in in in in	kg kg kg ll	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 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 0 - 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 in in in in in	kg kg kg kg li	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	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 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 Ib Ib in	kg kg kg kg li	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	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
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 type	kg kg kg kg la	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	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 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	% Ib Ib Ib in	kg kg kg kg la	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	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 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 in in in in in in in type	kg kg kg kg la	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	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
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	lb lb lb in in in in in in type	kg kg kg kg ll	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 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	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	lb lb lb in in in in in in type	kg 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 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 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	lb lb lb in in in in in in the type the type at rpu	kg 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  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 0 - 12PR 1,700 1,060 1,200 980 136 189 ed, hydraulic echanical 25E 45.8	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	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 25E 45.8
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 – 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	lb lb lb lb in in in in in in type type lb-ft	kg kg kg kg kg ll	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	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	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 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  Maximum torque S.A.E. gross	lb lb lb in in in in in in the type the type at rpu	kg kg kg kg kg ll	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	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	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 2,70 129 1,60	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	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 15 - 12PR 0 - 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	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	lb lb lb lb in in in in in in type type lb-ft	kg kg kg kg kg ll	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	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	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 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  Maximum torque S.A.E. gross	lb lb lb lb lb lb lin in in in in in the type lb-ft at rpu	kg kg kg kg kg ll	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	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 2,70 129 1,60	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 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 2,7 129	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 – 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	lb lb lb lb lb lb lin in in in in in the type lb-ft at rpu	kg kg kg kg kg ll	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 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	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 45.8 700 175 500 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-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 36.0 250 177	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 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 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	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	lb lb lb lb lb lb lin in in in in in the type lb-ft at rpu	kg kg kg kg kg ll	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 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	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  1,80  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 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 rshift
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 – 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	lb lb lb in in in in in in type type the type at rpi lb-ft at rpi cu in	kg kg kg kg land mm mm mm mm mm mm mm 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  66.5 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 45.8 700 175 600 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	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 15 - 12PR 0 - 12PR 1,700 1,060 1,200 980 146 202 ed, hydraulic echanical 25E 45.8 700 175 600 4/2.5 ershift
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 – 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	lb lb lb in in in in in in type type the type at rpi lb-ft at rpi cu in	kg kg kg kg kg kg land land land land land land land land	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 45.8 700 175 600 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	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 15 - 12PR 1,700 1,060 1,200 980 146 202 2d, hydraulic 25E 45.8 700 175 600 4/2.5 rshift / 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.

FD35N								
7,000	3,500							
24	500							
	sel							
pneumatic								
2x	/2							
101 5	0.050							
131.5 5.9	3,350							
2.0 x 42.0 x 4.9	150 50x 1,070x 125							
9.8 / 39.4	250 / 1,000							
6° /								
110	2,790							
50.8	1,290							
67.5	1,715							
90.5	2,299							
46.7	1,187							
84.3	2,140							
180	4,566							
96.1	2,440							
19.5	495							
116	2,935							
10.3 / 11.2	16.5 / 18.0							
80.7 / 84.6	0.41 / 0.43							
98.4 / 98.4	0.50 / 0.50							
3,620	16,100							
4,140	18,400							
21	1.0							
24	1.0							
10,590	4,800							
15,500 / 2,130	7,300 / 1,000							
3,820 / 6,770	1,730 / 3,070							
250 x 15	5 - 16PR							
	15 - 12PR							
6.5 x 10								
66.9	1,700							
41.7	1,060							
47.2	1,200							
38.6	980							
5.7	146							
8.0	202							
foot-operate								
hand, mechanical								
ΛI	EG							
48.0	36.0							
2,2								
131	177							
	300							
4 / 203	4/3.3							
powe	ershift							

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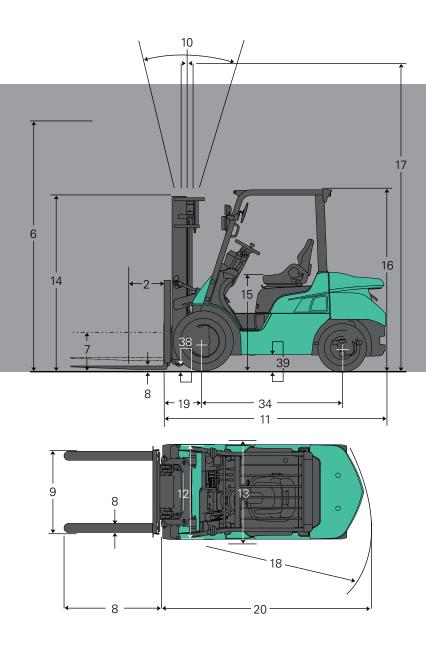
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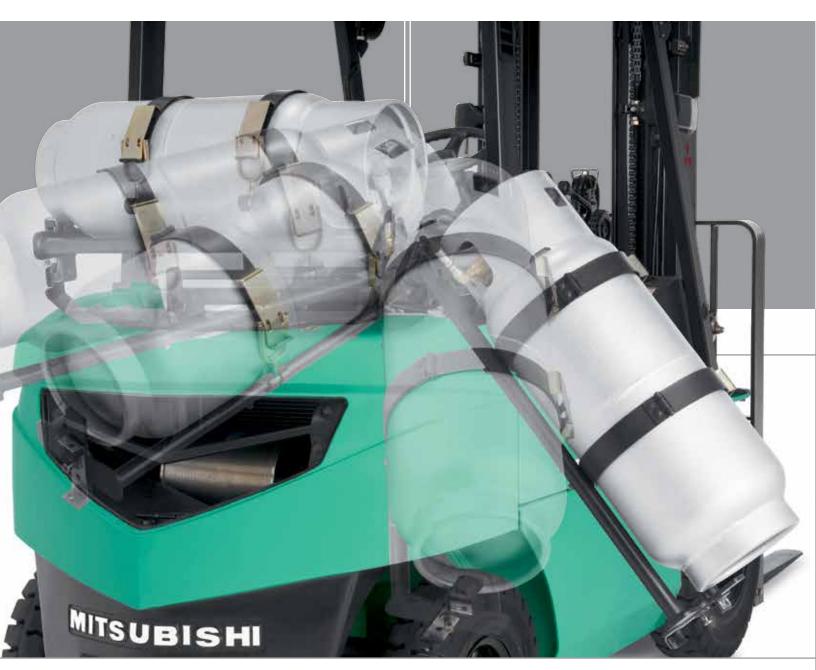
Call-out numbers shown in the diagram below correspond to the first column of the specifications chart.

### 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.
- Light, strobe and alarm packages 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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MECV0070 03/18