

ERC-VG

Electric Powered Cushion Tire Trucks

4,500 · 5,000 · 5,500 · 6,000 · 6,500 · 7,000 lbs

Yale® ERC-VG electric trucks are available in 4,500 - 7000 pound capacities designed for demanding applications that require clean, quietrunning, heavy duty capability. These trucks are extremely maneuverable and offer plenty of power and high stacking ability, while also offering excellent ergonomics, reliability and maintenance ease.

AC Transistor Traction Control

AC technology offers smooth acceleration and directional changes, proportional regenerative braking and the Auto Deceleration System. The controller converts battery power to three phase AC power, and adjusts frequency and current to meet performance demands. Performance control settings and extensive diagnostics are accessible by technicians through the display or a PC. A Vehicle Systems Manager utilizing CANbus technology monitors and controls key truck components and systems. The advanced thermal management system monitors component temperature and gradually adjusts performance to prevent damage to key components.

Controller Area Network (CANbus)

CANbus technology streamlines communications between truck systems through one main master controller, the Vehicle System Manager (VSM). Display, traction controller and pump controller are all controlled via the CANbus network. A connection point is provided for interface with a service PC.

Intellix VSM acts as a master truck controller, providing extensive monitoring and control of truck functions and systems. CANbus technology reduces wiring complexity and enables comprehensive communications between truck systems. The ergonomically

positioned display transmits continual feedback to the operator and allows for communication of truck status and service indicators.

Electrical System

The ERC-VG forklift utilizes AC motor technology designed for exceptional performance. It uses a brushless induction motor for high starting torque and smooth rapid acceleration. A speed sensor provides feedback to the electrical system, allowing motor speed and direction to be continuously monitored.

Power-assist braking

Power-assist braking is accomplished via the VSM. The VSM monitors brake line pressure. When this pressure exceeds a set threshold the VSM sends a signal to the traction controller to decelerate the traction motor proportionally to the brake pressure. The higher the brake pedal pressure being applied, the more quickly the truck will decelerate. Duo-servo hydraulic brakes are self-adjusting and self-energizing for reduced pedal effort. The master cylinder is sealed and has an external fluid level sensor connected to a warning indicator on the display. A foot applied/hand-released parking brake is manually adjustable and has an audible warning if the operator leaves the truck without applying the brake. The standard Auto Deceleration System automatically slows the truck when the operator's foot is removed from the accelerator pedal, extending brake life.

Voltage

36, 48, and 80-volt systems are available in multiple battery compartment sizes to meet a variety of application requirements. The optional Premium Performance

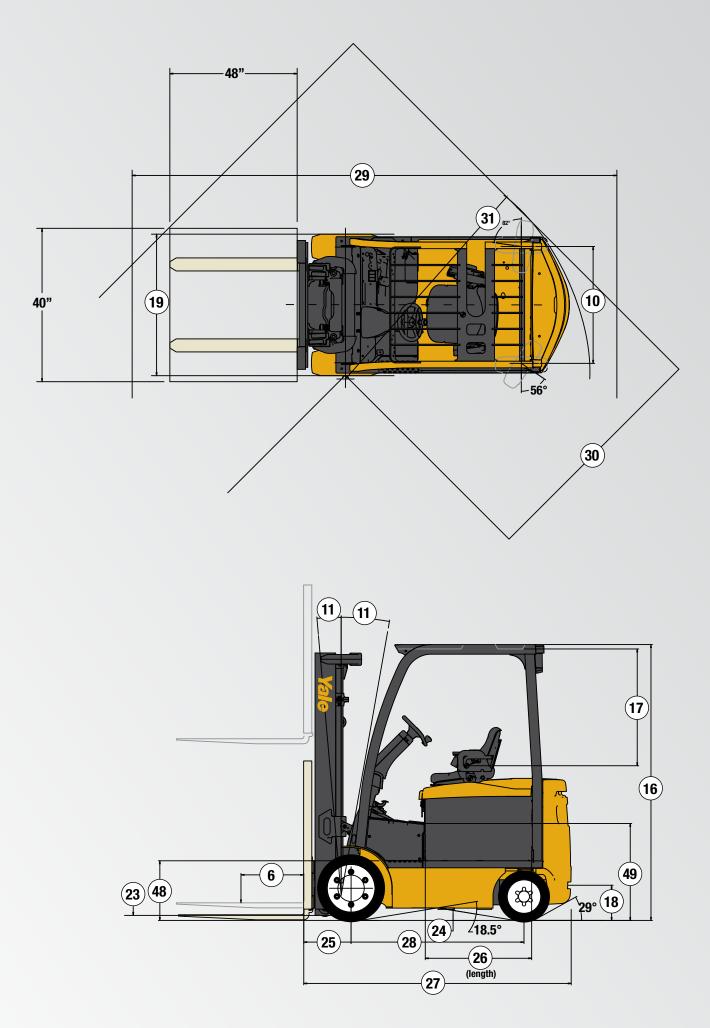
Package (48v / 80v) provides up to a 12% improvement in traction performance and 10% increase in hydraulic performance over the standard configuration. An operator presence system reduces the possibility of inadvertent truck movement.

Operator Interface Display

The repositioned display is conveniently located in the upper right area of the operator's compartment. The LCD display includes an hour meter, battery discharge indicator with lift interrupt, seat belt reminder and digital clock. Additional indicators are provided for travel direction, performance mode, brake fluid level, park brake and truck status. The display also permits access for service technicians to adjust performance control settings, allowing the truck to be customized to meet customer applications. Additionally, extensive diagnostics allow service technicians to quickly troubleshoot problems. Operator selectable performance modes are standard. Options for operator passwords and a preshift operator checklist are also available.

(continued on inside back cover)





	_	Manufacturer							ile			
GENERAL	_	Model Designation							45VG			
H		Power							etric			
		Operation						S	it			
ច		Rated Capacity			lb (kg)	4500 (2041)						
	6	Load Center			in (mm)	24 (610)						
		Tire Type - Cushion, Solid,	Pneumatic, etc.	Drive/Steer		Cushion/Cushion						
TIRES	8	Tire Size		Drive/Steer	in	21 x 7 x 15 /16 x 5 x 10.5						
IΞ	9	Wheels - Number	X=Driven	Drive/Steer		2X/2						
М	10	Tread	¢ Tires Sto	Dr/Wide Dr/Steer	in (mm)	35.1/41.9/37 (892/1064/940)						
	11	Mast Tilt		Std Opt Opt	degrees			5F/5B 10F	/5B (5F/4B)			
	12	Mast - Lowered Height		Std Mast	in (mm)			83 (2	2085)			
	13	Free Lift - Top of Fork	Std 2 Stg Limi	ted Free Lift Mast	in (mm)			5 (1	40)			
		Opt 2 Stg Full Free Lift Ma:			in (mm)				60/1525)			
	14	Lift Height - Top of Fork	Std 2 Sta Limi	ted Free Lift Mast	in (mm)			125 (
		Mast - Extended Height		with/without LBR	in (mm)				H415/3740)			
		Overhead Guard Height	Std/Drive in Rack/		in (mm)		88	,	248/2248/2197/213	:7)		
		SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)			38.3/37.4/37.3		,		
		Tow Pin Height	•	tical Center of Pin	in (mm)			11 (· · · · · · · · · · · · · · · · · · ·			
		Overall Width		Tread/Wide Tread	in (mm)			42.1/48.9 (/			
S		Forks		x Width x Length	in (mm)			1.6 x 3.9 x 42 (4				
lá		Standard Carriage Width	THICKHESS	Class II	in (mm)			38.5				
DIMENSIONS		Floor to Top of Battery Roll	l ere	UIASS II	in (mm)			17.2	· ·			
旨		Ground Clearance	Lowest Point	NL/RL	in (mm)				(91/85)			
Σ		Ground Clearance		NL/RL	` '							
		Load Distance										
		Battery Compartment		th Battery Rollers	in (mm) 15.4 (390) lers in (mm) 23.9/23.3 (607/593)							
	20	Dattery Compartment	Width	lii ballery nollers	in (mm)				, ,			
	_		Widui	Nominal	in (mm) SIZE	27"		39.1	. ,	33"		
			Longth	Actual								
	07	I awadh da Fasa af Faula	Length	Actual	in (mm)	27.6 (700)		30.9	. ,	33.3 (847)		
		Length to Face of Forks Wheelbase	Chassis Length		in (mm)	79.4 (2016)		82 (2		84.3 (2143)		
					in (mm)	48.4 (1230)		51.8 (54.2 (1377)		
		Right Angle Stack	00° L. L		in (mm)	131.7 (3344)		135.2	, ,		137.5 (3493)	
		Equal Aisle	90° Intersecting Aisle		in (mm)	71.7 (1822)		72.3 (73.1 (1858)	
		Outside Turning Radius			in (mm)	68.3 (1735)		71.9 (74.2 (1884)	
13		Truck Weight	Without Battery	NL NL	lb (kg)	6620 (3003)	20)		(2830)	40	6280 (2849)	
×		Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)						86/12152 (1989/5512)	
	34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)					796/2529 (2629/1147)		
					VOLTO		eriormance			ium Periori	mance Package	
	20	Travel Creed	E-decided Obits OFF	All /DI	VOLTS	36	11.0/-	48	48	(00 C)	80	
	30	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.9/9.9 (17.6/15.9)		11.3 (18.2/18.2)	12.3/12.8 (19.8		12.3/12.5 (19.8/20.1)	
	07	L'a O I	Extended Shift ON	NL/RL	mph (km/h)	9.8/8.8 (15.8/14.2)		9.9 (17.2/15.9)	12.2/12.4 (19.7)		12.2/12.3 (19.7/19.8)	
	3/	Lift Speed	Std 2 Stg LFL Mast	NL/RL	` /	100/59 (0.51/0.3)		/79 (0.63/0.4)	142/102 (0.72/		142/102 (0.72/0.52)	
ш			Opt 2 Stg FFL Mast	NL/RL	. (,	93/59 (0.47/0.3)		81 (0.63/0.41)	130/98 (0.66/		130/98 (0.66/0.5)	
Ş			Opt 3 Stg FFL Mast		ft/min (m/sec)	94/59 (0.48/0.3)		/79 (0.63/0.4)	134/100 (0.68/		134/100 (0.68/0.51)	
₫	20	I awar Canad	Opt 4 Stg FFL Mast	NL/RL	` /	96/59 (0.49/0.3)	0.67	7/79 (0.63/0.4)	136/100 (0.69/	u.51)	136/100 (0.69/0.51)	
PERFORMANCE	36	Lower Speed	Std 2 Stg LFL Mast	NL/RL	` /				0.51/0.57)			
유			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)			91/102 (0				
뜌			Opt 3 Stg FFL Mast	NL/RL	` '			93/106 (0				
ā	20	Overdenkiii	Opt 4 Stg FFL Mast	NL/RL	` '	00/00		77/89 (0	· · · · · · · · · · · · · · · · · · ·		00/04	
	39	Gradeability	5 Minute Rating	NL/RL	%	39/23		40/25	39/27		39/34	
	40		60 Minute Rating	NL/RL	%	14/8		15/9	25/16		32/20	
	40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3373/3202		3486/3306	3773/3946		3773/4968	
		Duelee	60 Minute Rating	NL/RL	lbf	1317/1178		1402/1262	2545/2375)	3208/3026	
	41	Brake	Method of Control	Service/Parking					Mechanical (Fact			
	40	Dotton	Method of Operation	Service/Parking					/Foot			
	42	Battery		Туре		0111.0			Acid	D	maran Dankana	
O					VOLTO	Standard Pe	eriormance			iuiii Pertori	mance Package	
ıĕ	10	Total Control		00.141	VOLTS	36		48	48		80	
ECTRIC		Traction Motor		60 Minute Rating	hp (kW)	24.7 (18.4)		24.7 (18.4)	31.6 (23.6)		31.6 (23.6)	
ĮΨ		Pump Motor		15% Rating	hp (kW)	16.6 (12.4)	1	22.4 (16.7)	31.8 (23.7)		32.2 (24)	
固	_	Traction Motor	•	e/Control Method				AC/Tra				
		Pump Motor	Тур	e/Control Method				AC/Tra				
		Number of Speeds		Traction/Pump				Infinitely Variable	•			
		Step Height	Г		in (mm)			18.7	` /			
		Floor Height		Lowest Point	in (mm)				· /			
П												
圓		Attachment Relief Pressure	T .		psi (bar)							
OTHER	51	Attachment Relief Pressure Auxiliary Oil Flow Sound Level	3rd	and 4th Function per ANSI B56.11.5	gal/min (l/min)	60		2250 11 60			65	

		Manufacturer							ale				
I₹	2	Model Designation						ERCO	50VG				
Щ	3	Power						Ele	ctric				
GENERAL	4	Operation							iit				
ᄖ	5	Rated Capacity			lb (kg)			5000	(2268)				
		Load Center			in (mm)	24 (610)							
	_	Tire Type - Cushion, Solid,	Pneumatic. etc.	Drive/Steer	, ,	Cushion / Cushion							
S		Tire Size	Thounday oto	Drive/Steer	in	21 x 7 x 15 / 16 x 5 x 10.5							
TIRES		Wheels - Number	X=Driven	Drive/Steer		21 x / x 10 / 10 x 5 x 10.5							
		Tread	-	d Dr/Wide Dr/Steer	in (mm)								
			¢ illes Sit		in (mm)		35.1/41.9/37 (892/1064/940)						
		Mast Tilt		Std Opt Opt	degrees				/5B (5F/4B)				
	_	Mast - Lowered Height		Std Mast	in (mm)			,	2085)				
	13	Free Lift - Top of Fork		ted Free Lift Mast	in (mm)				40)				
	ш	Opt 2 Stg Full Free Lift Ma	1		in (mm)				60/1525)				
		Lift Height - Top of Fork	-	ted Free Lift Mast	in (mm)				3192)				
	15	Mast - Extended Height	Std Mast	with/without LBR	in (mm)			174/148 (4	1415/3740)				
	16	Overhead Guard Height	Std/Drive in Rack/	Opt/Opt Flat Plate	in (mm)		88	3.5/88.5/86.5/84.1 (2	2248/2248/2197/213	37)			
	17	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)			38.3/37.4/37.3	(975/950/948)				
	18	Tow Pin Height	Ver	tical Center of Pin	in (mm)			11 (280)				
		Overall Width	Standard	Tread/Wide Tread	in (mm)			42.1/48.9 (1070/1242)				
SS		Forks	Thickness	x Width x Length	in (mm)			1.6 x 3.9 x 42 (4	10 x 100 x 1067)				
0		Standard Carriage Width		Class II	in (mm)			38.5	(977)				
SS		Floor to Top of Battery Roll	ers		in (mm)			17.2	(436)				
回	_	Ground Clearance	Lowest Point	NL/RL	in (mm)				(91/85)				
DIMENSIONS		Ground Clearance	Center of Truck	NL/RL	in (mm)				(98/92)				
لتر	_	Load Distance	Center of Wheel to Face of F	· · · · · · · · · · · · · · · · · · ·	in (mm)				(390)				
	-	Battery Compartment	Height Without/Wi	th Battery Rollers	in (mm)				(607/593)				
			Width		in (mm)				(992)				
				Nominal	SIZE	27"			0"	33"			
	\vdash		Length	Actual	in (mm)	27.6 (700)			(786)	33.3 (847)			
	27	Length to Face of Forks	Chassis Length	710144	in (mm)	80.3 (2040)		82.8			84.3 (2143)		
		Wheelbase	Onassis Longin		in (mm)	48.4 (1230)		51.8	<u> </u>	54.2 (1377)			
	_	Right Angle Stack			in (mm)	132.5 (3366)		135.2	<u> </u>		137.5 (3493)		
	-	Equal Aisle	90° Intersecting Aisle		, ,	71.8 (1823)		72.5	` '		73.1 (1858)		
		Outside Turning Radius	90 Intersecting Alsie		in (mm) in (mm)	69.2 (1757)			<u> </u>				
		outside furfilling Radius			10 (0000)	09.2(1/0/)		71.9	1020)	74.2 (1884)			
		Truck Weight	Without Dottom	AII		lb (kg) 7030 (3189) 6670 (3025)					· '		
Ŀ	32	Truck Weight	Without Battery	NL NI /DI	lb (kg)	7030 (3189)	55)		, ,	12	6280 (2849)		
WT.	32 33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg) lb (kg)	7030 (3189) 3844/12907 (1744/585		4114/12911	(1866/5856)		6280 (2849) 86/13015 (1989/5904)		
WT.	32 33	•	•		lb (kg)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109	5)	4114/12911 6053/2255	(1866/5856) (2746/1023)	5	6280 (2849) 86/13015 (1989/5904) 8796/2166 (2629/982)		
WT.	32 33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg) lb (kg) lb (kg)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Po	5)	4114/12911 6053/2255	(1866/5856) (2746/1023) Prem	5	6280 (2849) 86/13015 (1989/5904) 796/2166 (2629/982) mance Package		
WT.	32 33 34	Axle Loading - Drive Axle Loading - Steer	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery	NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pt	5) erformance	4114/12911 6053/2255 e 48	(1866/5856) (2746/1023) Prem 48	ium Perfor	6280 (2849) 86/13015 (1989/5904) 796/2166 (2629/982) mance Package 80		
WT.	32 33 34	Axle Loading - Drive	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF	NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h)	7030 (3189) 3844/12907 (1744/585) 6477/2414 (2938/109) Standard Pi 36 10.7/9.6 (17.3/15.4)	erformance	4114/12911 6053/2255 e 48 11.3 (18.2/18.2)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8	ium Perfor /20.6)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1)		
WT.	32 33 34 36	Axle Loading - Drive Axle Loading - Steer Travel Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON	NL/RL NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14)	5) erformance 11.3/ 10.6/	4114/12911 6053/2255 e 48 11.3 (18.2/18.2) 9.8 (17.1/15.8)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7	5ium Perfor /20.6) /19.9)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7)		
WT.	32 33 34 36	Axle Loading - Drive Axle Loading - Steer	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28)	5) erformance 11.3/ 10.6/ 124/	4114/12911 6053/2255 8 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7 142/96 (0.72/0	5ium Perfor /20.6) /19.9) 0.49)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49)		
	32 33 34 36	Axle Loading - Drive Axle Loading - Steer Travel Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard P 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29)	11.3/ 10.6/ 124/	4114/12911 6053/2255 8 48 11.3 (18.2/18.2) 19.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8, 12.2/12.4 (19.7, 142/96 (0.72/0, 130/93 (0.66/0,	5ium Perfor /20.6) /19.9) 0.49)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47)		
	32 33 34 36	Axle Loading - Drive Axle Loading - Steer Travel Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) '9.8 (17.1/15.8) '75 (0.63/0.38) '77 (0.63/0.39) '77 (0.63/0.39)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48)		
	32 33 34 36 37	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	lb (kg) lb (kg) lb (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard P 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 48 11.3 (18.2/18.2) '9.8 (17.1/15.8) '75 (0.63/0.38) '77 (0.63/0.39) '77 (0.63/0.39) '75 (0.63/0.38)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8. 12.2/12.4 (19.7. 142/96 (0.72/0. 130/93 (0.66/0. 134/94 (0.68/0. 136/94 (0.69/0.	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47)		
	32 33 34 36 37	Axle Loading - Drive Axle Loading - Steer Travel Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) '9.8 (17.1/15.8) '75 (0.63/0.38) '77 (0.63/0.39) '77 (0.63/0.39) '75 (0.63/0.38)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57)	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48)		
	32 33 34 36 37	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) '9.8 (17.1/15.8) '75 (0.63/0.38) '77 (0.63/0.39) '77 (0.63/0.39) '75 (0.63/0.38) 100/112 ((1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57)	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48)		
	32 33 34 36 37	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.39) 775 (0.63/0.38) 100/112 (91/106 (0	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57) 0.46/0.54)	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48)		
PERFORMANCE WT.	32 33 34 36 37 38	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg LFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pi 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 (6 77/91 (0	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46)	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48)		
	32 33 34 36 37 38	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 4 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 (0.77/91 (0.63/2)	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46)	/20.6) /19.9) 0.49) 0.47)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48)		
	32 33 34 36 37 38 38	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 4 Stg FFL Mast Opt 3 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 (0 77/91 (0 36/21	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46)	5 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48)		
	32 33 34 36 37 38 38	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Minute Rating Minute Rating Minute Rating	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152	5) 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908	55ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926		
	32 33 34 36 37 38 38 40	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 4 Stg FFL Mast Opt 3 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29)	5) 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 (0 77/91 (0 36/21	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46)	55ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48)		
	32 33 34 36 37 38 38 40	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast St Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152	5) 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908	55ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926		
	32 33 34 36 37 38 39 40 41	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Stg FFL Mast Opt 4 Stg FFL Mast Minute Rating 60 Minute Rating 60 Minute Rating	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152	5) 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic /	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2348	55ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926		
	32 33 34 36 37 38 39 40 41	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast St Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152	5) 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 99.8 (17.1/15.8) 775 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2348	55ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926		
PERFORMANCE	32 33 34 36 37 38 39 40 41	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast St Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 99.8 (17.1/15.8) 775 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926		
PERFORMANCE	32 33 34 36 37 38 39 40 41	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast St Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 99.8 (17.1/15.8) 775 (0.63/0.38) 777 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.68/0 136/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993		
PERFORMANCE	32 33 34 36 37 38 38 40 41	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993		
ECTRIC PERFORMANCE	32 33 34 36 37 38 38 40 41 42	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking Type	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) VOLTS	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 99.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 775 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80		
	32 33 34 36 37 38 39 40 41 42 42 43 44	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7)	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ECTRIC PERFORMANCE	32 33 34 36 37 38 38 40 41 42 42 43 44 45	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tr.	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) 39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7)	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ECTRIC PERFORMANCE	32 33 34 36 37 38 39 40 41 42 42 43 44 45 46	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tri AC / Tri	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ECTRIC PERFORMANCE	32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tre Infinitely Variable	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ELECTRIC PERFORMANCE	32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 975 (0.63/0.38) 977 (0.63/0.39) 975 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tri Infinitely Variable 18.7	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor ansistor	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ELECTRIC PERFORMANCE	32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48 49	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating 15% Rating 16/Control Method Traction/Pump	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 975 (0.63/0.38) 977 (0.63/0.39) 975 (0.63/0.38) 100/112 (93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tri Infinitely Variable 18.7	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor ansistor / Infinitely Variable (475) (772)	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ELECTRIC PERFORMANCE	32 33 34 36 37 38 39 40 41 42 42 43 44 45 46 47 48 49 50	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height Attachment Relief Pressur	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std Dinute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) in (m/sec) in (mm) in (mm) psi (bar)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (91/106 ((93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tr. Infinitely Variable 18.7 30.4 2250	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor ansistor / Infinitely Variable (475) (772) (155)	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		
ECTRIC PERFORMANCE	33 34 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Axle Loading - Drive Axle Loading - Steer Travel Speed Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height	Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Static w/ Max. Wt. Battery Extended Shift OFF Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std Dinute Rating 60 Minute Rating 5 Minute Rating Method of Control Method of Operation Typ Typ Typ Typ Typ Typ Typ Typ Typ Ty	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating 15% Rating 16/Control Method Traction/Pump	Ib (kg) Ib (kg) Ib (kg) VOLTS mph (km/h) mph (km/h) ft/min (m/sec) in (m/sec) in (mm) in (mm) psi (bar)	7030 (3189) 3844/12907 (1744/585 6477/2414 (2938/109 Standard Pr 36 10.7/9.6 (17.3/15.4) 9.7/8.7 (15.6/14) 100/55 (0.51/0.28) 93/57 (0.47/0.29) 94/57 (0.48/0.29) 96/57 (0.49/0.29) 35/20 13/7 3358/3152 1295/1129 Standard Pr 36 24.7 (18.4)	5) erformance 11.3/ 10.6/ 124/ 124/ 124/	4114/12911 6053/2255 9 48 11.3 (18.2/18.2) 9.8 (17.1/15.8) 75 (0.63/0.38) 77 (0.63/0.39) 77 (0.63/0.39) 77 (0.63/0.38) 100/112 (91/106 ((93/108 ((77/91 (0 36/21 14/8 3464/3257 1380/1212 Hydraulic / Foot Leac 9 48 24.7 (18.4) 22.4 (16.7) AC / Tr. Infinitely Variable 18.7 30.4 2250	(1866/5856) (2746/1023) Prem 48 12.3/12.8 (19.8 12.2/12.4 (19.7) 142/96 (0.72/0 130/93 (0.66/0 134/94 (0.69/0 0.51/0.57) 0.46/0.54) 0.47/0.55) .39/0.46) 39/25 25/15 3773/3908 2545/2345 Mechanical / Foot Acid Prem 48 31.6 (23.6) 31.8 (23.7) ansistor ansistor / Infinitely Variable (475) (772)	55 ium Perfor /20.6) /19.9) 0.49) 0.47) 0.48) 0.48)	6280 (2849) 86/13015 (1989/5904) 7796/2166 (2629/982) mance Package 80 12.3/12.5 (19.8/20.1) 12.2/12.2 (19.7/19.7) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 136/94 (0.69/0.48) 39/33 32/19 3773/4926 3208/2993 mance Package 80 31.6 (23.6)		

		Manufacturer					Ya					
₹	2	Model Designation					ERC0					
GENERAL	3	Power					Elec	tric				
	=	Operation					S	it				
ច	5	Rated Capacity			lb (kg)	5500 (2495)						
	6	Load Center			in (mm)	24 (610)						
	7	Tire Type - Cushion, Solid,	Pneumatic, etc.	Drive/Steer		Cushion / Cushion						
TIRES	8	Tire Size		Drive/Steer	in	21 x 7 x 15 / 16 x 5 x 10.5						
I≝	9	Wheels - Number	X=Driven	Drive/Steer		2X/2						
м	10	Tread	¢ Tires Sto	Dr/Wide Dr/Steer	in (mm)	35.1/41.9/37 (892/1064/940)						
	_	Mast Tilt	1.	Std Opt Opt	degrees		5F/5B 10F/	,				
	_	Mast - Lowered Height		Std Mast	in (mm)		83 (2	<u>'</u>				
	_	Free Lift - Top of Fork	Std 2 Sta Limi	ted Free Lift Mast	in (mm)		5 (1	,				
	<u>.</u>	Opt 2 Stg Full Free Lift Ma			in (mm)		33/60 (8	· · · · · · · · · · · · · · · · · · ·				
	14	Lift Height - Top of Fork	1	ted Free Lift Mast	in (mm)		125 (
	=	Mast - Extended Height	· -	with/without LBR	in (mm)		174/148 (4					
	_	Overhead Guard Height	Std/Drive in Rack/		in (mm)		88.5/88.5/86.5/84.1 (2	,				
		SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)		38.3/37.4/37.3					
	_	Tow Pin Height	 '	tical Center of Pin	` '		30.3/37.4/37.3	· ,				
		Overall Width		Tread/Wide Tread	in (mm)			/				
S		Forks		x Width x Length	in (mm) in (mm)		42.1/48.9 (1.6 x 3.9 x 42 (4	· · · · · · · · · · · · · · · · · · ·				
NO.		Standard Carriage Width	THICKHESS	Class II	` '		1.6 x 3.9 x 42 (4 38.5					
Si		Floor to Top of Battery Roll	ore	UIASS II	in (mm)			, ,				
	-			NL/RL	in (mm)		17.2	,				
DIMENSIONS	_	Ground Clearance Ground Clearance	Lowest Point Center of Truck	NL/RL	in (mm)		3.6/3.3					
Ω	_	Load Distance	Center of Truck Center of Wheel to Face of F		in (mm)		3.9/3.6	, ,				
	_				in (mm)		15.4	,				
	20	Battery Compartment	+ ·	th Battery Rollers	in (mm)		23.9/23.3					
			Width	No to I	in (mm)		39.1	, ,				
				Nominal	SIZE		33					
			Length	Actual	in (mm)		33.3					
		Length to Face of Forks	Chassis Length		in (mm)		85.1 (
	=	Wheelbase			in (mm)		54.2 (,				
	_	Right Angle Stack			in (mm)		137.9	, ,				
	_	Equal Aisle	90° Intersecting Aisle		in (mm)		73.8 (
	_	Outside Turning Radius			in (mm)	74.5 (1893)						
l e		Truck Weight	Without Battery	NL	lb (kg)	6710 (3044)						
¥	=	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)		4313/13806	·				
	34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)		6289/2297	,				
						Standard Po		Performance				
					VOLTS	36	48	48	80			
	36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.7/9.4 (17.3/15.1)	11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)			
			Extended Shift ON	NL/RL	mph (km/h)	9.6/8.5 (15.5/13.7)	10.5/9.6 (16.9/15.5)	12.2/12.4 (19.7/19.9)	12.2/12.2 (19.7/19.7)			
	37	Lift Speed	Std 2 Stg LFL Mast	NL/RL	` '	100/53 (0.51/0.27)	124/71 (0.63/0.36)	142/93 (0.72/0.47)	142/93 (0.72/0.47)			
111			Opt 2 Stg FFL Mast	NL/RL	(,	93/57 (0.47/0.29)	124/75 (0.63/0.38)	130/89 (0.66/0.45)	130/89 (0.66/0.45)			
Ö			Opt 3 Stg FFL Mast		ft/min (m/sec)	94/55 (0.48/0.28)	124/73 (0.63/0.37)	134/91 (0.68/0.46)	134/91 (0.68/0.46)			
¥			Opt 4 Stg FFL Mast	NL/RL	, ,	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)			
Ş	38	Lower Speed	Std 2 Stg LFL Mast	NL/RL	` /		100/114 (
PERFORMANCE			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)		91/108 (0	· · · · · · · · · · · · · · · · · · ·				
ŭ			Opt 3 Stg FFL Mast	NL/RL	` '		93/110 (0					
4			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)		77/91 (0.	· · · · · · · · · · · · · · · · · · ·				
	39	Gradeability	5 Minute Rating	NL/RL	%	34/19	34/20	36/24	36/30			
			60 Minute Rating	NL/RL	%	12/7	13/8	24/14	31/18			
	40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3350/3139	3456/3243	3715/3868	3715/4881			
			60 Minute Rating	NL/RL	lbf	1287/1111	1373/1198	2535/2310	3198/2956			
	41	Brake	Method of Control	Service/Parking			Hydraulic /					
			Method of Operation	Service/Parking			Foot /					
	42	Battery		Туре			Lead					
						Standard P			Performance			
ECTRIC					VOLTS	36	48	48	80			
H	_	Traction Motor		60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)			
Ш		Pump Motor		15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)			
ш	45	Traction Motor	Тур	e/Control Method			AC / Tra	nsistor				
	=	Pump Motor	Тур	e/Control Method			AC / Tra	nsistor				
	47	Number of Speeds		Traction/Pump			Infinitely Variable /	Infinitely Variable				
		Step Height			in (mm)		18.7	(475)				
Ë		Floor Height		Lowest Point	in (mm)		30.4	(772)				
ОТНЕВ		Attachment Relief Pressure	е		psi (bar)		2250	(155)				
6		Auxiliary Oil Flow	T	and 4th Function	gal/min (l/min)		11 (40)				
		Sound Level	Measured p	oer ANSI B56.11.5	dB (A)	60	60	65	65			
					/							

	7	Manufacturer					Ya	Ιο				
ابا		Model Designation					ERC0					
GENERAL		Power					Elec					
ᄬ	_	Operation					S					
병		Rated Capacity			lb (kg)	6000 (2722)						
	6	Load Center			in (mm)	24 (610)						
	7	Tire Type - Cushion, Solid,	Pneumatic, etc.	Drive/Steer	, ,	Cushion / Cushion						
TIRES	8	Tire Size		Drive/Steer	in	21 x 8 x 15 / 16 x 6 x 10.5						
	9	Wheels - Number	X=Driven	Drive/Steer		2X/2						
	10	Tread	¢ Tires Sto	Dr/Wide Dr/Steer	in (mm)	35.6/40.9/36 (905/1039/915)						
	11	Mast Tilt		Std Opt Opt	degrees		5F/5B 10F/	5B (5F/4B)				
	12	Mast - Lowered Height		Std Mast	in (mm)		83 (2	085)				
	13	Free Lift - Top of Fork		ted Free Lift Mast	in (mm)		5 (1					
		Opt 2 Stg Full Free Lift Ma	,		in (mm)		33/56 (8	,				
	_	Lift Height - Top of Fork		ted Free Lift Mast	in (mm)		118 (3					
		Mast - Extended Height		with/without LBR	in (mm)		167/144 (4	,				
		Overhead Guard Height	Std/Drive in Rack/		in (mm)		88.5/88.5/86.5/84.1 (2					
	_	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)		38.3/37.4/37.3	, ,				
		Tow Pin Height		tical Center of Pin	in (mm)		11 (2	,				
		Overall Width		Tread/Wide Tread	in (mm)		43.6/48.9 (,				
S		Forks Standard Carriage Width	I MICKNESS	x Width x Length Class II	in (mm) in (mm)		2 x 4.9 x 42 (50 38.5					
		Floor to Top of Battery Roll	ers	UIASS II	in (mm)		17.2	, ,				
卣		Ground Clearance	Lowest Point	NL/RL	in (mm)		3.6/3.3	, ,				
Į≅Į⊦		Ground Clearance	Center of Truck	NL/RL	in (mm)		3.7/3.6					
		Load Distance	Center of Wheel to Face of F		in (mm)		15.8	` '				
	_	Battery Compartment		th Battery Rollers	in (mm)		23.9/23.3	,				
		,p	Width	,	in (mm)		39.1					
				Nominal	SIZE		33	,				
			Length	Actual	in (mm)		33.3	(847)				
	27	Length to Face of Forks	Chassis Length		in (mm)		86.5 (2199)				
	28	Wheelbase			in (mm)		54.2 (1377)				
		Right Angle Stack			in (mm)		139.2	(3536)				
		Equal Aisle	90° Intersecting Aisle		in (mm)		74.2 (1885)				
		Outside Turning Radius			in (mm)		75.4 (· ·				
		Truck Weight	Without Battery	NL	lb (kg)		7350 (
	_	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)		4474/14882	· · · · · · · · · · · · · · · · · · ·				
-	34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	Chandaud D	6769/2361 (Performance			
-	_				VOLTS	Standard Po	48	Performance 80				
-	36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.6/9.1 (17/14.6)	48 11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)			
-	30	пачет ореец	Extended Shift ON	NL/RL	mph (km/h)	9.5/8.3 (15.3/13.3)	10.4/9.4 (16.7/15.1)	12.2/12.2 (19.7/19.7)	12.2/12.1 (19.7/19.4)			
	37	Lift Speed	Std 2 Stg LFL Mast	NL/RL	,	93/49 (0.47/0.25)	116/65 (0.59/0.33)	124/83 (0.63/0.42)	124/83 (0.63/0.42)			
	Ŭ.		Opt 2 Stg FFL Mast		ft/min (m/sec)	83/49 (0.42/0.25)	108/65 (0.55/0.33)	116/81 (0.59/0.41)	116/81 (0.59/0.41)			
믱			Opt 3 Stg FFL Mast	NL/RL		85/49 (0.43/0.25)	112/65 (0.57/0.33)	118/81 (0.6/0.41)	118/81 (0.6/0.41)			
Ž			Opt 4 Stg FFL Mast	NL/RL		96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)			
Σ	38	Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)		91/110 (0	.46/0.56)				
PERFORMANCE			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)		73/102 (0	.37/0.52)				
품			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)		79/104 (0	•				
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)		77/91 (0.		I			
	39	Gradeability	5 Minute Rating	NL/RL	%	32/19	33/19	36/22	36/28			
	46		60 Minute Rating	NL/RL	%	12/7	13/7	22/13	29/16			
	40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3342/3124	3448/3229	3883/3820	3883/4830			
	11		60 Minute Rating	NL/RL Convice/Perking	lbf	1280/1094	1365/1184	2518/2269 Machanical	3181/2912			
	41	Brake	Method of Control Method of Operation	Service/Parking Service/Parking			Hydraulic / Foot /					
	42	Battery	mediou of operation	Type			Lead					
	ű	Duttor y		туре		Standard Po			Performance			
ပ					VOLTS	36	48	48	80			
ECTRIC	43	Traction Motor		60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)			
ပ္ပ	_	Pump Motor		15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)			
	_	Traction Motor	Тур	e/Control Method	,	, ,	AC / Tra		. ,			
	_	Pump Motor		e/Control Method			AC / Tra					
	47	Number of Speeds		Traction/Pump			Infinitely Variable /	Infinitely Variable				
		Step Height			in (mm)		18.7	(475)				
Œ		Floor Height		Lowest Point	in (mm)		30.4	(772)				
П						30.4 (772)						
		Attachment Relief Pressure	ę		psi (bar)	30.4 (772) 2250 (155)						
OTHE	51	Attachment Relief Pressure Auxiliary Oil Flow Sound Level	3rd	and 4th Function per ANSI B56.11.5		60	11 (. ,	65			

		Manufacturer					Ya					
₹	2	Model Designation					ERC0					
GENERAL	3	Power					Elec	tric				
	4	Operation					S	it				
ច	5	Rated Capacity			lb (kg)		6500 (2948)					
	6	Load Center			in (mm)	24 (610)						
	7	Tire Type - Cushion, Solid,	Pneumatic, etc.	Drive/Steer		Cushion / Cushion						
TIRES	8	Tire Size		Drive/Steer	in	21 x 8 x 15 / 16 x 6 x 10.5						
I۴	9	Wheels - Number	X=Driven	Drive/Steer		2X / 2						
м	10	Tread	¢ Tires Sto	Dr/Wide Dr/Steer	in (mm)	35.6/40.9/36 (905/1039/915)						
		Mast Tilt		Std Opt Opt	degrees		5F/5B 10F/	,				
		Mast - Lowered Height		Std Mast	in (mm)		83 (2	1 /				
	_	Free Lift - Top of Fork	Std 2 Sta Limi	ted Free Lift Mast	in (mm)		5 (1	,				
		Opt 2 Stg Full Free Lift Ma		tou i roo Ent muot	in (mm)		33/56 (8	· · · · · · · · · · · · · · · · · · ·				
	1/	Lift Height - Top of Fork	T	ted Free Lift Mast	in (mm)		118 (,				
		Mast - Extended Height	-	with/without LBR	in (mm)		167/144 (4					
	_	Overhead Guard Height	Std/Drive in Rack/		, ,			· · · · · · · · · · · · · · · · · · ·				
	_				in (mm)		88.5/88.5/86.5/84.1 (2					
		SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)		38.3/37.4/37.3	· /				
		Tow Pin Height		tical Center of Pin	in (mm)		11 (/				
CO		Overall Width		Tread/Wide Tread	in (mm)		43.6/48.9 (
ž		Forks	Thickness	x Width x Length	in (mm)		2 x 4.9 x 42 (50	,				
		Standard Carriage Width		Class II	in (mm)		38.5	, ,				
DIMENSIONS		Floor to Top of Battery Roll	1		in (mm)		17.2	, ,				
Σ		Ground Clearance	Lowest Point	NL/RL	in (mm)		3.6/3.3	, ,				
₫	_		Center of Truck	NL/RL	in (mm)		3.7/3.6	` '				
	25	Load Distance	Center of Wheel to Face of I	orks	in (mm)		15.8	(402)				
	26	Battery Compartment	Height Without/Wi	th Battery Rollers	in (mm)		23.9/23.3	(607/593)				
			Width		in (mm)		39.1	(992)				
				Nominal	SIZE	30	6"	4	0"			
			Length	Actual	in (mm)	36.7	(933)	40 (*	1015)			
	27	Length to Face of Forks	Chassis Length		in (mm)	90 (2	2285)	92.2	(2343)			
	28	Wheelbase			in (mm)	57.6 ((1463)	60.8	60.8 (1545)			
		Right Angle Stack			in (mm)	142.9 (3629) 145.5 (3695)						
	30	Equal Aisle	90° Intersecting Aisle		in (mm)	76.1 (` '	77 (1956)				
		Outside Turning Radius	,		in (mm)	·	(2008)	,	(2074)			
		-	Without Battery	NL	lb (kg)	7400 (3357) 7040 (3193)						
Š	33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	Ib (kg)	4640/15635 (2105/7092) 4914/15670 (2229/7108)						
>	34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	6853/2359 (3108/1070) 6514/2258 (2955/1024)						
	_	3	,		(3/	Standard Performance PowerPlus Perform			,			
						36	48	48	80			
					VOLTS							
	36	Travel Speed	Extended Shift OFF	NL/RL	VOLTS mph (km/h)		11.3/11.3 (18.2/18.2)	12.3/12.7 (19.8/20.4)				
	36	Travel Speed	Extended Shift OFF Extended Shift ON	NL/RL NI /RI	mph (km/h)	10.6/9.1 (17/14.6)	11.3/11.3 (18.2/18.2) 10.4/9.3 (16.7/15)	12.3/12.7 (19.8/20.4)	12.3/12.4 (19.8/20)			
		,	Extended Shift ON	NL/RL	mph (km/h) mph (km/h)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2)	10.4/9.3 (16.7/15)	12.2/12.1 (19.7/19.5)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19)			
		Travel Speed Lift Speed	Extended Shift ON Std 2 Stg LFL Mast	NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4)			
ij.	37	,	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast	NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39)			
NCE	37	,	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 12.4/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39)			
MANCE	37	Lift Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39)			
RMANCE	37	,	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 12.4/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39)			
FORMANCE	37	Lift Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 12.4/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39)			
ERFORMANCE	37	Lift Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 12.4/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39)			
PERFORMANCE	38	Lift Speed Lower Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast	NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL NL/RL	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0.63/0.38)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 12.4/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48)			
PERFORMANCE	38	Lift Speed Lower Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Stg FFL Mast	NL/RL	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29)	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (1 77/91 (0.	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 33/0.46)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48)			
PERFORMANCE	38	Lift Speed Lower Speed Gradeability	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 60 Minute Rating 60 Minute Rating	NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) %	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48)			
PERFORMANCE	38	Lift Speed Lower Speed	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast 5 Minute Rating 6 Minute Rating 5 Minute Rating	NL/RL	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 1124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 () 77/91 (0. 31/19 12/7 3440/3211	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 33/0.46) 37/21 22/12 4084/3791	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798			
PERFORMANCE	38 39 40	Lift Speed Lower Speed Gradeability Drawbar Pull	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 6 Minute Rating 6 Minute Rating 6 Minute Rating	NL/RL	mph (km/h) mph (km/h) ft/min (m/sec) %	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 () 77/91 (0. 31/19 12/7 3440/3211 1360/1167	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 33/0.46) 37/21 22/12 4084/3791 2513/2245	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48)			
PERFORMANCE	38 39 40	Lift Speed Lower Speed Gradeability	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic /	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 33/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798			
PERFORMANCE	37 38 39 40 41	Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 6 Minute Rating 6 Minute Rating 6 Minute Rating	NL/RL Service/Parking	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic /	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798			
PERFORMANCE	37 38 39 40 41	Lift Speed Lower Speed Gradeability Drawbar Pull	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 33/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
	37 38 39 40 41	Lift Speed Lower Speed Gradeability Drawbar Pull Brake	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking	mph (km/h) mph (km/h) ft/min (m/sec)	10.6/9.1 (17/14.6) 9.5/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
	37 38 39 40 41	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking Type	mph (km/h) mph (km/h) ft/min (m/sec) Volums	31/18 1274/1083 346 347 (0.49/0.29) 31/18 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
	37 38 39 40 41 42	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control	NL/RL Service/Parking Service/Parking Type	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ECTRIC	37 38 39 40 41 42 43 44	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating	mph (km/h) mph (km/h) ft/min (m/sec) Volums	31/18 1274/1083 346 347 (0.49/0.29) 31/18 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7)	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
	37 38 39 40 41 42 43 44 45	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ECTRIC	37 38 39 40 41 42 43 44 45 46	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating e/Control Method	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra AC / Tra	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ECTRIC	37 38 39 40 41 42 43 44 45 46 47	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ECTRIC	37 38 39 40 41 42 43 44 45 46 47 48	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 5 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating e/Control Method	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra AC / Tra	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor Infinitely Variable	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ELECTRIC	37 38 39 40 41 42 43 44 45 46 47 48 49	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating e/Control Method	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Trac Infinitely Variable /	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor Infinitely Variable (475)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ELECTRIC	37 38 39 40 41 42 42 43 44 45 46 47 48 49 50	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height Attachment Relief Pressur	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating e/Control Method Traction/Pump	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra Infinitely Variable / 18.7	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) Insistor Infinitely Variable (475) (772)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ECTRIC	37 38 39 40 41 42 42 43 44 45 46 47 48 49 50	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating e/Control Method Traction/Pump	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.55/0.32) 112/63 (0.57/0.32) 124/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0. 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra Infinitely Variable / 18.7 30.4	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor unsistor Infinitely Variable (475) (772) (155)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			
ELECTRIC	37 38 39 40 41 42 42 43 44 45 46 47 48 49 50 51	Lift Speed Lower Speed Gradeability Drawbar Pull Brake Battery Traction Motor Pump Motor Traction Motor Pump Motor Number of Speeds Step Height Floor Height Attachment Relief Pressur	Extended Shift ON Std 2 Stg LFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast Opt 2 Stg FFL Mast Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast Opt 3 Stg FFL Mast Opt 4 Stg FFL Mast Opt 4 Stg FFL Mast 5 Minute Rating 60 Minute Rating 60 Minute Rating Method of Control Method of Operation	NL/RL Service/Parking Service/Parking Type 60 Minute Rating 15% Rating le/Control Method Traction/Pump	mph (km/h) mph (km/h) ft/min (m/sec)	31/18 1274/1083 347 (18.4) 35/8.2 (15.3/13.2) 93/47 (0.47/0.24) 83/47 (0.42/0.24) 85/47 (0.43/0.24) 96/57 (0.49/0.29) 31/18 12/6 3335/3107 1274/1083	10.4/9.3 (16.7/15) 116/63 (0.59/0.32) 108/63 (0.55/0.32) 112/63 (0.57/0.32) 112/63 (0.57/0.32) 112/75 (0.63/0.38) 91/112 (0 73/104 (0 79/106 (0 77/91 (0) 31/19 12/7 3440/3211 1360/1167 Hydraulic / Foot / Lead erformance 48 24.7 (18.4) 22.4 (16.7) AC / Tra Infinitely Variable / 18.7 30.4 2250	12.2/12.1 (19.7/19.5) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) .46/0.57) .37/0.53) 0.4/0.54) 39/0.46) 37/21 22/12 4084/3791 2513/2245 Mechanical Foot Acid PowerPlus I 48 31.6 (23.6) 31.8 (23.7) unsistor unsistor Infinitely Variable (475) (772) (155)	12.3/12.4 (19.8/20) 12.2/11.8 (19.7/19) 124/79 (0.63/0.4) 116/77 (0.59/0.39) 118/77 (0.6/0.39) 136/94 (0.69/0.48) 37/26 28/16 4084/4798 3176/2886			

		Manufacturer					Ya	lo.				
	_	Model Designation					ERC0					
ERAL	_	Power					Elec					
믤	_	Operation					S					
GEN		Rated Capacity			lb (kg)		7000 (3175)				
	6	Load Center			in (mm)	24 (610)						
	7	Tire Type - Cushion, Solid,	Pneumatic, etc.	Drive/Steer		Cushion / Cushion						
TIRES	8	Tire Size		Drive/Steer	in	21 x 9 x 15 / 16 x 7 x 10.5						
H	9	Wheels - Number	X=Driven	Drive/Steer		2X/2						
	_	Tread	¢ Tires Sto	Dr/Wide Dr/Steer	in (mm)	36.6/39.9/37 (929/1013/940)						
		Mast Tilt		Std Opt Opt	degrees	5F/5B 10F/5B (5F/4B)						
		Mast - Lowered Height	0.100.11	Std Mast	in (mm)		83 (2	<u>'</u>				
	13	Free Lift - Top of Fork		ted Free Lift Mast	in (mm)		5 (1	· · · · · · · · · · · · · · · · · · ·				
	1/	Opt 2 Stg Full Free Lift Ma Lift Height - Top of Fork		ted Free Lift Mast	in (mm)		33/56 (8 118 (
	_	Mast - Extended Height	_	with/without LBR	in (mm) in (mm)		167/144 (4					
	_	Overhead Guard Height	Std/Drive in Rack/		in (mm)		88.5/88.5/86.5/84.1 (2					
	_	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)		38.3/37.4/37.3					
	_	Tow Pin Height	 '	tical Center of Pin	in (mm)		11 (, ,				
	19	Overall Width	Standard	Tread/Wide Tread	in (mm)		45.6/48.9 (1158/1242)				
SN		Forks	Thickness	x Width x Length	in (mm)		2 x 4.9 x 42 (50	x 125 x 1067)				
ENSION		Standard Carriage Width		Class II	in (mm)		38.5	, ,				
Ĭ		Floor to Top of Battery Roll			in (mm)		17.2	,				
	_	Ground Clearance	Lowest Point	NL/RL	in (mm)		3.6/3.3					
DIN		Ground Clearance Load Distance	Center of Truck	NL/RL	in (mm)		3.7/3.6	` '				
		Battery Compartment	Center of Wheel to Face of F Height Without/Wit	th Battery Rollers	in (mm) in (mm)		15.8 23.9/23.3	, ,				
	20	battery Compartment	Width	ui battery noticis	in (mm)		39.1	,				
			Widdi	Nominal	SIZE		4(,				
			Length	Actual	in (mm)		40 (1	015)				
	27	Length to Face of Forks	Chassis Length		in (mm)		93.1 (2367)				
	28	Wheelbase			in (mm)		60.8 (1545)				
	_	Right Angle Stack			in (mm)		146.3	(3715)				
	=	Equal Aisle	90° Intersecting Aisle		in (mm)		77.4 (
	_	Outside Turning Radius			in (mm)		82.4 (
¥.		Truck Weight Axle Loading - Drive	Without Battery Static w/ Max. Wt. Battery	NL/RL	lb (kg)		7500 (· /				
3		Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg) lb (kg)		4868/16451 7022/2439 (· · · · · · · · · · · · · · · · · · ·				
	J-T	ANIC LOCUING OLCO	Oldilo W/ Max. Wt. Battery	NE/TIE	ib (kg)	Standard P		,	rmance Package			
					VOLTS	36	48	48	80			
	36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.6/9 (17/14.5)	11.3/11.3 (18.2/18.2)	12.3/12.6 (19.8/20.3)	12.3/12.3 (19.8/19.8)			
			Extended Shift ON	NL/RL	mph (km/h)	9.4/8.1 (15.2/13.1)	10.3/9.3 (16.6/14.9)	12.2/12.1 (19.7/19.4)	12.2/11.9 (19.7/19.1)			
	37	Lift Speed	Std 2 Stg LFL Mast	NL/RL		93/45 (0.47/0.23)	116/61 (0.59/0.31)	124/73 (0.63/0.37)	124/73 (0.63/0.37)			
			Opt 2 Stg FFL Mast		ft/min (m/sec)	83/45 (0.42/0.23)	108/61 (0.55/0.31)	116/73 (0.59/0.37)	116/73 (0.59/0.37)			
Ş			Opt 3 Stg FFL Mast	NL/RL		85/45 (0.43/0.23)	112/61 (0.57/0.31)	118/73 (0.6/0.37)	118/73 (0.6/0.37)			
Ź	20	Lower Cuc-d	Opt 4 Stg FFL Mast	NL/RL	` ′	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)			
E E	36	Lower Speed	Std 2 Stg LFL Mast	NL/RL NL/RL	ft/min (m/sec) ft/min (m/sec)		91/114 (0 73/106 (0					
PERFORMANCE			Opt 2 Stg FFL Mast Opt 3 Stg FFL Mast	NL/RL NL/RL			73/106 (0	· · · · · · · · · · · · · · · · · · ·				
H			Opt 4 Stg FFL Mast	NL/RL	` '		77/91 (0.					
Ë	39	Gradeability	5 Minute Rating	NL/RL	%	29/17	29/18	36/19	37/25			
		<u> </u>	60 Minute Rating	NL/RL	%	10/6	11/6	21/11	27/14			
	40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3329/3089	3428/3201	4101/3744	4193/4745			
			60 Minute Rating	NL/RL	lbf	1269/1072	1355/1149	2502/2204	3165/2842			
	41	Brake	Method of Control	Service/Parking			Hydraulic /					
	46	Della m.	Method of Operation	Service/Parking			Foot /					
	42	Battery		Туре		Standard P	Lead		rmanco Parkago			
Ų					VOLTS	36	errormance 48	48	rmance Package 80			
ECTRIC	43	Traction Motor		60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)			
ပူ	_	Pump Motor		15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)			
H	_	Traction Motor	Тур	e/Control Method	1, ()	7	AC / Tra					
ألز	_	Pump Motor		e/Control Method			AC / Tra					
		Number of Speeds		Traction/Pump			Infinitely Variable /	Infinitely Variable				
		Step Height			in (mm)		18.7					
HE.	_	Floor Height		Lowest Point	in (mm)		30.4	, ,				
H	_	Attachment Relief Pressur	1		psi (bar)		2250					
0	_	Auxiliary Oil Flow	t	and 4th Function	` '	60	11 (CE.			
	52	Sound Level	Measured	per ANSI B56.11.5	dB (A)	60	60	65	65			

	Battery and Compartment Specifications											
	Compartment Dim			Bat	Battery Dim - Max				Max Capacity	Wei	ight	
Model	Width	Length	Height	"X"	"Υ"	"Z"	Volts	No. of Cells	6 Hour Rate"	Min	Max	
			in (r	nm)			amp hr (kwh)	lb ((kg)			
					27.2 (691)	23.5 (597)	36	18	1100 (38.3)			
ERC045-050VG 27" Compartment	39.1 (992)	27.6 (700)	23.9 (607)	38.7 (983)			48	24	800 (37.2)	2300 (1050)	3300 (1500)	
							80	40	375 (29.3)	(1000)	(1000)	
							36	18	1200 (41.9)			
ERC045-050VG 30" Compartment	39.1 (992)	30.9 (786)	23.9 (607)	38.7 (983)	30.6 (777)	23.5 (597)	48	24	900 (42)	2500 (1150)	3500 (1600)	
Companimon							80	40	400 (31.2)			
	39.1 (992)	33.3 (847)					36	18	1300 (45.4)			
ERC045-060VG 33" Compartment			23.9 (607)	38.7 (983)	33 (838)	23.5 (597)	48	24	1000 (46.6)	2900 (1320)	3900 (1770)	
oo oomparamont							80	40	450 (35.1)	(1020)	(1110)	
							36	18	1500 (52.4)			
ERC065VG 36" Compartment	39.1 (992)	36.7 (933)	23.9 (607)	38.7 (983)	36.4 (924)	23.5 (597)	48	24	1100 (51.1)	3100 (1410)	4100 (1860)	
oo oomparamont							80	40	600 (46.8)	(1110)	(1000)	
							36	18	1600 (55.8)		4400 (2000)	
ERC065-070VG 40" Compartment	39.1 (992)	40 (1015)	23.9 (607)	38.7 (983)	39.6 (1006)	23.5 (597)	48	24	1200 (55.9)	3400 (1550)		
							80	40	600 (46.8)	(.555)	(2000)	

Battery Type: "EO" (Without Cover)

Battery type. LO (without cover)
Battery amp hr (kwh) capacity is max allowable per UL
Commercially available lead acid batteries may not necessarily reach these max limits
Battery Roller option reduces battery compartment height to 23.3" (593mm) & max battery height to 23.0" (583mm)
Battery Compartment Length is measured front to rear. Battery Compartment Width is measured across the truck

Battery Notes - Conventional Charging (Opt 626201)

Battery Connector: 36 volt - Gray SB®350 (Anderson Power Products® P/N 6320G1 or equivalent)

48 volt - Blue SB®350 (Anderson Power Products® P/N 6321G1 or equivalent)

80 volt - Black SBE®320 (Anderson Power Products® P/N E6363G1 or equivalent)

Battery Lead: Length 20" (508 mm), Position "B", 2/0 AWG

Battery Notes - Rapid/Fast Charging (Opt G26202)

NOTE: A Site Survey is required to confirm your application is a candidate for Rapid Charge and to determine the Battery and Charger specifications required. Contact your Battery and Charger Supplier. Battery Connector: Requires Dual Positive/Negative Cabling terminating in (2) Female EBC-320 DIN Connectors (Anderson Power Products® P/N A32503-0009 or equivalent)

Each individual DIN connector to include 1 Red Conductor to (+) and 1 black conductor to (-) Battery Lead: Length 25" (635 mm), Position "B", Minimum Cable Size 3/0 AWG

	ERC045-055VG Mast Dimensions													
Maximum Fork	Overall Lowered	Overall Exte	nded Height	Free Li	ft (TOF)	Approx. Total Wt. of Standard Equipped Truck w/o Battery								
Height (TOF)	Height	w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest	ERC045VG	ERC050VG	ERC055VG						
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)						
	2-stage limited free lift (LFL) Hi-Vis™2 mast													
125 (3192)	83 (2085)	174 (4415)	147 (3749)	5 (140)	5 (140)	6860 (3112)	7270 (3298)	6950 (3152)						
133 (3392)	86 (2185)	182 (4615)	155 (3949)	5 (140)	5 (140)	7060 (3202)	7470 (3388)	7150 (3243)						
137 (3492)	88 (2235)	186 (4715)	159 (4049)	5 (140)	5 (140)	7160 (3248)	7570 (3434)	7250 (3289)						
			2-stage	full free lift (FFL) Hi-	Vis™ mast									
126 (3202)	83 (2085)	175 (4425)	148 (3759)	33 (862)	60 (1528)	6960 (3157)	7370 (3343)	7050 (3198)						
133 (3402)	86 (2185)	183 (4625)	155 (3959)	37 (964)	64 (1628)	7160 (3248)	7570 (3434)	7250 (3289)						
137 (3502)	88 (2235)	186 (4725)	159 (4059)	39 (1012)	66 (1678)	7260 (3293)	7670 (3479)	7350 (3334)						
			3-stage	full free lift (FFL) Hi-	/is™2 mast									
189 (4800)	83 (2085)	238 (6023)	210 (5399)	33 (862)	60 (1546)	7460 (3384)	7870 (3570)	7550 (3425)						
194 (4950)	85 (2135)	243 (6173)	216 (5489)	36 (917)	62 (1596)	7480 (3393)	7890 (3579)	7570 (3434)						
200 (5100)	88 (2235)	249 (6323)	222 (5639)	39 (1012)	66 (1696)	7530 (3416)	7940 (3602)	7620 (3456)						
218 (5550)	94 (2385)	267 (6773)	239 (6089)	45 (1162)	72 (1846)	7610 (3452)	8020 (3638)	7700 (3493)						
236 (6000)	102 (2585)	285 (7223)	257 (6539)	53 (1362)	80 (2046)	7690 (3488)	8100 (3674)	7780 (3529)						
			4-stage	full free lift (FFL) Hi-	Vis™ mast									
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8000 (3629)	8410 (3815)	8090 (3670)						
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8070 (3660)	8480 (3846)	8160 (3701)						
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8140 (3692)	8550 (3878)	8230 (3733)						

			ERC060-	-070VG Mast D	imensions									
Maximum Fork	Overall Lowered	Overall Exte	nded Height		ft (TOF)	Approx. Total Wt. o	f Standard Equipped	d Truck w/o Battery						
Height (TOF)	Height	w/ Load Backrest w/o Load Backres		w/ Load Backrest w/o Load Backrest		ERC060VG	ERC065VG	ERC070VG						
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)						
	2-stage limited free lift (LFL) Hi-Vis™₂ mast													
118 (3009)	83 (2085)	167 (4237)	143 (3654)	5 (150)	5 (150)	7570 (3434)	7750 (3515)	7850 (3561)						
126 (3209)	86 (2185)	175 (4437)	151 (3854)	5 (150)	5 (150)	7640 (3465)	7820 (3547)	7920 (3592)						
130 (3309)	88 (2235)	179 (4537)	155 (3954)	5 (150)	5 (150)	7720 (3502)	7900 (3583)	8000 (3629)						
			2-stage	full free lift (FFL) Hi-	Vis™ mast									
118 (3010)	83 (2085)	167 (4237)	144 (3655)	33 (857)	56 (1440)	7630 (3461)	7810 (3543)	7910 (3588)						
126 (3210)	86 (2185)	175 (4437)	151 (3855)	37 (957)	60 (1540)	7670 (3479)	7850 (3561)	7950 (3606)						
130 (3310)	88 (2235)	179 (4537)	155 (3955)	39 (1007)	62 (1590)	7810 (3543)	7990 (3624)	8090 (3670)						
			3-stage	full free lift (FFL) Hi-	Vis™2 mast									
175 (4468)	83 (2085)	225 (5696)	200 (5095)	33 (857)	57 (1458)	8050 (3651)	8230 (3733)	8330 (3778)						
181 (4618)	85 (2135)	231 (5846)	206 (5245)	35 (907)	59 (1508)	8150 (3697)	8330 (3778)	8430 (3824)						
187 (4768)	88 (2235)	237 (5996)	212 (5395)	39 (1007)	63 (1608)	8240 (3738)	8420 (3819)	8520 (3865)						
205 (5218)	94 (2385)	254 (6446)	230 (5845)	45 (1157)	69 (1758)	8310 (3769)	8490 (3851)	8590 (3896)						
223 (5668)	102 (2585)	272 (6896)	248 (6295)	53 (1357)	77 (1958)	8410 (3815)	8590 (3896)	8690 (3942)						
			4-stage	full free lift (FFL) Hi-	Vis™ mast									
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8510 (3860)	8690 (3942)	8790 (3987)						
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8580 (3892)	8760 (3973)	8860 (4019)						
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8650 (3924)	8830 (4005)	8930 (4051)						

Foot Directional Control Pedal

The optional foot directional control pedal is a highly productive directional/accelerator pedal. One pedal allows the operator to change direction and acceleration reducing operator fatigue and resulting in increased productivity. Yale offers the foot direction control pedal as a no charge option.

Hydraulic Components

The hydraulic pump motor is powered by a transistor controller. A flexible coupling joins a brushless, AC induction motor to the pump for long drive life and low noise. The motor and pump are mounted on rubber isolators for reduced noise and vibration. A combination of flexible wire-braid hoses and steel tubing is used to simplify the hydraulic plumbing. These hydraulic lines are carefully routed and held in place to reduce possible damage. A 10-micron full flow hydraulic filter located in the return line protects the hydraulic system from contaminants and helps provide long life. A bypass relief valve permits oil flow in the event of the filter clogging.

Hydrostatic Power Steering

Hydrostatic power steering is standard and the all-hydraulic design gives precise, reliable control while eliminating mechanical linkages and road shocks at the steering wheel. An infinitely adjustable tilt steering column provides excellent operator comfort and visibility.

Steering Axle

The steering axle is a one-piece ductile iron casting mounted on elastic cushions that reduce shock and provide a softer ride. The Continuous Stability System (CSS™) enhances truck stability in a simple, maintenance free design, without compromising uneven surface travel.

Masts\Carriage\Forks\Load Backrest Extension

Hi-Vis™ duplex and quadplex masts, as well as Hi-Vis™2 simplex and triplex masts provide excellent visibility.*

The mast features flush face design with geometrically matched, angled load rollers, which are canted, yet provide full-face roller contact. A single free lift chain provides increased visibility. The mast front rail flange angle coupled with the inverted "J" inner channel and three degree mast rollers significantly reduces channel web milling and roller wear.

Top accessible, "J-hook" mast mounting system allows convenient and easy mast service. The J-hook mounting is standardized to allow direct mast interchangeability on a variety of Yale® truck models without modification. Bronze steel-backed bushings reduce mounting wear. Class II (ERC045-055VG) and Class III (ERC060-070VG) six-roller carriages are standard. Forks are "upset forged" from a single piece of highstrength steel to give added strength and thickness for wear. A 48" load backrest extension is standard.

Frame

The frame is a unitized construction, stress tested for durability. An integral step on both sides of the truck is provided for easy entry and exit. The truck has a two-piece floor plate that can be easily lifted out for service access. An easily removable counterweight top cover gives easy access to components. A stamped steel, gas spring-assisted battery cover allows easy changing of the battery. The battery compartment can be fitted with rollers.

Additional Features

Additional features on the ERC-VG include an overhead guard, 42" forks, non-suspension seat, seat belt and an operator sensing switch. An infinitely adjustable tilt steering column, rubber floor mat, and electronic horn are also standard.

Options

Accutouch mini-levers
Foot directional control pedal
Return to set tilt
Telescoping steering column
with tilt memory
Rapid charge

Cooler/freezer package: Operating temperatures: -20° F to + 120° F

Wide tread

Non-suspension seat (cloth)
Full-suspension seat (vinyl or cloth)
Full-suspension swivel
seat (vinyl or cloth)

Red, high-visibility, non-cinch seat belt with or without start interlock Various battery compartment lengths Battery rollers

Overhead guard mounted headlights
Lowered overhead guard
Drive-in rack overhead guard
Key switch controlled lights
LED and halogen work light/

tail light packages LED dome/reading light

10° forward tilt Integral sideshift or integral

sideshift fork positioner

48-volt or 80-volt

Premium Performance Package Audible alarm – reverse

operation (manually adjustable to 87, 97 or 102 dB)

Light - Amber strobe
Various type drive tires
Type "EE" UL construction
Dual rear view mirrors
Panoramic rear view mirrors
Fire extinguisher
Accumulator

^{*} For more information, refer to the Hi-VisTM2 supplement brochure.



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Manufactured in our own ISO 9001 and 14001 Registered Facilities

2381-1E 2/2016 All trucks shown with optional equipment.

Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Consult your Yale® Industrial Truck Dealer if any of the information shown is critical to your application. Specifications are subject to change without notice.

This truck meets all applicable mandatory requirements of ANSI B56.1 Safety Standard for Powered Industrial Trucks at the time of manufacture. Classified by Underwriters' Laboratories, Inc., as to fire and electric shock hazard only for Type E industrial trucks.