



SPECIFICATIONS

MODEL SL120

SWINGMAST® LIFT TRUCK

ELECTRIC MULTI-PURPOSE

12,000 LB (5,443KG) CAPACITY

The Landoll SwingMast® Electric Forklift, with a 90° pivoting and shifting mast maximizes cube utilization while providing front loader versatility. The SwingMast® also can handle, store and transport long loads as a side loader for long load handling applications.

STANDARD FEATURES

- Four Wheel Configuration - Front Wheel Drive - Rear Wheel Steering
- High Visibility Mast, 3 Stage
- 90° Pivoting and Shifting Mast
- 72 Volt Electrical System
- Safety Driver's Seat Switch, Cuts Power
- Seatbelt (Retractable)
- 4-wheel Hydraulic Brakes
- Hand Actuated Parking Brake
- GE "SCR" Controls
- Battery Discharge Indicator with Lift Interrupt
- Type "E" Construction
- Hydrostatic Power Steering
- Battery Compartment Covers
- Automatic Return-to-Neutral
- SB6320G1 Gray Battery Connector
- Locking Differential
- Key Switch
- Overhead Guard
- Load Backrest
- Polyurethane Drive Tires (2)
- Polyurethane Steer Tires (2)
- Horizontal Fork Indicator
- Tail/Stop Light
- Meets ANSI B56.1



OPTIONAL FEATURES

- Strobe Warning Light
- Flashing Backup Light in Amber, Red, Yellow and Blue
- Headlights, Mast or Overhead Guard Mounted
- Backup Alarm
- Fire Extinguisher
- Type "EE" Construction
- Battery Compartment Rollers
- Long Load Handling Package

The specifications contained in this spec sheet are subject to change at any time without notice.
Actual dimensions and performance data given herein may vary due to manufacturing tolerances.
If any specifications is critical to your application, please contact your Landoll/Drexel Dealer.



LANDOLL CORPORATION

MATERIAL HANDLING PRODUCT DIVISION

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SwingMast® SL120

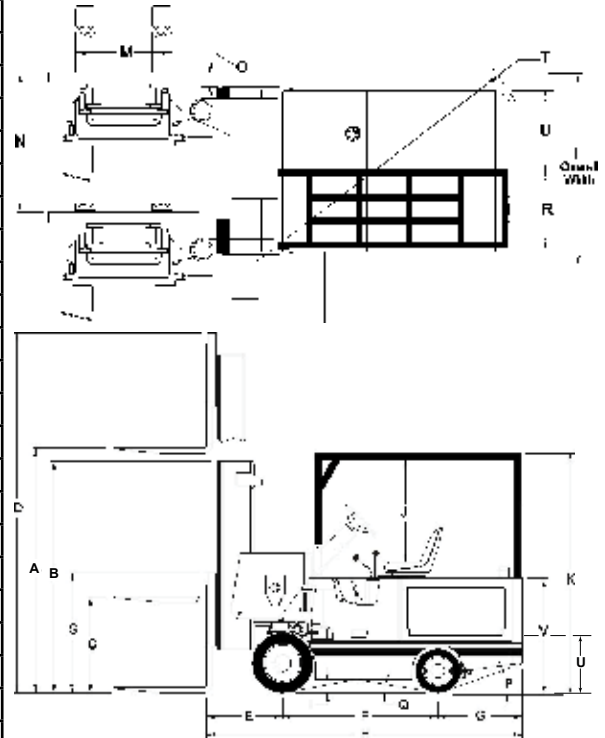
12,000 lbs. (5,443kg)

ELECTRIC FORKLIFT TRUCK

TECHNICAL & DIMENSION DATA



Model		SL120		
Capacity	24' LC	lbs/kg	12,000 / 5,443	
Power Source			Battery, electric	
Weight With Battery		lbs/kg	27,300 / 12,383	
Travel Speed	Loaded	mph/kph	5 / 8.05	
	Unloaded	mph/kph	6 / 9.65	
Lift Speed	Loaded (5,500 lbs/2,495 kg)	fpm/mm	30 / 9	
	Unloaded	fpm/mm	40 / 12	
Lower Speed	Loaded	fpm/mm	80 / 24	
	Unloaded	fpm/mm	35 / 11	
Mast Tilt	Forward/Backward	deg.	3 / 6	
Lost Load Center	E With Triple Mast	in/mm	32 / 800	
Wheel Base	F	in/mm	58 / 1,470	
Rear Overhang	G With Triple Mast	in/mm	29 / 740	
Overall Length	H	in/mm	119 / 3,020	
Under Clearance	I	in/mm	5 / 130	
Clearance Under Guard	J	in/mm	39 / 990	
Overhead Guard Height	K	in/mm	91 / 2,310	
Overall Width	L	in/mm	65 / 1,640	
Fork Width O/O	M	in/mm	54 / 1,370	
Mast Shift	N	in/mm	44" / 1,120*	
Side Reach	O	in/mm	4 / 100	
Grade Clearance	P	deg	21°	
Under Clearance	Q	deg	11°	
Overhead Guard Width	R	in/mm	23 / 580	
Load Backrest Height	S		42 / 1,070	
Turning Radius	T		108 / 2,740	
Battery Compartment Height	U		30 / 760	
Deck Height	V		49 / 1,250	
Fork Size (Standard)		in	2.5x7x42	
ITA CLASS II		cm	6x18x107	
Gradeability	Loaded	%	10	
Wheel sizes	Front (2 each)	in/cm	22x14x16 / 56x36x41	
	Rear (2 each)	in/cm	16.2x8x11.2 / 41x20x29	
Minimum battery weight	2 Required	lbs/kg	2,140 / 971	



Notes:

*Shift with mast in 'front' position equals 22" (56cm).



MAST DIMENSIONS

SL120 MAST OPTIONS							
Max. Fork Height (A)		Collapsed Height (B)		Free Lift Height* (C)		Max Overall Height (D)	
IN	CM	IN	CM	IN	CM	IN	CM
135	345	82	208	42	108	177	450
153	389	88	224	48	122	195	495
168	427	94	239	54	137	210	533
178	452	98	249	58	147	220	559
193	490	104	264	64	163	235	597
207	526	110	279	70	179	249	633
233	592	120	305	80	203	275	699
243	617	124	315	84	213	285	724

ABOVE DIMENSIONS ARE BASED ON A 16" (41cm) MAST UNDERCLEARANCE

RECOMMENDED BATTERY

Battery Designation
Battery Type: Flooded or Sealed - 2 Required
Volts: 36V
Amp. Hours: 765
Nominal Size: 44.56"x19.44"x22.63" (113x49x58cm) Each
Dealer will select battery size based on the application
Usage hours will vary with load weight, number of lift cycles, lift height, attachment use and travel distance
Battery compartment inside dimensions - 45"x39-3/4"x22-3/4" (114x101x58cm)
Battery model 18 - 85 - 19, (two required) with SB 6320G1 connector - gray for 72V; 36" (91cm) leads; type 2/0 flexible cable; weight 2,140 lbs. (971 kg) minimum, 2,440 lbs. (1,107kg) maximum) Each



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