

# DREXEL®



## **DREXEL 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® 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
- Seat Belt (Retractable)
- Four-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



# **LANDOLL CORPORATION**

MATERIAL HANDLING GROUP

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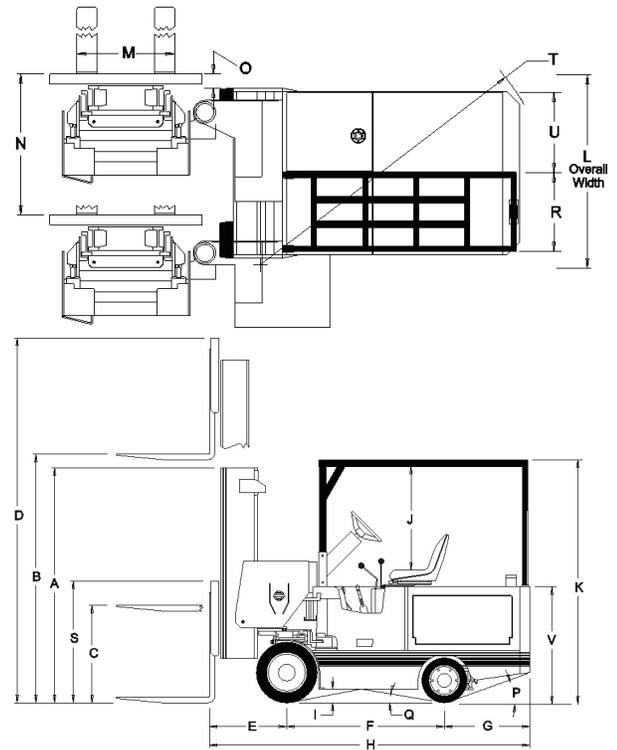


# DREXEL SL120

## SwingMast® | Electric Forklift Truck

### TECHNICAL 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/mpm	30 / 9
	Unloaded	fpm/mpm	40 / 12
Lower Speed	Loaded	fpm/mpm	80 / 24
	Unloaded	fpm/mpm	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
Underclearance	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	69 / 1,752
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°
Grade Underclearance	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) ITA CLASS II		in cm	2.5x7x42 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
Voltage			72



Notes:

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



### MAST DIMENSIONS

MAX. FORK HEIGHT (A)		COLLAPSED HEIGHT (B)		FREE LIFT HEIGHT* (C)		MAX OVERALL HEIGHT (D)	
In	M	In	M	In	M	In	M
135	3.45	82	2.08	42	1.08	177	4.50
153	3.89	88	2.24	48	1.22	195	4.95
168	4.27	94	2.39	54	1.37	210	5.33
178	4.52	98	2.49	58	1.47	220	5.59
193	4.90	104	2.64	64	1.63	235	5.97
207	5.26	110	2.79	70	1.79	249	6.33
233	5.92	120	3.05	80	2.03	275	6.99
243	6.17	124	3.15	84	2.13	285	7.24

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" x 19.44" x 22.63" (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" x 39.75" x 22.75" (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

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.

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Intertek

