



MATERIAL HANDLING PRODUCTS



One Million Square Feet
of Production Facilities

DREXEL



SL60/SL80



SL120

ANYTHING ELSE is a **WASTE** of **SPACE!**

DREXEL®

STANDARD FEATURES

- Four-Wheel Configuration - 6,000 lb. (2,722kg) and 8,000 lb. (3,629kg) Capacity
- 80 Volt Electrical System
- AC Traction and Hydraulic Controllers with Lift Interrupt
- Full Diagnostic Interactive Display with Battery Discharge Indicator
- Hydrostatic Power Steering
- 30" (762mm) of Shift- Includes 3" (76mm) of Reach
- 40" (1,016mm) Long Shank Forks with Standard Taper
- Poly Drive and Steer Tires
- 42" (1,066mm) High Load Backrest
- Type E Construction
- Anderson SBX350 Black Connector
- Seat Belt (Retractable)
- Horizontal Fork Indicator, Overhead Guard
- Key Switch, Hand Parking Brake and Hour Meter
- Meets ANSI B56.1
- UL 583 Type E Construction, UL Listed
- 4-Post Adjustable Overhead Guard, Meets ANSI B56.1



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to Learn More!



SL60AC / SL80AC

Swing Mast™ VNA / Sideloading Electric Multi-Purpose
6,000 lb. (2,722kg) Capacity / 8,000 lb. (3,629kg) Capacity

OPTIONAL FEATURES

- Non-Standard Fork Lengths
- Dual Overhead Guard Mounted LED Headlights
- Dual Rear Safety LED Light Bars
- Safety Flashing LED Light
- Backup Alarm - Beeping Tone ("Smart" dB Adjusting)
- Fire Extinguisher - OHG Post Mounted
- Cold Storage Conditioning to -22°F (-30°C)
- Roller Slide-Out Battery Tray
- Lazer Fork Height Indicator
- Fork Positioner
- Keyless Key Pad On-Off
- Long Load Handling Package
- Auxiliary Hydraulics
- Overload Sensor with Alarm
- UL583 Type EE Electrical Rating, UL Listed



DREXEL®

TECHNICAL DATA

MODEL			SL60AC	SL80AC
Capacity		lbs/kg	6,000 / 2,722	8,000 / 3,629
Load Center		in/mm	24 / 600	24 / 600
Power Source			Battery, electric	Battery, Electric
Weight with Battery		lbs/kg	18,700 / 8,500	20,900 / 9,500
Travel Speed	Loaded	mph/kph	6.9 / 11.1	6.9 / 11.1
	Unloaded	mph/kph	7.7 / 12.3	7.7 / 12.3
Lift Speed	Loaded	fpm/mpm	55 / 16.7	55 / 16.7
	Unloaded	fpm/mpm	70 / 21.3	70 / 21.3
Lower Speed	Loaded	fpm/mpm	95 / 28.9	95 / 28.9
	Unloaded	fpm/mpm	60 / 18.2	60 / 18.2
Mast Tilt	Forward / Backward	deg	3 / 4	3 / 4
Lost Load Center	A with Triple Mast	in/mm	24 / 607	24 / 607
Wheelbase	B	in/mm	56 / 1,422	56 / 1,422
Overall Length to Face of Forks	C with Triple Mast	in/mm	105 / 2,667	109 / 2,769
Underclearance	D	in/mm	4 / 102	4 / 102
Cab Floor Height	E	in/mm	32 / 889	32 / 889
Seat Height	F	in/mm	52 / 1,321	52 / 1,321
Overhead Guard Height	G	in/mm	90 / 2,286	90 / 2,286
Chassis Width	H	in/mm	52 / 1,321	56 / 1,422
Mast Shift	I	in/mm	30 / 762	30 / 762
Side Reach	J	in/mm	3 / 76	3 / 76
Side Deck Height	K	in/mm	52 / 1,321	52 / 1,321
Side Deck Width	L	in/mm	24 / 610	27 / 686
Fork Carriage Width	M	in/mm	41 / 1,041	41 / 1,041
Turning Radius	N	in/mm	93.5 / 2,375	96.5 / 2,451
Fork Length		in/mm	40 / 1,016	40 / 1,016
Gradeability	Loaded	%	15	15
Lift Motor Rating		kWh	17.6	17.6
Steer Motor Rating		kWh	6.5	6.5
Drive Motor Rating	2 Each	kWh	7.5 x 2	7.5 x 2
Wheel Sizes	Front (2 Each)	in/mm	20x9 / 508x229	20x9 / 508x229
	Rear (2 Each)	in/mm	16.25x7 / 413x178	16.25x7 / 413x178
Battery Recommended	Electric 80 Volt	kWh	53-55	53-55
Minimum Battery Weight		lbs/kg	4,300 / 1,955	4,300 / 1,955
Control Type	Traction, Dual		AC	AC
	Hydraulic		AC	AC

RECOMMENDED BATTERY

BATTERY DESIGNATION: 40-85-17, 80 VOLT, 680 AHC (6 HOUR RATE)

Battery Weight Min: 4,300 lbs. (1,955 kg) - Max. 4,700 lbs. (2,136 kg)

Leads: Position D, 36" Long, with SBX 350 Amp Black Connector, 2/0 Cable

Nominal Size: 39.9" x 44.625" x 22.625" (101 x 113 x 57.5 cm)

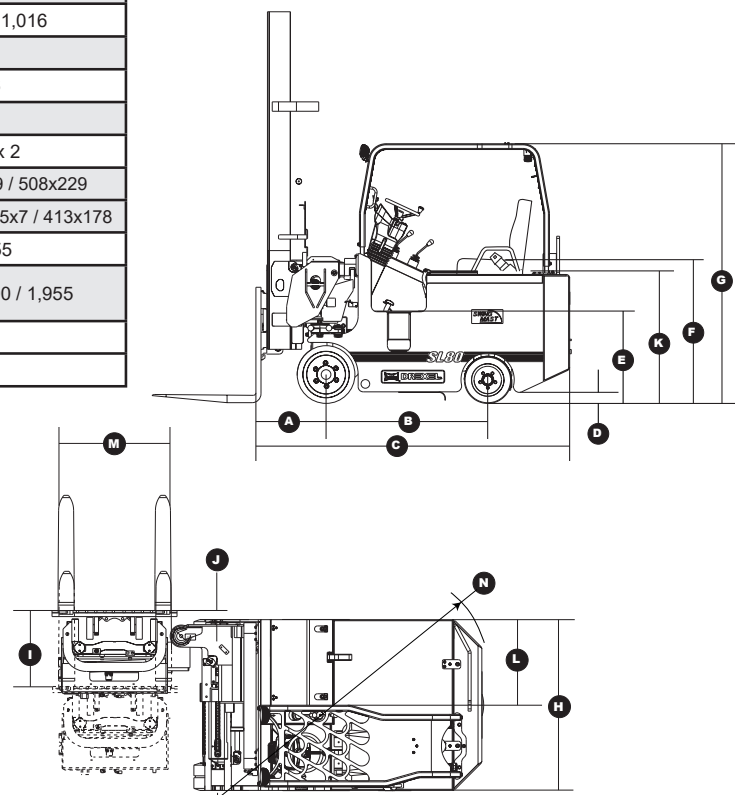
Compartment Size: 40.875" x 45.75" x 25" (104 x 116 x 63.5 cm)

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MAST DIMENSIONS

SL60AC Triple (3 Stage) Mast					
LIFT HEIGHT		LOWERED HEIGHT		FREE LIFT*	
Inches	Meters	Inches	Meters	Inches	Meters
141	3.58	83	2.11	41	1.04
159	4.04	89	2.26	47	1.19
177	4.50	95	2.41	53	1.35
197	5.00	103	2.62	61	1.55
221	5.61	113	2.87	71	1.80
245	6.22	125	3.17	83	2.11
259	6.58	131	3.33	89	2.26
289	7.34	141	3.58	99	2.51
SL60AC Quad (4 Stage) Mast					
294	7.47	117	2.98	75	1.91
SL80AC Duplex (2 Stage) Mast					
108	2.74	98	2.49	56	1.42
SL80AC Triple (3 Stage) Mast					
141	3.58	85	2.16	43	1.09
159	4.04	91	2.31	49	1.24
177	4.50	97	2.46	55	1.40
197	5.00	104	2.64	62	1.57
220	5.59	112	2.84	70	1.78
245	6.22	121	3.07	79	2.01
259	6.58	126	3.20	84	2.13
281	7.14	134	3.40	92	2.34

* Free Lift Based on 42" (1,067mm) High Load Backrest



SL60AC / SL80AC

Swing Mast™ VNA / Sideloading Electric Multi-Purpose
6,000 lb. (2,722kg) Capacity / 8,000 lb. (3,629kg) Capacity



DREXEL®



STANDARD FEATURES

- Four Wheel Design, Front Wheel Drive, Rear Wheel Steering
- High Visibility 3-Stage Mast
- 72 Volt Electrical System
- Safety Seat Switch and Retractable Seatbelt
- Front-Wheel, Self-Adjusting Wet Disc Brakes
- Hand Actuated Parking Brake
- GE “SCR” Controls
- Adjustable Steering Column with Battery Discharge Indicator and Hour Meter
- UL 583 Type “E” Construction, UL Listed
- Hydrostatic Power Steering
- Automatic Return-to-Neutral
- Locking Differential
- Load Backrest
- Horizontal Tilt Indicator
- Polyurethane Drive & Steer Tires
- 4-Post Overhead Guard that Meets ANSI B56.1

OPTIONAL FEATURES

- UL 583 Type “EE” UL Construction, UL Listed
- LED Headlights, Flashing Light and Rear Safety Lights
- Backup Alarm
- Fire Extinguisher
- Long Load Handling Deck Mount
- Lift Limit
- Integral Fork Positioner
- Non-Standard Fork Lengths
- Auxiliary Hydraulics
- “X” Groove Polyurethane Drive & Steer Tires



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SL120

Swing Mast™ Lift Truck Electric Multi-Purpose 12,000 lb (5,443kg) Capacity

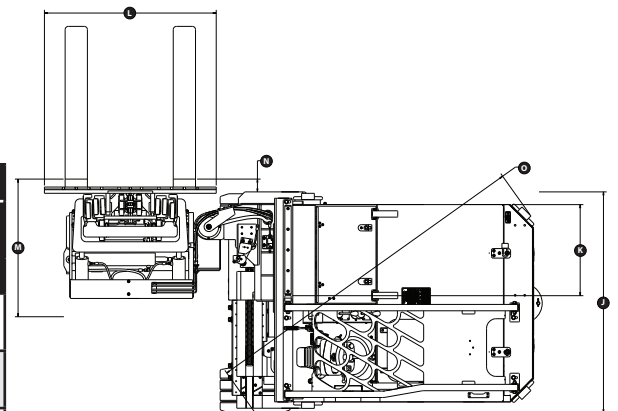
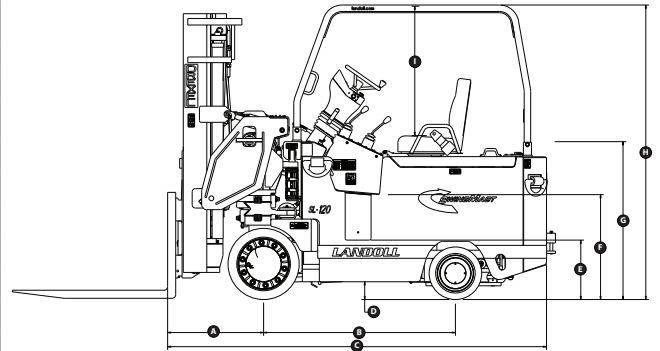
TECHNICAL DATA

MODEL		SL120	
Capacity		lbs/kg	12,000 / 5,443
Voltage			72
Load Center		in/mm	24 / 610
Weight with Battery		lbs/kg	29,100 / 13,199
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
Mast Underclearance		in/mm	8 / 203
Lost Load Center	A with Triple Mast	in/mm	30 / 762
Wheel Base	B	in/mm	59 / 1,499
Overall Length	C	in/mm	117 / 2,972
Underclearance	D	in/mm	5 / 127
Step Height	E	in/mm	18 / 457
Cab Floor Height	F Lowest Point	in/mm	32 / 813
Side Deck Height	G	in/mm	44 / 1,118
Overhead Guard Height	H	in/mm	91 / 2,311
SIP to Bottom of OHG	I	in/mm	40 / 1,016
Overall Width	J	in/mm	69.5 / 1,765
Side Deck Width	K	in/mm	29 / 737
Fork Carriage Width	L	in/mm	54 / 1,372
Mast Shift	M	in/mm	44* / 1,118*
Side Reach	N	in/mm	4 / 102
Turning Radius	O		106 / 2,692
Fork Length			42 / 1,067
Gradeability	Loaded	%	10
Tire Type	Drive / Steer		Poly / Poly
Tire Sizes	Drive	in/mm	22x14x16 / 559x356x406
	Steer	in/mm	16.2x8x11.2 / 411x203x285

MAST DIMENSIONS

MAX. FORK HEIGHT		COLLAPSED HEIGHT		FREE LIFT HEIGHT*		MAX OVERALL HEIGHT	
In	M	In	M	In	M	In	M
135	3.43	82	2.08	42	1.07	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	1.78	249	6.32
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 8" (203mm) Mast Underclearance



*Shift with mast in 'front' position equals 22" (559mm).

RECOMMENDED BATTERY

BATTERY DIMENSIONS AND SPECIFICATIONS							
Volts	No. of Cells	ACH (6 Hr Rate) (amp Hr/kWh)	Weight (lbs/kg)		Width (in/mm)	Length (in/mm)	Height (in/mm)
			Min	Max			
72	36	765 / 55	4,300 / 1,950	4,700 / 2,131	38.38 / 975	44.38 / 1,127	22.63 / 575
(2) 36	18	765 / 26.6	2,140 / 971	2,440 / 1,106	19.31 / 490	44.31 / 1125	22.63 / 575
Max Allowable Battery Capacity per UL is 765 amp Hr (55kWh)							
Battery Connector: 72 Volt - Green SBX 350; (2) 36 Volt - Grey SB 350							
Battery Lead: 72 Volt - Position "D", Length 36", Cable Size 2/0 AWG, with 36 Volt Tap (2) 36 Volt - Position "A", Length 36", Cable Size 2/0 AWG							
Battery Compartment Size: 45" x 39.75" x 22.75" (1,143 x 1,010 x 578mm)							

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QUALITY IS OUR FIRST PRIORITY



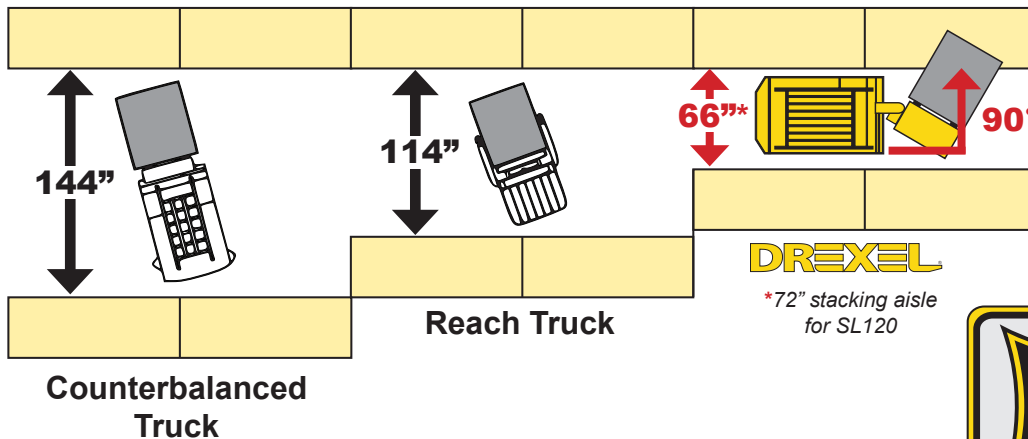
Exceptional Customer Support, Parts and Service

Landoll is committed to total customer satisfaction by providing products and services of the highest quality. Aftermarket parts and service is available world-wide through our factory trained dealer network and Landoll's service support department. Our 75,000 square foot Parts Distribution Center ensures quick and accurate delivery of parts to keep your equipment up and running. Experience for yourself the reason that Landoll Material Handling Products are #1 in customer retention.

Proven Solutions for Storage & Specialty Handling Applications

Family owned and operated since 1963, we make quality our first priority. Our goal is to provide the best solution for your material handling needs. Bendi articulating, Drexel SwingMast® Narrow Aisle and Very Narrow Aisle forklifts provide that solution. Through increased utilization of space, improved productivity, greater flexibility and maximized efficiency. We stay on the edge of modern and innovative technology. We know that for our customers "Quality is Always a Bargain".

FORKLIFT AISLE COMPARISON



Drexel VNA Forklifts save on warehouse space by **34%** compared to a reach truck and by **50%** compared to a counterbalanced truck.



MATERIAL HANDLING PRODUCTS

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