

DREXEL



STANDARD FEATURES

- Four-Wheel Configuration - 6,000 lb. (2,722kg) and 8,000 lb. (3,629kg) Capacity
- 80 Volt Electrical System
- AC Dual Traction Motor Controllers
- AC Hydraulic Motor Controller
- Battery Discharge Indicator with Lift Interrupt
- 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

OPTIONAL FEATURES

- EE Construction (Includes Battery Side Cover)
- 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

SL60AC
SL80AC

SWING MAST™ VNA/Sideload
Electric Multi-Purpose
6,000 lb. (2,722kg) Capacity
8,000 lb. (3,629kg) Capacity



**Material Handling
Products**

DREXEL SL60AC & SL80AC

VNA Sideloading | Electric Multi-Purpose

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
Wheelbase	B		in/mm	56 / 1,422
Overall Length to Face of Forks	C	with Triple Mast	in/mm	105 / 2,667
Underclearance	D		in/mm	4 / 102
Cab Floor Height	E		in/mm	32 / 889
Seat Height	F		in/mm	52 / 1,321
Overhead Guard Height	G		in/mm	90 / 2,286
Chassis Width	H		in/mm	52 / 1,321
Mast Shift	I		in/mm	30 / 762
Side Reach	J		in/mm	3 / 76
Side Deck Height	K		in/mm	52 / 1,321
Side Deck Width	L		in/mm	24 / 610
Fork Carriage Width	M		in/mm	41 / 1,041
Turning Radius	N		in/mm	93.5 / 2,375
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. (1955 kg) - Max. 4,700 lbs. (2136 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)

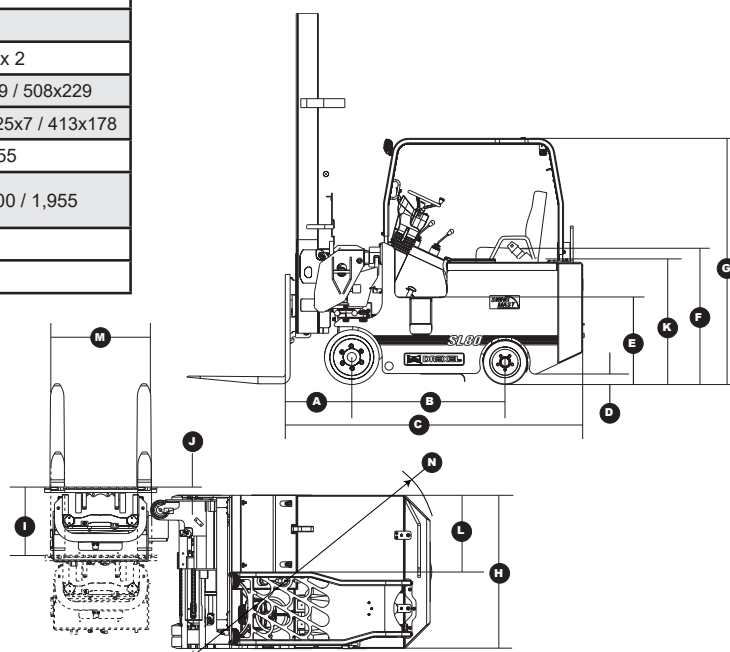
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DREXEL

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" (1067mm) High Load Backrest



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