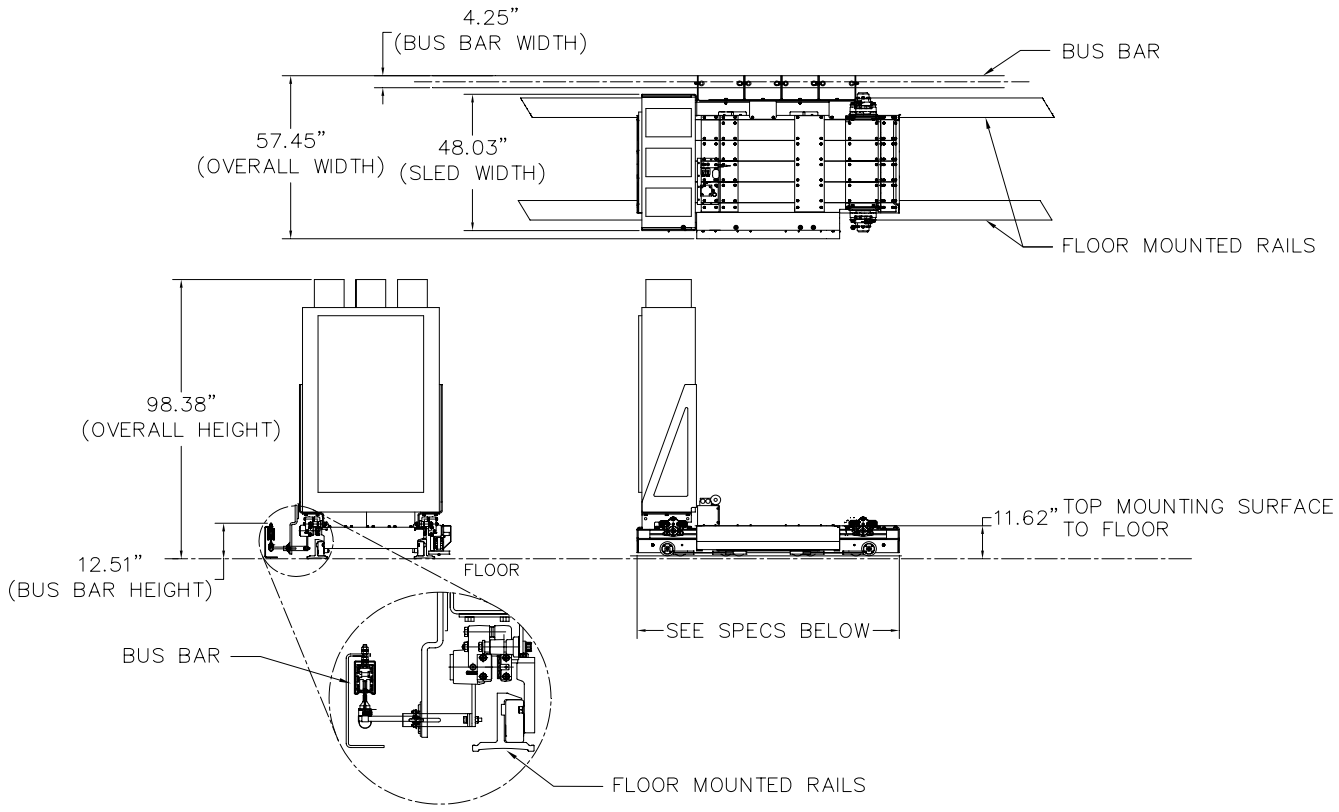
SPECIFICATION SHEET

LTV SLED – MODELS S100, S200 & S300



SPECIFICATIONS (As Shown)

Length	(S100) 88.23", (S200) 123.23", (S300) 158.23"
Weight	(S100) 1700 lbs, (S200) 2400 lbs, (S300) 3100 lbs
Electrical	480 VAC, 60 Hz, 3 Phase
Peak Velocity	1375 ft/min (7 m/sec)
Accuracy	+/- .010"

FEATURES

AT A GLANCE:

Patented Linear Drive Technology (Unmatched speed, payload capacity and positional accuracy)
Modular design results in adaptability for a wide variety of applications
Patented aluminum extrusion design is lightweight and incredibly strong
Designed for all types of warehouse and manufacturing environments
Easy access to all components for maintenance and repairs
Low noise levels
Environmentally friendly (no emissions)

CELERITY AUTOMATION, INC.
485 Ponderosa Drive Paintsville, Kentucky 41240
Phone: 606.789.8511 Fax: 606.789.7511
Email: mail@celerityautomation.com Website: www.celerityautomation.com

DATA

NOTE: The following results are intended to serve as an aid in determining application solutions. Actual results may vary, and will be finalized upon project design and engineering.

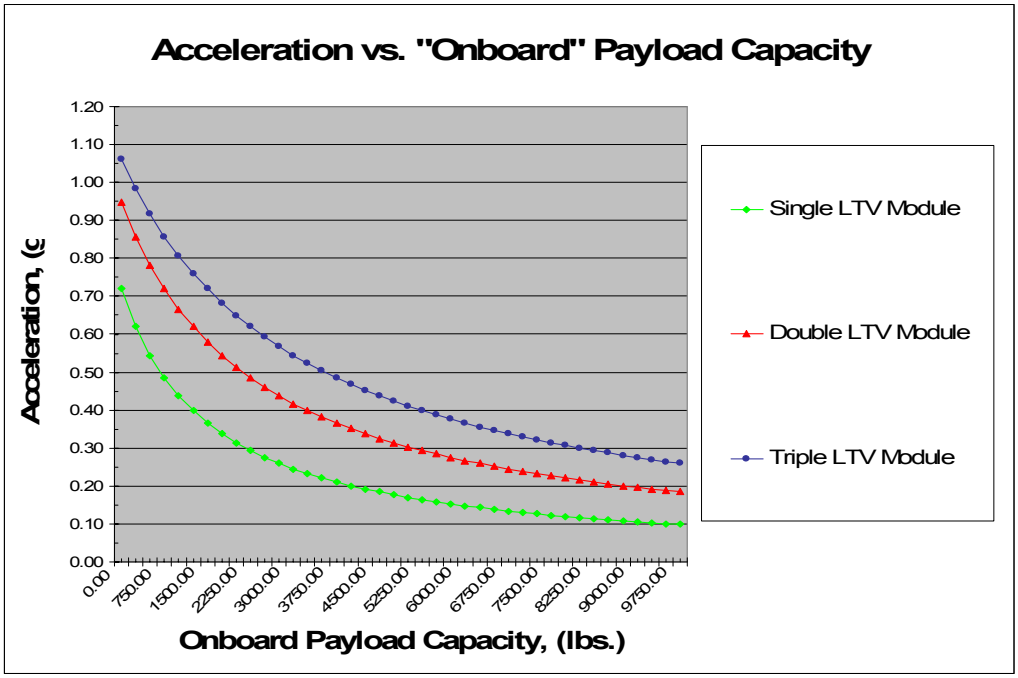
CYCLE TIME TABLE IN SECONDS

ACCEL (g)	TRAVEL DISTANCE (FEET)									
	10 ft	20 ft	30 ft	40 ft	50 ft	60 ft	70 ft	80 ft	90 ft	100 ft
0.25g	2.23	3.15	3.86	4.46	4.98	5.46	5.90	6.34	6.78	7.22
0.50g	1.58	2.23	2.73	3.17	3.60	4.03	4.47	4.91	5.34	5.78
0.75g	1.29	1.82	2.26	2.70	3.13	3.57	4.01	4.44	4.88	5.31
1.00g	1.11	1.58	2.02	2.45	2.89	3.33	3.76	4.20	4.63	5.07

ACCEL (g)	TRAVEL DISTANCE (FEET)									
	110 ft	120 ft	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft	200 ft
0.25g	7.65	8.09	8.52	8.96	9.40	9.83	10.27	10.71	11.14	11.58
0.50g	6.22	6.65	7.09	7.52	7.96	8.40	8.83	9.27	9.71	10.14
0.75g	5.75	6.19	6.62	7.06	7.50	7.93	8.37	8.80	9.24	9.68
1.00g	5.51	5.94	6.38	6.82	7.25	7.69	8.13	8.56	9.00	9.43

How The Table Works

The travel distances (10 ft to 200 ft) are from 0 on the scale. Each cycle consists of an acceleration at the (g) force shown, travel at max speed of 1,375 fpm (distance allowing) and deceleration in the same time and distance as the acceleration. The time (in seconds) is in the box corresponding to the acceleration and distance. By adding the time required to perform the mounted equipment's function at each position, the overall throughput of a series of moves can be calculated. This is a decent way to estimate the cycles per hour that can be achieved with your assembled equipment on the LTV SLED.



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