

Powered Vacuum Lifters / Tilters with Powered Tilting

Powered Upending for One-Person Manipulation of Loads

Made in the USA! 



Typical Vacuum Lifters with powered tilt (powered upenders) for handling your tilting needs with ease. Powered tilting action is designed to be stopped at any intermediate angle by one person.

Anver Vacuum Tilters and Upenders are loaded with safety features and have come to set the standard for safe tilting of loads. Each version has been revised over the years to perform better and last longer. The pads, vacuum generators, frame, controls, hardware, filters, safety features and handlebars etc are all new and improved. Every aspect of the lifters has been redesigned and the latest represent the best Tilters available.

The Standard and Lightweight Electric-Powered (ET/ETL) and Air-Powered (AT/ATL) Series Vacuum Lifters/Tilters are designed to significantly reduce the effort of upending heavy loads while providing powerful suction force and 90 degree tilt capability. Built with safety in mind, these lifters/tilters are loaded with protective features including: a VLS-08, 9V battery powered vacuum leakage sensor and warning system; an attach/release slide valve with safety lock; and locking knobs on the adjustable vacuum pad, slide assemblies, and crossarms (when applicable). The ET and AT Series Lifters/Tilters are capacity rated at a maximum vacuum level of 24 in. Hg (609.6 mm Hg) with a 4:1 safety factor on vacuum holding (unless otherwise specified).



[90° Powered Tilting](#)

The dual filter/reservoir assembly, equipped on both electric-powered and air-powered vacuum upenders, offers a clean and reliable vacuum hold in less than ideal environments. Constructed with an ergonomic lifter handlebar, a welded steel lifting frame, and end of beam positioning handles, operators can use this equipment with ease and comfort for a wide range of loads and applications.

*Load weight and depth affect the final angle that the lifter achieves. Consult ANVER for ET/AT loads thicker than 1.18 in. (3cm) and ETL/ATL loads thicker than 2 in. (51mm) due to center of gravity offset.

Also Available on Select Models:

Note: The unit weight does not include optional accessories.

ET/ETL Series



[90° Powered Tilting](#)

[with Manual Rotation](#)

Features

- VPF-07UP vacuum generator with vacuum gauge and master on/off switch (ET Only)
- EP1001UP vacuum generator with vacuum gauge and master on/off switch (ETL Only)
- Electric actuator with anti-coast brake to provide 90 degree tilt
- VLS-08, 9V battery powered vacuum leakage sensor and warning system

Specifications

- Max. load capacity: 500 lbs. (227kg) – 2,000 lbs. (907kg) (ET Only); 250 lbs. (113 kg) (ETL Only)
- Power required: 115V/60hz/1ph, and 8-13 amps (ET Only)/8 amps (ETL Only). 15 amp service required for both ET and ETL*
- Tilt speed: 8 sec. (500 lbs./227 kg) for ET and ETL; and 17 sec. (1,000 lbs./454 kg), 24 sec. (1,500 lbs./680 kg), 14 sec. (2,000 lbs./907 kg) for ET Only

- Resettable circuit breakers for pump and actuator
- Tilt control pendant with 10 ft. (3.5m) coil cord and pendant holster
- Electrical cord with twist lock, male and female receptacles
- Check valve to halt loss of vacuum in case of electrical power failure
- Tilt cycles per hour: 56 (500 lbs./227 kg) for ET and ETL; and 26 (1,000 lbs./454 kg), 18 (1,500 lbs./680 kg), 32 (2,000 lbs./907 kg) for ET Only
- Vacuum pump/motor 4.3 SCFM (121.8 l/min), 1/2 HP; equipped with thermal sensor to prevent overheating for both ET and ETL; and 100% duty cycle for ETL Only

AT/ATL Series

Features

- APF-07UP vacuum generator with vacuum and pressure gauges (AT Only)
- AL1001UP vacuum generator with vacuum and pressure gauges (ATL Only)
- 3/8 NPT air inlet with locking slide valve
- VLS-08, 9V battery powered vacuum leakage sensor and warning system
- Pre-set pressure regulator to allow lifter to be operated on lines with higher supply pressure
- Single-stage Venturi with check valve to halt loss of vacuum from generator in case of air supply failure
- Heavy duty air cylinder to provide 90 degree tilt
- Flow control valves to control tilt speed
- Handle mounted lever valve for tilt controls

Specifications

- Max. load capacity: 500 lbs. (227kg) – 2,000 lbs. (907kg) (AT Only); 250 lbs. (113 kg) (ATL Only)
- Power required: 90-120 psi; clean, dry compressed air, 10.5 SCFM (297.3 l/min)
- Tilt speed: variable with 100% duty cycle, will not overheat



Single Pad Powered Tilt Models

Lifter Models	Typical Sheet Size	Rated Load Capacity	
25S	4x4	250 lb	(113 kg)
50S	5x5	500 lb	(227 kg)
100S	5x5	1000 lb	(454 kg)



Two Pad Powered Tilt Models

Lifter Models	Typical Sheet Size	Rated Load Capacity	
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25M2-	8x4	10x4	12x4	250 lb	(113 kg)
50M2-	8x6	8x10	12x6	500 lb	(227 kg)
75M2-	8x6	8x10	12x6	750 lb	(340 kg)
100M2-	8x6	8x10	12x6	1000 lb	(454 kg)



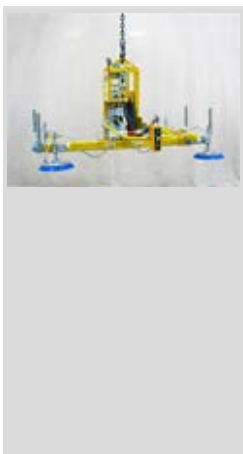
Three Pad In-line Powered Tilt Models

Lifter Models	Typical Sheet Size			Rated Load Capacity	
75M3-	8x6	10x6	12x6	750 lb	(340 kg)
150M3-	8x6	10x6	12x6	1500 lb	(680 kg)



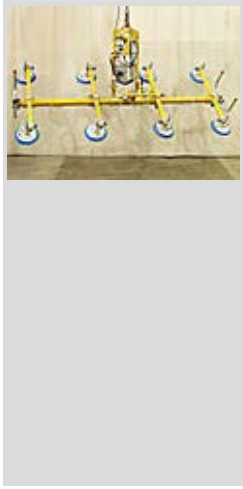
Four Pad In-line Powered Tilt Models

Lifter Models	Typical Sheet Size			Rated Load Capacity	
100M4-	8x6	10x6	12x6	1000 lb	(454 kg)
150M4-	8x6	10x6	12x6	1500 lb	(680 kg)
200M4-	8x6	10x6	12x6	2000 lb	(907 kg)



Four Pad Adjustable Crossarm Powered Tilt Models

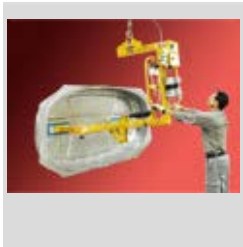
Lifter Models	Typical Sheet Size			Rated Load Capacity	
25M4-	8x6	10x6	12x6	250 lb	(113 kg)
50M4-	10x6	12x6		500 lb	(227 kg)
100M4-	10x6	12x6		1000 lb	(454 kg)
150M4-	8x6	10x6	12x6	1500 lb	(680 kg)
200M4H-	10x6	12x6		2000 lb	(907 kg)



Eight Pad Adjustable Crossarm Powered Tilt Models

Lifter Models	Typical Sheet Size	Rated Load Capacity
25M8-	6x6 8x6 10x6	250 lb (113 kg)
50M8-	10x6 12x6 16x6	500 lb (227 kg)
100M8-	10x6 12x6 16x6	1000 lb (454 kg)
200M8-	12x6 16x6 20x6	2000 lb (908 kg)

***Note:** Eight rubber seal pad models 20x6 sheet size available with electric VPE3 generator only.



Custom Model Powered Tilters and 180° Flipper-Upenders

Contact our application engineers to help you meet your lifting and tilting needs.

