



QUADRA-TILTS 500 & 700

MODELS:
MTA49ACS & MTA411LACS

These vacuum lifters provide an ergonomic way to tilt and transfer sheet materials.

Quadra-Tilt System

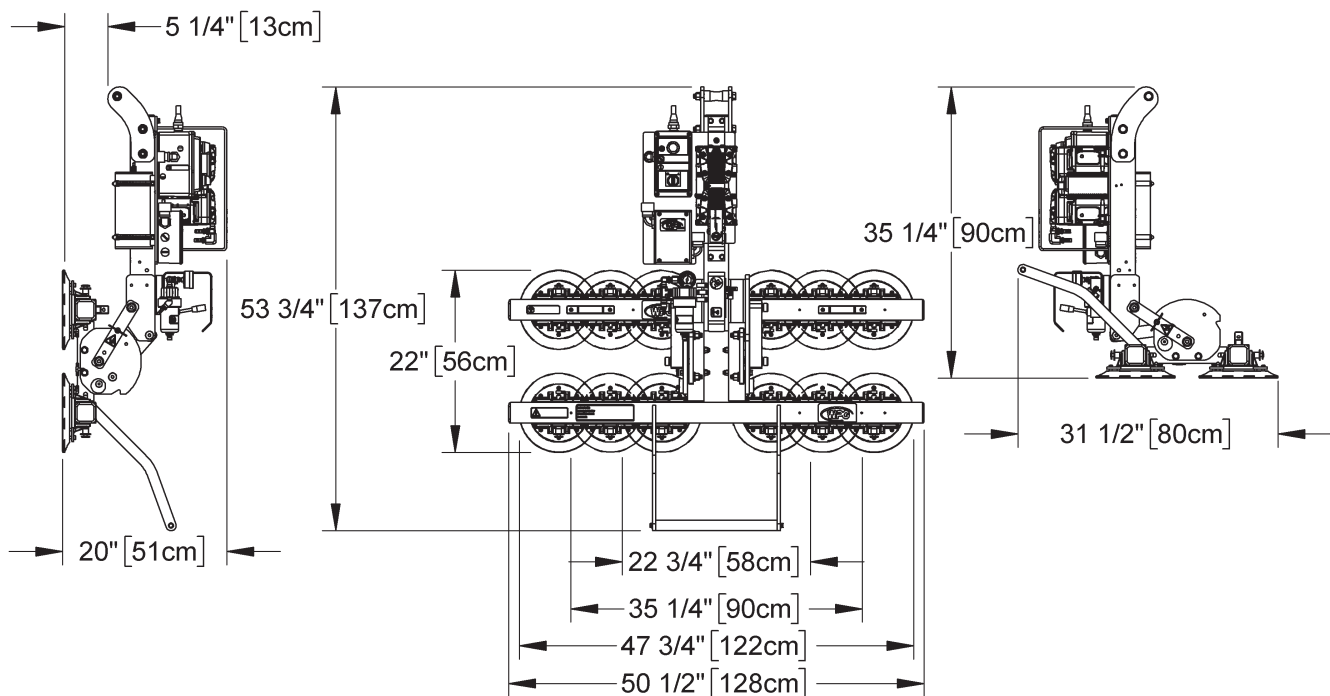
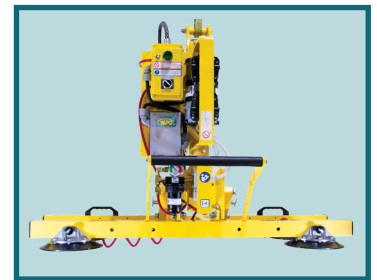
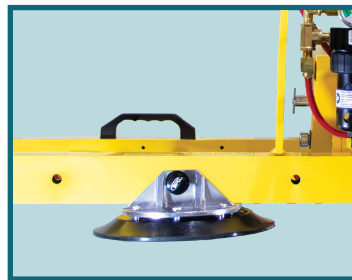
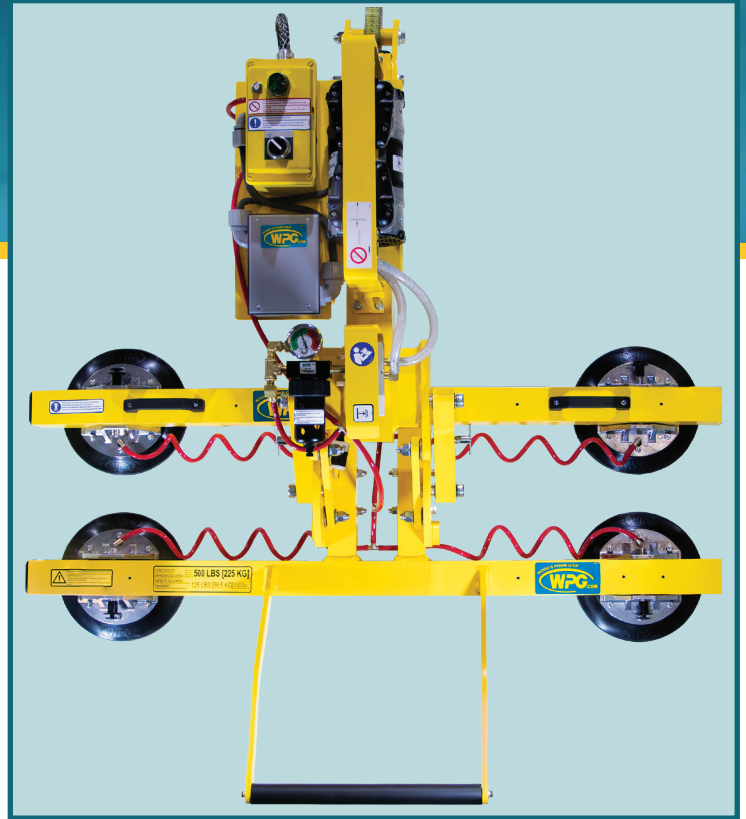
Four-bar linkage makes tilting easier!

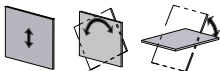
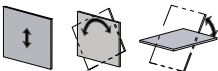
Movable Pad Mounts

Adjust to match dimensions of different loads — tool-free!

Tilt Locks

Secure a load in either a flat or vertical orientation.



Model	MTA49ACS	MTA411LACS
Maximum Load Capacity	500 lbs [225 kg]	700 lbs [320 kg]
Load Movement	Assisted manual tilt, 90° between upright and flat 	Assisted manual tilt, 90° between upright and flat 
Standard Operating Power	120 volts AC, 60 hertz, 6 amps (240 volts AC, 60 hertz, 3 amps also available)	120 volts AC, 60 hertz, 6 amps (240 volts AC, 60 hertz, 3 amps also available)
Apply/ Release Times	2 seconds/ 1 second (approximately)	2 seconds/ 1 second (approximately)
Standard Pad Spread	22" x 47-3/4" [56 cm x 122 cm]	22-3/4" x 49" [60 cm x 125 cm]
Number/Size of Pads	4 / 9" [23 cm] diameter vacuum pads	4 / 11" [28 cm] diameter vacuum pads, lipped
Lifter Weight	130 lbs [59 kg]	150 lbs [68 kg]

STANDARD FEATURES

Green Lift Light

Provides visual assurance to know when vacuum is sufficient for lifting

Twist-Lock Electric Plug

Provides a secure connection to the AC power source, to prevent accidental disconnection

Vacuum Gauge

Features green and red zones to clearly indicate whether vacuum level is sufficient for lifting

Vacuum Line Filter

Prevents liquid and other contaminants from damaging the vacuum generating system

Movable Pad Mounts

Allow vacuum pads to be moved without tools, adapting the lifter to various load sizes

Spring-Mounted Vacuum Pads

Automatically adjust to match the angle of load surfaces, easing attachment

Blow-Off Release

Reverses airflow to quickly separate vacuum pads from loads, without after-stick

AVAILABLE OPTIONS

Air (Venturi) Power System (MTA49AIRS, MTA411LAIRS)

Enables lifter to operate using compressed air supply already available in many production facilities (Specifications may not be as listed. Please contact us for more information.)

DC Power System (MTA49DCS, MTA411LDCS)

Enables lifter to operate anywhere on job sites or in multiple shop locations, avoiding the inconvenience of power cords or hoses. (Specifications may not be as listed. Please contact us for more information.)

Vacuum Loss Warning Buzzer (93780BM)

Uses advanced logic circuitry to monitor vacuum level and sound an alarm only when insufficient vacuum could be hazardous

Individual Pad Shutoffs (93011)

Enable lifter to handle various load sizes and shapes by shutting off airflow from specific vacuum pads

Voltage Adaptation

Enables lifters to operate using AC voltages best suited to specific uses and geographical areas

Alternative Pad Compounds

Specially designed for heat resistance, marking resistance, coated surfaces and other purposes

Alternative Pad Frame Dimensions and Configurations

Enable lifter to handle additional load sizes and shapes

DESIGN STANDARDS

ASME B30.20 (BTH-1 Design Category "B", Service Class "0"): Industry standards established by the American Society of Mechanical Engineers (ASME) and published by the American National Standards Institute (ANSI)

Based on product information at time of publication.

Environmental conditions can affect product performance and longevity; consult the product instructions on WPG.com or contact a Technical Sales Representative for more information.

Wood's Powr-Grip products are sold through authorized dealers.