



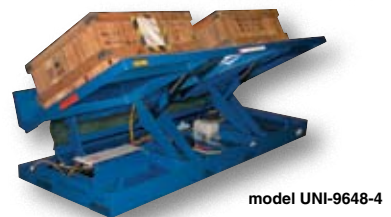
DVD or VIDEO AVAILABLE

LINE-X
Custom Finish Available

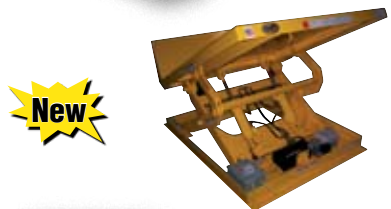
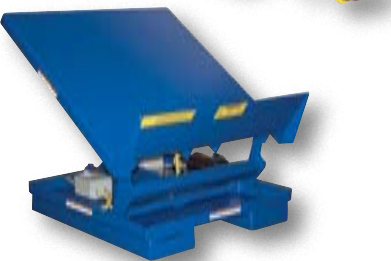
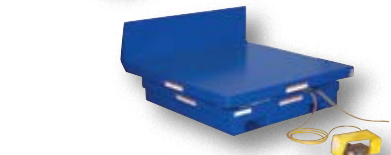


DVD or VIDEO AVAILABLE

model UNI-4848-4



model UNI-9648-4



New

Zero Lift & Tilt Tables

Designed to lift or tilt products to an ergonomic working position, reducing operator bending. Products may be loaded and unloaded with the use of a standard hand pallet truck. No pit mounting required! Maximum tilt angle is 45°. Lift and tilt controlled separately. Remote power unit with hand-held control standard.

MODEL NUMBER	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	RAISED HEIGHT	OVERALL SIZE (W x L x H)	NET WT. (POUNDS)	LIST PRICE EACH
ZLTT-4452-2-36	44" x 52"	2,000	36"	69" x 59" x 24"	2121	
ZLTT-4452-4-36	44" x 52"	4,000	36"	69" x 59" x 24"	2173	
ZLTT-5252-2-36	52" x 52"	2,000	36"	77" x 59" x 24"	2205	
ZLTT-5252-4-36	52" x 52"	4,000	36"	77" x 59" x 24"	2257	
ZLTT-4472-2-48	44" x 72"	2,000	48"	69" x 79" x 24"	2950	
ZLTT-4472-4-48	44" x 72"	4,000	48"	69" x 79" x 24"	3013	
ZLTT-5272-2-48	52" x 72"	2,000	48"	77" x 79" x 24"	3045	
ZLTT-5272-4-48	52" x 72"	4,000	48"	77" x 79" x 24"	3129	

FOOT CONTROL, MODEL ZLTT-FC,
RAISED HEIGHT NOTED WITH PLATFORM IN LEVEL POSITION

DC-20/FC-100

Single Scissor Lift & Tilt Tables

Designed to position containers within easy reach of assembly line workers and machine operators. This unique design reduces fatigue by minimizing repetitive bending and stretching required to obtain components from containers. 96" x 48" unit accommodates (2) 48" x 48" containers, ideal for parts transfer and assembly. Platform includes a 12" high lip on tilt side. A selector pedal allows the operator to lift while tilting, or tilt then lift. 2HP, 208-230/460V, 3-phase, 60 Hz totally enclosed motor is standard, other voltages available. Other standard features include: a two-button handheld control, integrated maintenance lock, pressure plated pump, pressure compensated flow valve, lowering valve, independent oil return, and an adjustable upward travel limit switch. Unit must be lagged to floor.

MODEL NUMBER	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	LEVEL HEIGHT	MAXIMUM TILT	POWER UNIT	NET WT. (POUNDS)	LIST PRICE EACH
UNI-4848-4	48" x 48"	4,000	8"	40°	INTERNAL	792	
UNI-5448-4	54" x 48"	4,000	8"	40°	INTERNAL	870	
UNI-9648-4	96" x 48"	4,000	8"	40°	INTERNAL	1584	
UNI-4848-6	48" x 48"	6,000	8"	40°	INTERNAL	915	
UNI-5448-6	54" x 48"	6,000	8"	40°	INTERNAL	950	

AIR BAG UNI-TILT AVAILABLE, CONTACT FACTORY
THREE SIDED ACCORDION SKIRT AVAILABLE, CONTACT FACTORY

DC-20/FC-70

Portable Uni-Tilts

Now you can transport your tilter from workstation to workstation quickly and easily with a fork truck. This unique design reduces fatigue by minimizing repetitive bending and stretching required to obtain components from containers. Platform includes a 12" high lip on tilt side. A selector pedal allows the operator to lift while tilting or tilt then lift. 2HP, 208-230/460V, 3PH AC power unit with hand pendant control is standard, other voltages available. Features the same standard features as our original Single Scissor Lift and Tilt Table above.

MODEL NUMBER	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	LEVEL HEIGHT	MAXIMUM TILT	POWER UNIT	NET WT. (POUNDS)	LIST PRICE EACH
UNI-P-4848-4	48" x 48"	4,000	12"	40°	INTERNAL	1197	
UNI-P-5448-4	54" x 48"	4,000	12"	40°	INTERNAL	1241	

USABLE FORK POCKETS ARE 7½"W x 2½"H

DC-20/FC-70

Lift & Tilt Workstation Tables

Design of unit allows platform to lift & tilt at the same time for easy operation. Maximum tilt angle is 45° for better ergonomics and operator comfort. Service height range is 10" to 24" (to lowest point of platform surface). Platform end includes 12" high full-width lip to support containers. Internal power unit includes electric motor, hydraulic pump, and control box. Operates with 24V AC hand control on 8 ft. cord. Choose 115/230V single phase or 208/230/460V three phase power. Welded steel construction with yellow painted finish.

MODEL NUMBER	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	MAXIMUM TILT	NET WT. (POUNDS)	LIST PRICE EACH
ULTT-3648-2	36" x 48"	2,000	45°	860	
ULTT-4848-2	48" x 48"	2,000	45°	1060	
ULTT-5448-2	54" x 48"	2,000	45°	1095	
ULTT-3648-4	36" x 48"	4,000	45°	940	
ULTT-4848-4	48" x 48"	4,000	45°	1110	
ULTT-5448-4	54" x 48"	4,000	45°	1140	
ULTT-3648-6	36" x 48"	6,000	45°	1120	
ULTT-4848-6	48" x 48"	6,000	45°	1330	
ULTT-5448-6	54" x 48"	6,000	45°	1360	

FOOT CONTROL, MODEL ULTT-FC,

DC-20/FC-70

Hinge & Sliding Tilt Tables

Hinge and Sliding Tilt Tables offer the rugged durability of the standard Efficiency Master line of tilters, plus they offer an extra low platform height. A 12" lip without side gussets allows for loading and unloading on three sides. Standard features include a 2 HP 208-230/460V AC power unit with a 24 volt two button hand held pendant control, other voltages available. A pressure plated pump coupled to an application specific manifold features counterbalanced valves and modulated flow control for maximum efficiency.

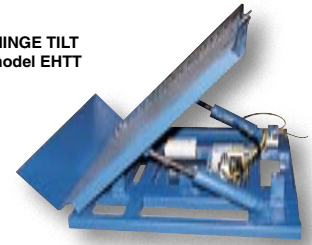
The Sliding Tilt Table incorporates a patented sliding link-tilt design for maximum stability while occupying minimum space. As the table is tilted, the front edge of the container moves away from the operator. The center-of-gravity of the load remains closer to the center of the frame.

MODEL NUMBER	DESIGN	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	LEVEL HEIGHT	MAXIMUM TILT	NET WT. (POUNDS)	LIST PRICE EACH
EHTT	HINGE	48" x 48"	4,000	10"	45°	1427	
EHTT-L	SLIDING	48" x 48"	4,000	8"	45°	1449	

THREE SIDED ACCORDION SKIRT AVAILABLE, CONTACT FACTORY

DC-20/FC-70+

HINGE TILT model EHTT



SLIDING TILT model EHTT-L



Efficiency Master Tilt Tables

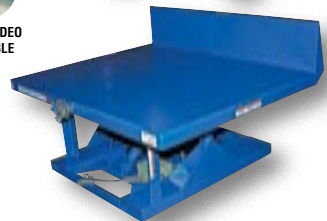
The model EM1-200 tilts pallets, crates, boxes, or baskets 45° to facilitate easy container loading or unloading. Tables feature all welded steel construction for years of durability. Unique design minimizes pinch points to meet OSHA requirements. Units are equipped with an industrial quality, 56 frame 2 HP motor. This motor delivers best torque with minimal amperage draw for maximum life. Standard voltage is 208-230/460V 3 phase, other voltages available. A 24V push button hand control is standard.

The model EM1-500 incorporates all of the same quality features found in the Series EM1-200 but features a full 90° of tilt. Unit is ideal for upending products in shipping and receiving operations. Standard with double acting cylinder for controlled tilt and return. Unit must be lagged to floor.

48 Hours to Ship



DVD or VIDEO AVAILABLE



45° EFFICIENCY MASTER features a 12" high lip series EM1-200

QUICKSHIP (460V 3 PHASE ONLY)

MODEL NUMBER	USABLE SIZE (W x L)	CAPACITY (POUNDS)	MAXIMUM TILT	HORIZONTAL HEIGHT	NET WT. (POUNDS)	LIST PRICE EACH
EM1-200-4848-2	48" x 48"	2,000	45°	24"	741	
EM1-200-4848-4	48" x 48"	4,000	45°	24"	793	

OTHER VOLTAGES ADD

& ONE ADDITIONAL WEEK TO LEAD TIME, model EM-VCC

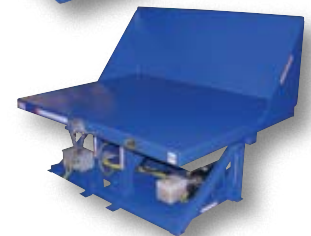
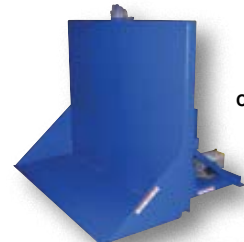
DC-20/FC-70+

MODEL NUMBER	USABLE SIZE (W x L)	CAPACITY (POUNDS)	MAXIMUM TILT	HORIZONTAL HEIGHT	NET WT. (POUNDS)	LIST PRICE EACH
EM1-200-4250-2	42" x 50"	2,000	45°	24"	710	
EM1-200-6050-2	60" x 50"	2,000	45°	24"	804	
EM1-200-4250-4	42" x 50"	4,000	45°	24"	750	
EM1-200-6050-4	60" x 50"	4,000	45°	24"	854	
EM1-200-4250-6	42" x 50"	6,000	45°	24"	792	
EM1-200-4848-6	48" x 48"	6,000	45°	24"	802	
EM1-200-6050-6	60" x 50"	6,000	45°	24"	882	
EM1-500-4250-2	42" x 50"	2,000	90°	24"	734	
EM1-500-4848-2	48" x 48"	2,000	90°	24"	827	
EM1-500-6050-2	60" x 50"	2,000	90°	24"	968	
EM1-500-4250-4	42" x 50"	4,000	90°	24"	784	
EM1-500-4848-4	48" x 48"	4,000	90°	24"	850	
EM1-500-6050-4	60" x 50"	4,000	90°	24"	1008	
EM1-500-4250-6	42" x 50"	6,000	90°	24"	835	
EM1-500-4848-6	48" x 48"	6,000	90°	24"	866	
EM1-500-6050-6	60" x 50"	6,000	90°	24"	1092	

OPTIONAL FOOT CONTROL, model EM-FC,

DC-20/FC-70+

LINE-X
Custom Finish Available



90° EFFICIENCY MASTER features a 24" high lip series EM1-500

EFFICIENCY MASTER TILT TABLE OPTIONS

MODEL NUMBER	DESCRIPTION	LIST PRICE EACH
45° TILTERS		
EM1-300-APPB	*HAND HELD CONTROL AIR POWERED HYDRAULIC 2.8 HP 1 GPM (ROTARY)	
EM1-300-APFC	*FOOT CONTROL AIR POWERED HYDRAULIC 2.8 HP 1 GPM (ROTARY)	
EM1-300-APFT	*FOOT TREADLE AIR POWERED 2000# & 4000# ONLY (RECIPROCATING)	
90° TILTERS		
EM1-600-APPB	*HAND HELD CONTROL AIR POWERED HYDRAULIC 2.8 HP 1 GPM (ROTARY)	
EM1-600-APFC	*FOOT CONTROL AIR POWERED HYDRAULIC 2.8 HP 1 GPM (ROTARY)	

*FILTER REGULATOR - LUBRICATOR REQUIRED TO OPERATE UNIT (WARRANTY VOID WITHOUT)



Ground Tilter

The Ground Tilter is the best product for tilting applications which require the use of a pallet truck for loading and unloading. Rotate containers up to 45° from floor level to provide better access to parts in containers. Platform includes a 17" high lip on tilt side. A removable positioning bar is provided for use with smaller containers. Designed with worker safety in mind, pinch point guards are provided on all four sides of the unit. 2HP, 208-230/460V motor standard, other voltages available. Remote power unit with a protective cover measures 24"W x 24"L x 8"H. Hand pendant control standard. Optional foot control available.

MODEL NUMBER	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	LEVEL HEIGHT	MAXIMUM TILT	POWER UNIT	NET WT. (POUNDS)	LIST PRICE EACH
GLT-4000	48" x 50"	4,000	1/2"	45°	EXTERNAL	1315	

FOOT CONTROL, MODEL GLT-FC.

DC-20/FC-70+

Bench Top Tilters

Heavy-duty steel Bench Top Tilters tilt loads from 0° to 45° (3" lip). Easily attached to most industrial table tops, work benches, and mobile lift tables of sufficient load capacity and surface size. Unit slides back as it tilts to maintain the center of gravity over the frame. Manual units need to be adjusted only when unloaded. Linear Actuated units are equipped with a push-button hand pendant control, located on an 8 foot cord. Flat base plate with slotted holes for installation.



MODEL NUMBER	PLATFORM SIZE (W x L x H)	CAPACITY (POUNDS)	MAXIMUM TILT	OPERATION	NET WT. (LBS.)	LIST PRICE EACH
BTT-6-36	28" x 36" x 2"	600	15°, 30° & 45°	MANUAL	60	
BTT-6-46	28" x 46" x 2"	600	15°, 30° & 45°	MANUAL	72	
BTT-5-36	28" x 36" x 5"	500	0° TO 45°	LINEAR ACTUATED	84	
BTT-5-46	28" x 46" x 5"	500	0° TO 45°	LINEAR ACTUATED	96	
BTT-10-36	28" x 36" x 3"	1,000	0° TO 45°	LINEAR ACTUATED	96	
BTT-10-46	28" x 46" x 3"	1,000	0° TO 45°	LINEAR ACTUATED	108	

DC-25/FC-70+

Air Corner Tilters

The floor level airbag powered tilter provides ergonomic loading and unloading of bulk containers, gaylords, or crates. Pallet truck and fork truck accessible. Tilts up to 45°. Activated by a hand operated control lever or foot pedal. By adjusting the air regulator to a predetermined pressure, the air bag inflates tilting the container automatically as it is unloaded. As the container becomes lighter, it automatically tilts and the material shifts to the corner of the container where it can be easily removed by manual or mechanical means. The adjustable regulator is factory preset to begin rotating the container when the weight reaches approximately 900 lbs. Pressure is easily adjustable for the weight of your application.

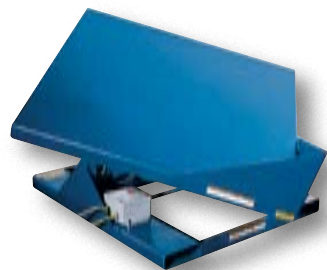


MODEL NUMBER	DESCRIPTION	PLATFORM SIZE (W x L)	CAPACITY (POUNDS)	NET WT. (POUNDS)	LIST PRICE EACH
AIR-THL	HAND LEVER OPERATION	44" x 44"	1,500	460	
AIR-TFP	FOOT TREADLE OPERATION	44" x 44"	1,500	460	
AIR-PVO	POWER VIBRATOR OPTION	--	--	30	

DC-20/FC-100+

Electric/Hydraulic Corner Tilters

Reduce repetitive motion injuries and fatigue while making your job easier and faster. Designed to corner tilt pallets, crates, boxes, or baskets 30°. AC powered with 2HP motor, 208-230/460V 3 phase with a push button control, other voltages available. Built in fork tubes for easy portability with a fork truck.



MODEL NUMBER	PLATFORM SIZE (W x L x H)	CAPACITY (POUNDS)	MAXIMUM TILT	NET WT. (POUNDS)	LIST PRICE EACH
EMC-4242-2	42" x 42" x 24"	2,000	30°	750	
EMC-4242-4	42" x 42" x 24"	4,000	30°	800	
EMC-4848-2	48" x 48" x 24"	2,000	30°	800	
EMC-4848-4	48" x 48" x 24"	4,000	30°	850	

FOOT CONTROL, MODEL EMC-FC.

DC-20/FC-100+

Manual Tilt Master

Lift, tilt, and transport crates, boxes, and pallets with an open bottom. Designed to give the user an ergonomically correct position to reach loads easily without the need for bending down or excessively reaching over. Forks can be tilted to 90°. Rolls smoothly on 6" x 2" polyurethane swivel casters with brake and foot protectors. Width between forks is 9½". The overall fork width is 22". The individual fork width is 6½".



MODEL NUMBER	CAPACITY (POUNDS)	VERTICAL LIFT HEIGHT	LOWERED FORK HEIGHT	FORK LENGTH	OVERALL WIDTH	NET WT. (POUNDS)	LIST PRICE EACH
TM-22-M	2,200	11¼"	3½"	31½"	25¼"	425	

DC-25/FC-70+

Tilt Master & Tilt Master Straddle

Lift and position filled tote boxes or baskets without the need of a fork truck or lift table using the newly designed heavy-duty Tilt Master. These 90° tilters will function as transporters by moving completed products from work station to work station without waiting for a fork truck.

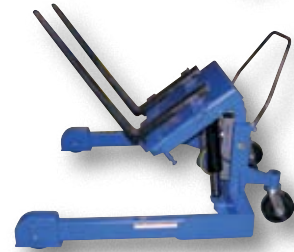
A folding ergonomic handle for quick and easy maneuverability. Unit has a thin profile to allow the user to get as close to the load as possible. Units roll easily on 8" x 3" phenolic steering wheels. Floor lock standard. Series TM is designed to be used with open bottom pallets or skids only while the Tilt Master Straddle units, series TMS, can be used with virtually any kind of container or pallet. Units are powered with a 12V DC electric motor including an on-board battery charger standard. AC or *AIR/OIL power units available contact factory (*filter - regulator - lubricator required). Units come standard with a push-button hand control on an 8 foot coil cord.



TILT MASTER
With Only 10½" of Reach



DVD or VIDEO
AVAILABLE



TILT MASTER STRADDLE
With Only 13½" of Reach



TILT MASTER & TILT MASTER STRADDLE OPTIONS			
MODEL NUMBER	DESCRIPTION	NET WEIGHT (POUNDS)	LIST PRICE EACH
TM-CHUTE	RETROFIT CHUTE OPTION	18	
TM-PTDS	POWER TRACTION DRIVE SYSTEM	156	
TM-BCI	BATTERY CHARGE INDICATOR GAUGE	10	

MODEL NUMBER	CAPACITY (POUNDS)	FORK ADJUSTMENT	OPERATOR REACH	FORK WIDTH	ROTATED HEIGHT	LOWERED HEIGHT	OVERALL SIZE (W x L x H)	NET WEIGHT (POUNDS)	LIST PRICE EACH
TILT MASTER									
TM-20	2,000	FIXED AT 26" (OD)	10½"	6"	33"	3-5/8"	40½" x 68" x 28½"	715	
TM-40	4,000	FIXED AT 26" (OD)	10½"	6"	33"	3-5/8"	40½" x 68" x 28½"	770	
TM-60	6,000	FIXED AT 27" (OD)	10½"	6½"	33"	3-5/8"	40½" x 68" x 28½"	851	
TILT MASTER STRADDLE									
TMS-20	2,000	½" TO 29½" (ID)	13½"	4"	37"	2-5/8"	57" x 61" x 28½"	840	
TMS-40	4,000	½" TO 29½" (ID)	13½"	4"	37"	2-5/8"	57" x 61" x 28½"	1155	
TMS-60	6,000	½" TO 29½" (ID)	13½"	4"	37"	2-5/8"	57" x 61" x 28½"	1365	

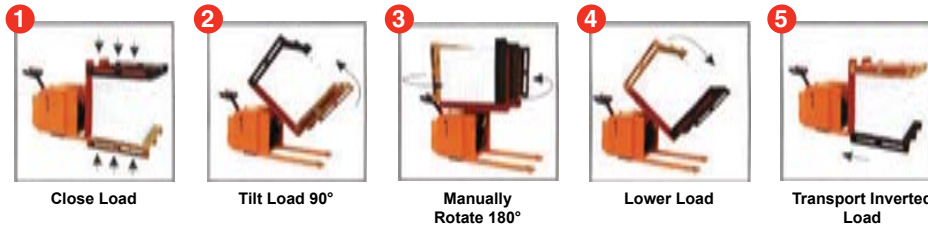
DC-25/FC-70♦

Portable Pallet Inverter

Tilt and rotate loads with our durable Pallet Inverter. Low profile design allows the operator to stand on the rider platform and steer the load from workstation to workstation quickly and easily. DC power lift and drive makes operation safe and efficient. Features an on-board battery charger (AC 110V or 220V/60 Hz). Ideal in loading dock areas as a power pallet truck, pallet tilter or as a turntable.



DVD or VIDEO
AVAILABLE



MODEL NUMBER	CAPACITY (POUNDS)	FORK OPENING (MIN & MAX)	LOWERED HEIGHT	FORK (W x L)	OVERALL SIZE (W x L x H)	NET WT. (POUNDS)	LIST PRICE EACH
PPI-90	2,000	31½" to 47½"	3½"	6" x 30"	33½" x 78" x 54"	1650	

DC-20/FC-70♦



Pallet Inverters

Engineered to reduce your costs in production, storage, retrieval, and distribution. The 180° rotation makes pallet exchange quick and simple while reducing product damage. Easy load transfer from wood pallet to plastic pallet, slip sheet, or rental pallet. Features safety rails and guards. Units can be loaded and unloaded easily with a fork truck.

MODEL NUMBER	MAXIMUM LOAD SIZE (W x L)	MINIMUM JAW OPENING HEIGHT	MAXIMUM JAW OPENING HEIGHT	CAPACITY (POUNDS)	NET WT. (POUNDS)	LIST PRICE EACH
PI-51	50" x 50"	37"	61"	4,400	4048	
PI-61	50" x 50"	43"	73"	4,400	4268	

LEVER CONTROL STANDARD / NEMA 12 RATING STANDARD

DC-20/FC-70♦

