

# AMTE-300/AMTE-500 Assembly Tables



# AMTE-300

## 1-AXIS ADJUSTABLE TILT ASSEMBLY TABLE

31003.US

Ergonomically designed for panel assembly ideal for the mounting of components and the wiring of control panels. Features quick release clamping mechanism that allows for easy and variable fixation for mounting plates.

- Made in the USA
- Maximum weight - 1,100 lbs
- Electric or battery operated models available
- Continuous adjustment from vertical to horizontal positions



## PARTS INCLUDED WITH AMTE-300 TABLE

The AMTE-300 1-axis Adjustable Tilt Assembly Table is delivered unassembled with all of the necessary components: leveling pad base, clamping unit, standard, electric actuator, controller keypad and battery, shipping crate. Additional options, including caster wheels, may be purchased separately.

QTY	ITEM NUMBER	ITEM DESCRIPTION
1	31003-100	Base
1	31003-106	Middle Support Section for AMTE300 only
1	31003-114	Table Top
1	31003-124	Lower Extension
1	31003-123	Upper Extension
2	31003-127-L	LH Clamping Unit Standard
2	31003-127-R	RH Clamping Unit Standard
4	31003-006	Bolt w/ Pad M16 x 150mm Leveling pad
1	31003-017	Actuator for AMTE300/500 models
1	31003-002	Battery
1	31003-018	1 Axis Controller for AMTE300 only
1	31003-024	2 -Button Keypad for AMTE300 only
1	31003-020	1 Amp Power Supply
1	31003-126	Quick Release Pin 3/16"
4	31003-115	Extension Star Knob
1	31003-111	Upper Actuator Pin 10 mm Dia, 45mm Lg
1	31003-110	Lower Actuator Pin 12mm Dia, 30mm Lg
4	31003-122	Tube Plug 2"
1	31003-113	Hinge Connecting Rod 5/8"
4	31003-105	Hex Nut M16 x2, Plain
4	31003-104	Lock Washer M16, Plain
4	31003-103	Flat Washer M16, Plain
8	31003-131	Hex Nut M16 x 2.0 Zinc-Pl
4	31003-129	Flat Washer M16, Zinc-Pl
4	31003-130	Lock Washer M16, Zinc-Pl
3	31003-112	Button Head Cap Screw M6 x 1.0-10mm
2	31003-108	Cotter Key Large 7/64 pin
8	31003-134	Felt Top Material (per meter)

# AMTE-500

## 2-AXIS ADJUSTABLE TILT ASSEMBLY TABLE

31005.US

Built and optimized for panel building, wiring, and testing. Ergonomically designed to minimize discomfort while increasing efficiency and productivity. 4-button key pad allows for continuous adjustment from vertical to horizontal positions as well as variable height adjustment up to 43".

- Made in the USA
- Maximum weight - 1,100 lbs
- Adjustable tilt angle up to 70°
- Delivered fully assembled, equipped with caster wheels



## PARTS INCLUDED WITH AMTE-500 TABLE

The AMTE-500 2-axis Adjustable Tilt Assembly Table is delivered fully assembled on caster wheels for easy delivery and placement and has necessary components are installed: clamping unit, standard, electric actuator, controller keypad and battery, shipping crate. Additional options, may be purchased separately.

QTY	PART NUMBER	DESCRIPTION
1	31005-100	Base
1	31005-106	Middle Support Section for AMTE500 only
1	31003-114	Table Top
1	31003-124	Lower Extension
1	31003-123	Upper Extension
2	31003-127-L	LH Clamping Unit Standard
2	31003-127-R	RH Clamping Unit Standard
2	31005-004	Dry Lin T Unit for AMTE500 Only
4	31005-005	Slider for Dry Lin T Unit for AMTE500 Only
2	31003-017	Actuator for AMTE300/500 models
1	31003-002	Battery
1	31005-001	2 Axis Controller for AMTE500 only
1	31005-002	4 -Button Keypad for AMTE500 only
1	31003-020	1 Amp Power Supply
1	31003-126	Quick Release Pin 3/16"
4	31003-115	Extension Star Knob
1	31003-111	Upper Actuator Pin 10 mm Dia, 45mm Lg
1	31003-110	Lower Actuator Pin 12mm Dia, 30mm Lg
4	31003-122	Tube Plug 2"
1	31003-113	Hinge Connecting Rod 5/8"
4	31003-105	Hex Nut M16 x2, Plain
4	31003-104	Lock Washer M16, Plain
4	31003-103	Flat Washer M16, Plain
8	31003-131	Hex Nut M16 x 2.0 Zinc-Pl
4	31003-129	Flat Washer M16, Zinc-Pl
4	31003-130	Lock Washer M16, Zinc-Pl
3	31003-112	Button Head Cap Screw M6 x 1.0-10mm
2	31003-108	Cotter Key Large 7/64 pin
1	31003-010	Caster wheels - Non-locking (Set of 2)
1	31003-025	Caster wheels - Locking
8	31003-134	Felt Top Material (per meter)

TABLE FEATURES	AMTE 300	AMTE 500	AMTE 300	AMTE 500
Product Number	031003.US	031005.US	031003.BL	031005.BL
Simple, variable fixing of mounting panels using quick action clamp	✓	✓	✓	✓
Intelligent release system enables unrestricted processing of the entire mounting panel	✓	✓	✓	✓
Infinitely variable adjustment from vertical to horizontal	✓	✓	✓	✓
Infinitely variable height adjustment		✓		✓
Electric Motor			✓	✓
Battery Operated Motor	✓	✓		
Adjustable angle of inclination	0-70°	0-70°	0-70°	0-70°
Working height	Fixed: 35.5"	Variable: 31.5" x 43"	Fixed: 35.5"	Variable: 31.5" x 43"
Leveling Pad Base	✓		✓	
Max. size mounting panels (W x H)	44" x 69.5" (1117mm x 1765mm)	44" x 69.5" (1117mm x 1765mm)	44" x 69.5" (1117mm x 1765mm)	44" x 69.5" (1117mm x 1765mm)
Max. size with table extensions (W x H)	74.5" x 69.5" (1892xmm x 1765mm)	74.5" x 69.5" (1892xmm x 1765mm)	74.5" x 69.5" (1892xmm x 1765mm)	74.5" x 69.5" (1892xmm x 1765mm)
Maximum useful load	1,100 lbs (500 kg)	1,100 lbs (500 kg)	1,100 lbs (500 kg)	1,100 lbs (500 kg)
Space requirement	55" x 47"	55" x 47"	55" x 47"	55" x 47"
Weight	360 lbs (163 kg)	430 lbs (195 kg)	360 lbs (163 kg)	430 lbs (195 kg)
Scope of delivery	<b>Unassembled,</b> Battery operated table (x1), 1-axis tilt, Leveling pad base (x1), Standard clamping units (x4), battery operated actuator (x1), Controller keypad, battery (x1), & Shipping crate (x1)	<b>Assembled,</b> Battery operated table (x1), 2-axis tilt, caster wheels (2 locking, 2 non-locking), Standard clamping units (x4), battery operated actuator (x1), Controller keypad, battery (x1), & Shipping crate (x1)	<b>Unassembled,</b> Electric table (x1), 1-axis tilt, Leveling pad base (x1), Standard clamping units (x4), actuator (x1), Controller keypad, & Shipping crate (x1)	<b>Assembled,</b> Electric table (x1), 2-axis tilt, caster wheels (2 locking, 2 non-locking), Standard clamping units (x4), actuator (x1), Controller keypad, & Shipping crate (x1)

# ADDITIONAL TABLE OPTIONS

## TABLE EXTENSIONS



### 31003-001

Install hardware included. For use with both AMTE-300 and AMTE-500 models.

## TOOL HOLDER



### 31003-014

## PANEL STOP



### 31003-007

Sold in set of 2 units.

## CLAMPING UNIT, QUICK RELEASE



### 31003-003

Sold in set. Includes both left and right hand units.

## LH CLAMPING UNIT QUICK RELEASE



### 31003-003-L

Left hand unit only. See 31003-003-R for right hand unit, sold separately.

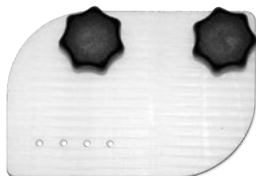
## RH CLAMPING UNIT QUICK RELEASE



### 31003-003-R

Right hand unit only. See 31003-003-L for right hand unit, sold separately.

## WIRE GUIDE



### 31003-015

## MOUNTING PLATE



### 31003-019

## SUSPENSION STRAPS FOR CABINET



### 31003-011

For use on cabinet assembly. Sold in set of 2.

## WIRE ROLL SUPPORT



### 31003-016

# REPLACEMENT PARTS & ACCESSORIES

## BATTERY



**31003-002**

## WALL CHARGER FOR BATTERY



**31003-023**

For use with battery (31003-002)

## 2 -BUTTON KEYPAD



**31003-024**

For use with AMTE-300 only.

## 2 AXIS CONTROLLER



**31005-001**

For use with AMTE-500 only.

## 4 -BUTTON KEYPAD



**31005-002**

For use with AMTE-300 only.

## BATTERY-LESS CONTROLLER



**31003-021**

For use with AMTE-300 only.

## 6 AMP POWER SUPPLY



**31003-022**

For use with Battery-less Controller (31003-021) and AMTE-300 only.

## BATTERY-LESS PACKAGE



**31003-004**

Includes: 6 Amp Power Supply (31003-022) and Battery-less Controller (31003-021).

## BATTERYLESS CONTROLLER



**31005-003**

Includes 15-Amp power supply. For use with AMTE-500 only.



**1 AMP POWER SUPPLY**



**31003-020**

For use with controllers.

**ACTUATOR**



**31003-017**

For use with both AMTE-300 and AMTE-500 models.

**POWER STRIP**



**31003-008**

**CASTER WHEELS - LOCKING**



**31003-025**

Sold in set of 2 locking caster wheels.

**CASTER WHEELS - NON-LOCKING**



**31003-010**

Sold in set of 2 non-locking caster wheels.

**LEVELING PAD**



**31003-006**

Includes bolt and pad, M16 x 150mm

**TABLE TOP**



**31003-114**

**UPPER EXTENSION**



**31003-123**

**LOWER EXTENSION**



**31003-124**

**BASE**



**31003-100**

For use with AMTE-300 only.

**MIDDLE SUPPORT**



**31003-106**

For use with AMTE-300 only.

**CLAMPING UNIT, STANDARD**



**31003-127**

Sold in set. Includes both left and right hand units.

**LH CLAMPING UNIT, STANDARD**



**31003-127-L**

Left hand unit only. See 31003-127-R for right hand unit, sold separately.

**RH CLAMPING UNIT, STANDARD**



**31003-127-R**

Right hand unit only. See 31003-127-L for left hand unit, sold separately.

**STANDARD PLATE RH**



**31003-121**

Right hand plate only. See 31003-117 for left hand plate, sold separately.

**STANDARD PLATE LH**



**31003-117**

Left hand plate only. See 31003-121 for right hand plate, sold separately.

**QUICK RELEASE PLATE RH**



**31003-132**

Right hand plate only. See 31003-133 for left hand plate, sold separately.

**QUICK RELEASE PLATE LH**



**31003-133**

Left hand plate only. See 31003-132 for right hand plate, sold separately.

**QUICK RELEASE LEVER**



**31003-118**

**LARGE KNOB**



**31003-120**

**DRY LIN T UNIT**



**31005-004**

For use with AMTE-500 only.

**SLIDER FOR DRY LIN T**



**31005-005**

For use with Dry Lin T Unit (31005-004) and AMTE-500 table only.

**FELT TOP MATERIAL**



**31003-134**

8 meters. One roll needed per table top.

**FLAT WASHER**



**31003-103**

M16, Plain

**LOCK WASHER**



**31003-104**

M16, Plain

**HEX NUT**



**31003-105**

M16 x 2.0, Plain

**COTTER KEY, LARGE**



**31003-108**

7/64" pin

**LOWER ACTUATOR FLANGED PIN AND COTTER PIN**



**31003-110**  
12 mm diameter x 30 mm long.

**UPPER ACTUATOR FLANGED PIN AND COTTER PIN**



**31003-111**  
10 mm diameter x 45 mm long.

**BUTTON HEAD CAP SCREW**



**31003-112**  
M6 x 1.0-10mm

**HINGE CONNECTING ROD**



**31003-113**  
5/8" round

**EXTENSION KNOB STAR**



**31003-115**

**RECTANGLE NUT**



**31003-119**

**TUBE PLUG**



**31003-122**  
2" x 2"

**QUICK RELEASE BOLT**



**31003-125**

**QUICK RELEASE PIN**



**31003-126**  
3/16" pin

**FLAT WASHER M16**



**31003-129**  
M16, Zinc-Pl

**LOCK WASHER M16**



**31003-130**  
M16, Zinc-Pl

**HEX NUT M16 X 2.0**



**31003-131**  
M16 x 2.0, Zinc Pl