



Armedica AM-Series Mat Tables Instruction Manual

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Armedica AM-Series Mat Tables



Product Information

The ARMEDICATM AM-Series Mat Tables are versatile and adjustable platforms designed for various medical applications. They are available in multiple model numbers, including AM-640, AM-641, AM-642, AM-643, AM-644, AM-645, AM-650, AM-652, AM-654, AM-660, AM-662, and AM-664. The product is manufactured in the U.S.A. and complies with ISO 13485 and FM 50089 standards.

Product Usage Instructions

1. **Height Adjustment:** To adjust the height of the ARMEDICATM Power Mat Platform, you can use either a low-voltage toggle switch or an optional foot switch. The foot switch clearly indicates the up (UP) or down (DN) motion. The motors have a thermal cutoff to prevent overheating. The duty cycle for on/off operation is 1 minute on and 5 minutes off.
2. **Adjustable Mat Platform:** The ARMEDICATM Adjustable Mat Platform is operated using a crank handle that activates the hydraulic pump. Turning the handle clockwise will raise the table while turning it counterclockwise will lower it. The handle automatically locks into place when extended for use. Ensure the handle is fully engaged before turning it. To release and lower the handle once the desired height is reached, firmly pull it out until it can be lowered.
3. **Movable Section (Adjustable Back Model):** On the adjustable back model, the movable section can be activated by grasping the handle located at the center of the back section. Release the handle to lock it at the desired position.
4. **Maintenance:** The ARMEDICATM Electric Power Mat Platforms and Adjustable Mat Platforms are equipped with maintenance-free hydraulic systems. Regularly check all hardware (nuts, bolts, etc.) to ensure they are securely fastened. The vinyl cover can be cleaned with mild soap and water, and the frame can be wiped with a dry cloth.

Note:

For troubleshooting, maintenance, and parts list, refer to the complete user manual available at <https://manual-hub.com/>.

This manual has been prepared for the owners and operators of the ARMEDICA™ AM-Series Mat Tables. It contains installation instructions, precautionary instructions, and maintenance procedures for the following model numbers:

- AM-640, AM-641, AM-642, AM-643, AM-644, AM-645, AM-650, AM-652 AM-654, AM-660, AM-662, AM-664

Armedica Treatment Tables are intended to be used as physical therapy support for patients during clinician-attended physical therapy-related diagnosis, treatment, and monitoring. The table is equipped with vertical table height adjustment actuators. Patients are not to be left unattended.

INSTALLATION INSTRUCTIONS

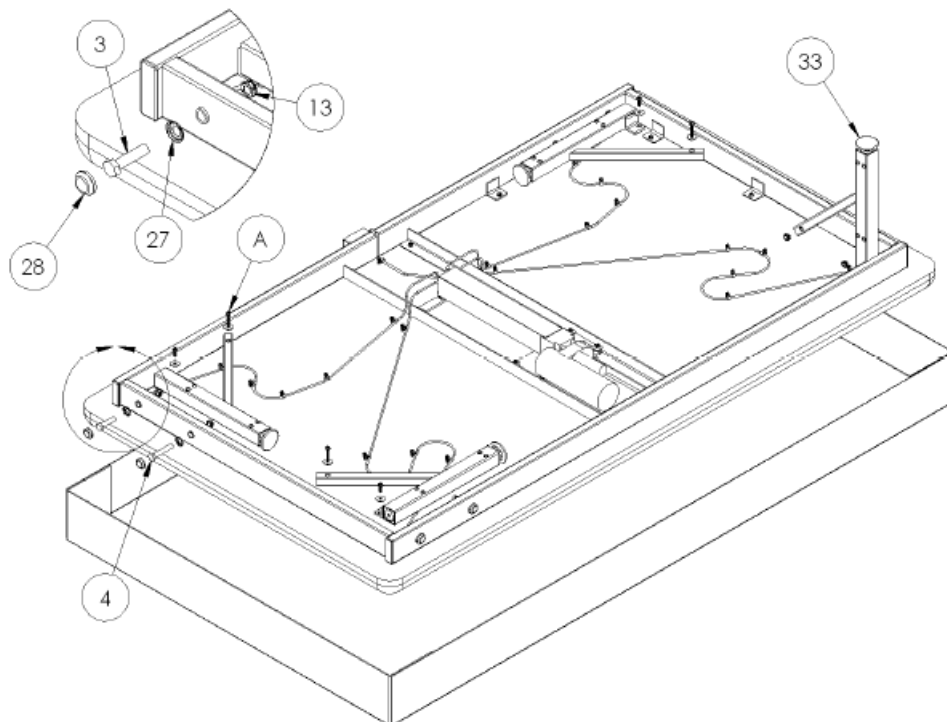
INSTALLATION INSTRUCTIONS FOR ARMEDICATM MAT PLATFORM TABLES

1. Remove the mat platform from the carton, leaving the foam covering on the upholstered top.
2. Place the platform top with the bottom side up on a clean, smooth surface and remove the wood packing frame and strapping from the motor on electric models. On adjustable models with a manual crank, remove strapping and install the unit referring to the picture of model AM-642 (pg 4).
3. Remove the screws (A) holding the legs to the underside of the table and carefully un-wrap.

CAUTION:

ON ELECTRIC AND ADJUSTABLE MODELS DO NOT FOLD OR KINK HYDRAULIC LINES AT ANY TIME

4. Gently rotate the legs into position as shown and insert bolts (3) with the bolt head and finishing cap washers (27) on the outside of the table frame. Tighten bolts securely using the nuts (13) provided. Attach the black finishing caps (28) to the bolt heads by pressing firmly. Extra cable clamps and screws are included for additional cable clamping if necessary.
5. Install leveling glides (33) by screwing them into the legs.
6. Place the mat platform upright and remove the foam covering. Adjust the leveling glides as needed. The mat platform is ready for use. For powered models plug the power cord into a properly grounded 120 volt AC outlet. The power cord is hospital grade and reliability of the unit can only be achieved when connected to an equivalent receptacle.



OPERATING INSTRUCTIONS

- To adjust the height of the Armedica™ Power Mat Platform, a low-voltage toggle switch or optional foot switch is used to activate the motorized hydraulic pump. The up (UP) or down (DN) motion is clearly indicated on the foot switch.
- The motors are equipped with a thermal cutoff that protects them from overheating.
- Duty cycle on/off int. 1 min. / 5 min.
- The Armedica™ Adjustable Mat Platform is adjusted with a crank handle that activates the hydraulic pump. Turning the handle clockwise will raise the table. Counterclockwise will lower it.
- The handle will automatically lock into place when extended for use. Make certain the handle is fully engaged prior to turning. To release and lower the handle once the desired height is reached, firmly pull the handle out until it is able to be lowered.
- The moveable section on the adjustable back model is activated by grasping the handle located at the center of the back section. Release to lock at the desired position.



This equipment has been tested and found to comply with the limits for medical devices to the IEC 60601-1-2: Third edition 2007-03. These limits are designed to provide reasonable protection against harmful interference in a typical medical installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving device.
- Increase the separation between the equipment.
- Connect the equipment to an outlet on a circuit different from that to which the other device(s) are connected.
- Consult the manufacturer or field service technician for assistance.

MAINTENANCE

- The Armedica™ Electric Power Mat Platforms and Adjustable Mat Platforms are equipped with a maintenance-free hydraulic system.
- On all mat platforms frequently check to make certain that all hardware (nuts, bolts, etc.) are securely fastened.
- The vinyl cover can be cleaned with mild soap and water and the frame wiped with a dry cloth.

SYMBOLS AND INDICATORS

-  **Attention:** Consult accompanying documents.
-  **Type B Equipment:** “An adequate degree of protection against electric shock is provided, particularly regarding leakage currents and reliability of the protective earth connection.”

TROUBLESHOOTING

THE TABLE WILL NOT OPERATE

[illegible]

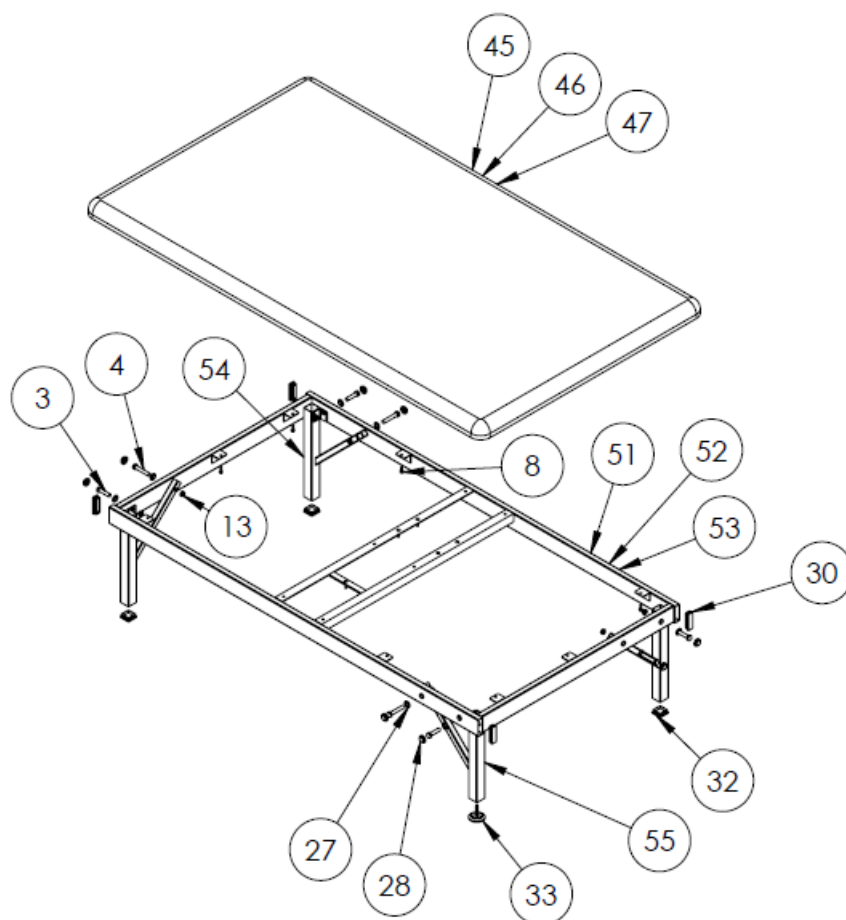
11	020 88	SCREW FLT HD SOC 10-32x1/2										2	2	2
12	020 89	NUT NYLOCK 10-32										2	2	2
13	020 95	NUT NYLOCK JAM 1/2-13	8	8	8	8	8	8	8	8	8	8	8	8
14	021 00	NUT NYLOCK 1/4-20	5	5	5	4	4	6				4	4	4
15	021 04	WASHER 1/4" INTERNAL TOO TH LOCK	16	16	16	1 6	1 6	16				16	16	
16	021 05	NUT NYLOCK 5/16-18										4	4	4
17	021 43	WASHER FENDER 1/4"IDx1"O D	13	13	13	8	8	8	8	8	8	13	13	8
18	021 50	WASHER 5/16	4									4	4	4
19	021 73	SCREW HX HD 5/16-18x3-1/4										2	2	2
20	021 81	SCREW HX HD CAP 5/16- 18x2-1/2										1	1	1
21	022 00	CLAMP CABLE 3/16 BLACK	24	24	24	2 4	2 4	24				24	24	
22	022 01	CLAMP CABLE 1/4 WHITE	5	5	5							5		
23	022 04	CABLE TIE ADHESIVE MOUNT										4	4	
24	022 35	CABLE TIE 1/16" X 6"										8	8	
25	022 36	CABLE TIE 1/16" X 8"										4		
26	030 10	PLUG 1x1x14GA										3	3	3
27	030 11	WASHER RHW-207 FINISH CA P	8	8	8	8	8	8	8	8	8	8	8	8
28	030 12	CAP FINISH BLACK BOLT COV ER	8	8	8	8	8	8	8	8	8	8	8	8
29	030 15	PLUG 1x2x14GA										2	2	2
30	030 16	PLUG 1x3x14GA	4	4	4	4	4	4	4	4	4	4	4	4
31	030 18	PLUG 1-3/4SQ-14-20 BLACK							3	3	3			3

32	030 38	SWITCH CONTROL MNTD PW R MAT											
33	030 61	GLIDE 2-1/2 BASEx1/2-13x2-1/ 2						1	1	1			1
34	030 65	GLIDE 1/4-20x1									4	4	4
35	030 80	RIV NUT 1/4-20 14GA									4	4	4
36	031 29	RIBBED BUSHING 9311K143	5	5	5						5	5	
37	031 38	BUSH INSULATING.375 IDx.50 0 OD BLK									2	2	
38	031 39	FLAT RIBBED BUSHING 9311K 145	5	5	5						5	5	
39	032 31	CABLE CMA REMOTE SYSTE M									1	1	1
40	034 00	DYNA-LIFT MOTOR ELEC	1	1	1						1		
41	034 01	DYNA-LIFT CRANK ASSY MAN UAL MAT				1	1	1				1	
42	034 08	SWITCH FOOT POWER MAT											
43	124 25	BAR 1/8x1x4-9/16 CRANK SPP T PLTD				1	1	1				1	
44	128 03	BAR 1/8X2-1/2X4 HYD ADPTR PLTD						1					
45	144 04	BD UPH 6x8 STEEL MAT TABL E			1			1			1		
46	144 09	BD UPH 4x7 PWR MAT	1			1			1				
47	144 10	BD UPH STEEL MAT 5x7		1			1			1			
48	144 13	BD UPH 29x48 MAT 4x7 2PC H D SEC									1	1	1
49	144 14	BD UPH 48x57 MAT 4x7 2PC B ODY									1	1	1
50	184 01	LEG PWR MAT PAINTED	4	4	4	4	4	4				4	4
51	184 03	FRAME TOP PWR MAT 4x7 EL EC PAINTED	1			1			1				
52	184 09	FRAME TOP POWER MAT 5x7 PAINTED		1			1			1			

53	184 17	FRAME TOP PWR MAT 6×8 PAI NTED			1			1			1			
54	184 21	LEG CONTEMP MAT PAINTED							3	3	3			3
55	184 23	LEG W/GLIDE LEVEL CONTMP MAT PNTD							1	1	1			1
56	184 36	BAR 1/8x1x9-1/4 ADJ MAT ADA PT PLTD				1	1						1	
57	184 42	BRKT ADAPTER 6×8 ADJ MAT PLTD						1						
58	184 57	FRM BACK MAT 4×7 ADJ BK P NTD										1	1	1
59	184 63	TUBE 1X2X3 CBL RELEASE L EVER PNTD										1	1	1
60	184 67	FRAME TOP 4×7 W/BACK SEC PNTD										1	1	1

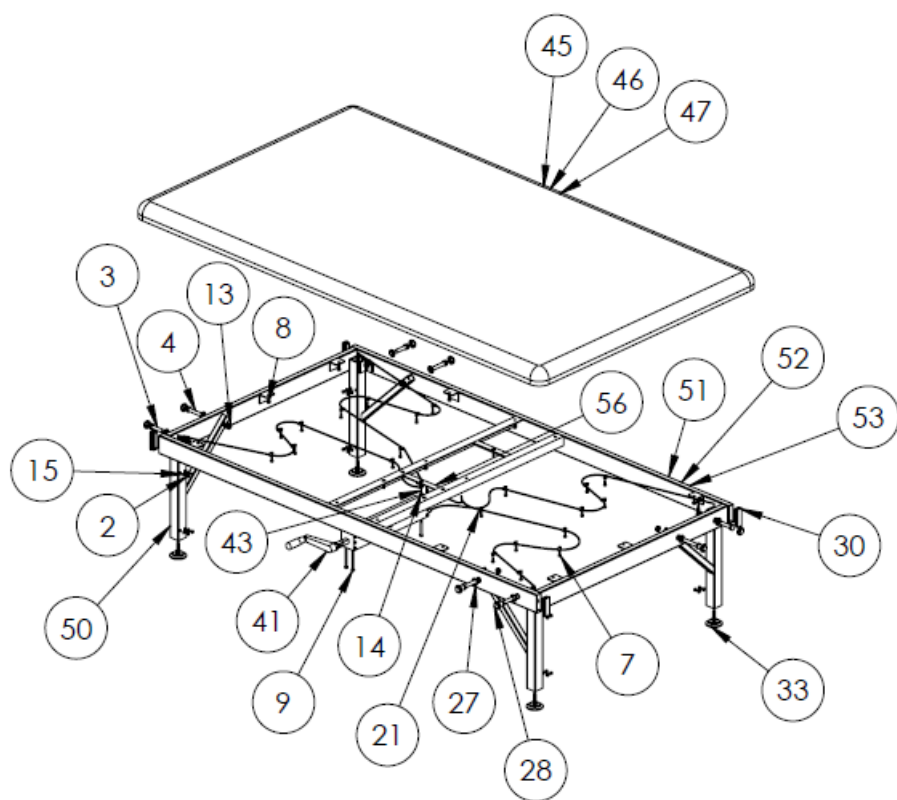
MAT PLATFORM

AM-644, AM-654, AM-664

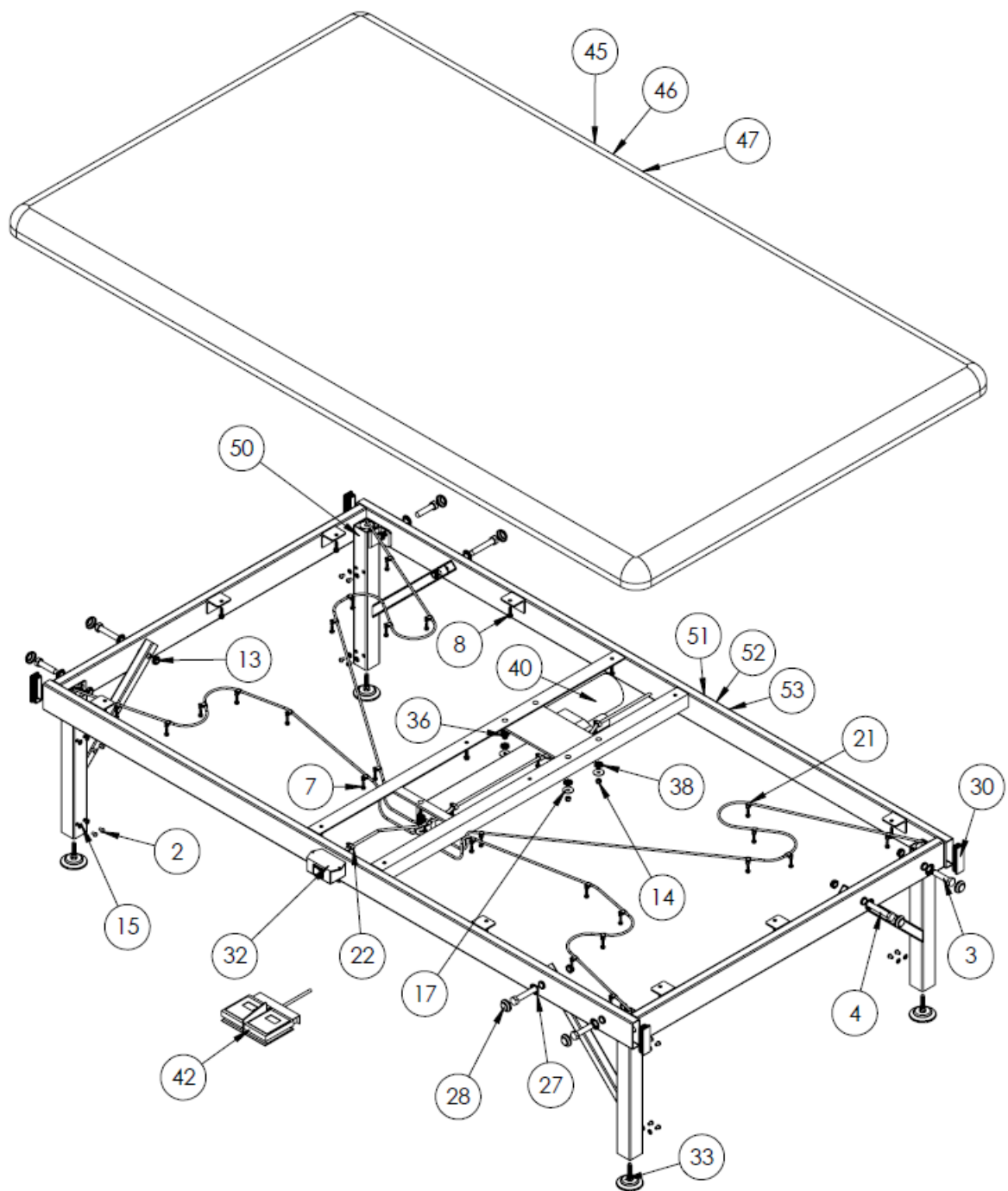


MAT PLATFORM

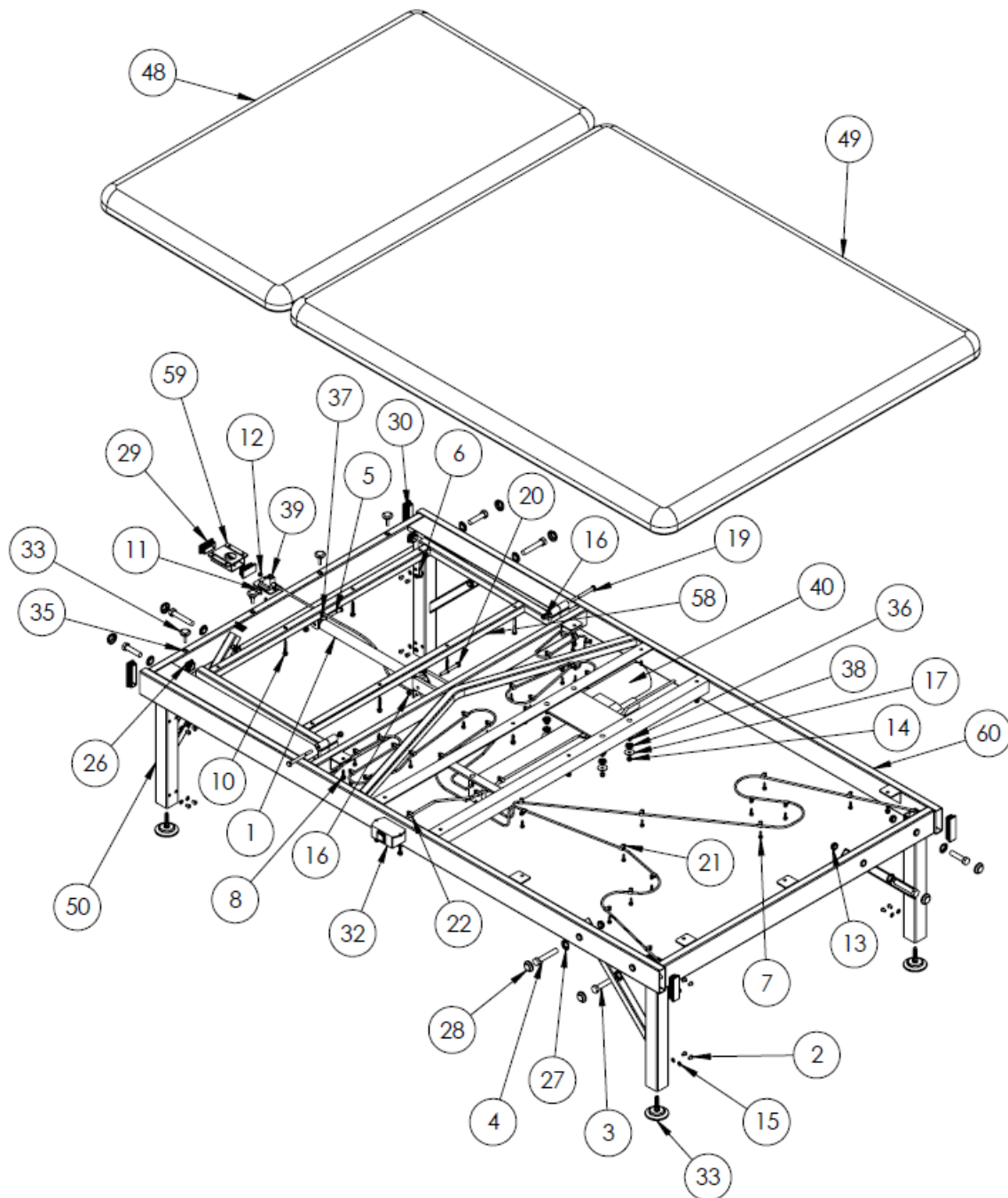
AM-642, AM-652, AM-662



MAT PLATFORM
AM-640, AM-650, AM-660



MAT PLATFORM
AM-641, AM-643, AM-645



LIMITED WARRANTY

ARMEDICA™ MANUFACTURING CORP. LIMITED WARRANTY

ARMEDICA™ Manufacturing Corp. warrants that the AM-Series Mat Platforms are free from defects in material and workmanship. This warranty shall remain in effect for 18 months from the date of the original consumer purchase of the product. The Hydraulic units on the Power Mat Platforms and Adjustable Mat Platforms are warranted to be free from defects in materials and workmanship for 18 months from the date of the original consumer purchase of the product. The welded steel frames on all Mat Platforms are warranted to be free from defects in materials or workmanship for 5 years from the date of the original consumer purchase of the product. If the table fails to function during the warranty period due to a defect in material or workmanship, ARMEDICA™ Manufacturing Corp. or the selling Dealer will repair or replace the table without charge within a 30-day period from the date on which the table is returned to ARMEDICA™ Manufacturing Corp. or the selling Dealer.

THIS WARRANTY DOES NOT COVER

1. Replacement parts or labor furnished by anyone other than ARMEDICA™, Selling Dealer or any approved ARMEDICA Service Agent. Parts lists are for reference only when speaking with an ARMEDICA

representative. Replacements and repairs are to be done by an approved ARMEDICA Service Agent.

2. Any failure of the table during the warranty period if the failure is not caused by a defect in material or workmanship or if the failure is caused by unreasonable use, including the failure to provide reasonable and necessary maintenance.

ARMEDICA™ MANUFACTURING CORP. IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE TO PROPERTY OR BUSINESS.

TO OBTAIN SERVICE from ARMEDICA™ or the Selling Dealer under this warranty, please do the following:


1. A written claim should be sent to ARMEDICA™ Manufacturing Corp., P.O. Box 880, Greenwood, AR. 72936-0880 or the selling Dealer.
2. The table must be returned to ARMEDICA™ Manufacturing Corp. or the selling Dealer.
3. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

ARMEDICA™ does not authorize any person or dealer to create for it any other obligations or liabilities in connection with the sale of the tables. Any representation or agreement not contained in this warranty shall be void. Disposal of unused or unwanted products should be in accordance with applicable regional, national, and local laws. For information contact the local regulatory agency.



Bucher Hydraulics, Inc
1363 Michigan St. N.E. Grand Rapids, MI 49503.

Documents / Resources

	<p>Armmedica AM-Series Mat Tables [pdf] Instruction Manual AM-Series Mat Tables, AM-Series, Mat Tables, Tables</p>
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References

- [MH Search - Manual-Hub.com](#)

