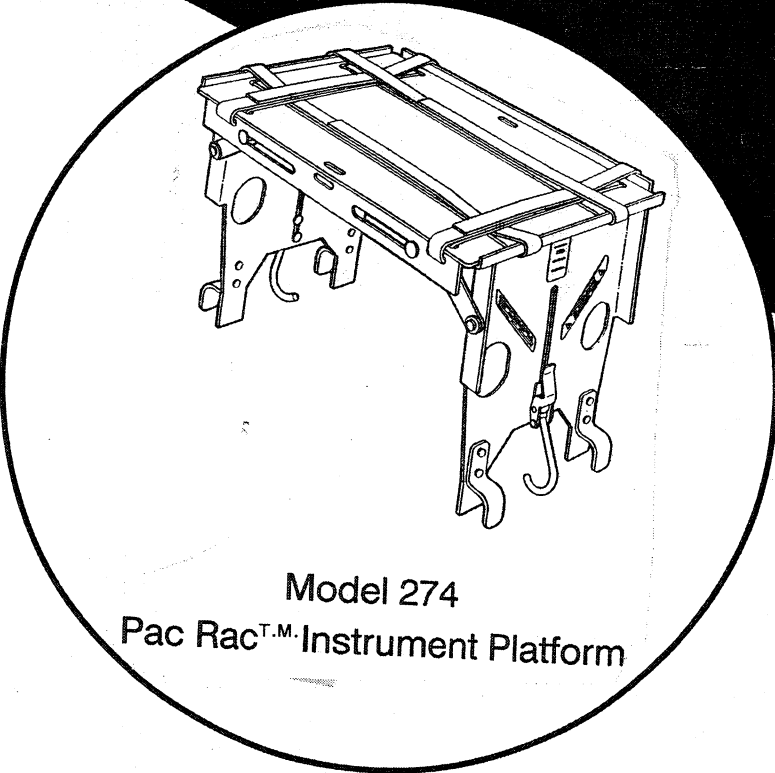


FERNO®

Pac Rac™ Model 274
Instrument Platform



Model 274
Pac Rac™ Instrument Platform

Congratulations on buying the best!

...and thank you for being a Ferno customer.

*Ferno is known worldwide for backing its products
with people committed to customer satisfaction.
If you need any help installing, operating, or caring
for this product, please let us know.*

We look forward to serving you.

Proprietary Notice

The information disclosed herein is the property of Ferno-Washington, Inc., Wilmington, Ohio, USA. Ferno-Washington, Inc., reserves all patent rights, proprietary design rights, manufacturing rights, reproduction use rights, and sales use rights, thereto and to any article disclosed therein except to the extent those rights are expressly granted to others or where not applicable to vendor proprietary parts.

Ferno-Washington products are manufactured under the following patent numbers:

United States	Australia	Great Britain	Japan
3,921,231	503,007	1,440,329	1,004,505
3,980,334	532,043	1,494,143	1,113,975
4,037,871	586,559	1,535,395	1,147,239
4,052,097	613,139	1,544,281	1,069,216
4,168,554		1,581,506	1,367,855
4,192,541	France	2,122,501	1,631,076
4,251,178	77.12317		
4,211,281	78.13508	Hong Kong	Singapore
4,369,955	82.17328	290	1006/85
4,480,345			
4,688,279	Germany	Taiwan	South Africa
4,767,148	27 18 037	UM-40712	79/4148
5,058,572	32 35 857	NI-35429	
5,060,637			Spain
5,092,722	Other Patents Pending		282.310/1

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Form # 234-1276-01 Superceding Form # 234-1276-00

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Safety Alerts

Safety alerts identify potential hazards to avoid. The following safety alerts appear in this manual:



WARNING



Product modification can cause unpredictable operation and injury. Do not alter the Pac Rac or force the side panels to fit the ambulance cot.

Improper attachment can interfere with patient treatment and cot operation. Take patient treatment and cot operation into account when using the Pac Rac.

An improperly secured Pac Rac may come off the cot and cause injury. Use the Pac Rac only when it is properly secured onto the cot.

Improper maintenance can cause injury. Do not use if parts are missing or damaged. Inspect regularly. Maintain according to the maintenance schedule in this manual.

Overloading the Pac Rac may cause injury or damage. Observe the 75 lb/34 kg load limit when placing items on the Pac Rac.

Limited Warranty

Ferno-Washington, Inc. ("Ferno"), warrants that its products will be free from defects in material and workmanship for one year except as follows:

A) The warranty period on soft goods items is 90 days.

B) The warranty period on repairs and services is 90 days.

This limited warranty applies only to products used under normal and proper conditions and is void for any product damaged from misuse, abuse, or neglect. All warranty periods shall commence from the date of shipment from Ferno.

Limitation of Liability

The liability of Ferno under the limited warranty set forth above is limited to repair or replacement of the defective product or part, or, at the option of Ferno, refund of the purchase price. Transportation charges for shipping allegedly defective products or parts to and from Ferno are not covered.

EXCEPT FOR THE LIMITED WARRANTY SET FORTH ABOVE, FERNO MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. FERNO MAKES NO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL FERNO BE LIABLE FOR ANY INDIRECT OR CONSEQUENTIAL DAMAGES SUSTAINED IN CON-

NECTION WITH THE DELIVERY, USE, OR PERFORMANCE OF ITS PRODUCTS.

The remedies of repair, replacement of defective products, or refund of the purchase price are exclusive and in lieu of all damages. Under no circumstances shall the liability of Ferno, whether under contract, tort, breach of warranty, or otherwise, exceed the selling price of the products proven to be defective.

Any legal action for breach of the limited warranty set forth above must be commenced within one year of the date on which the breach is or should have been discovered.

Limited Warranty Claims

To make a claim under the limited warranty, contact Ferno Customer Service promptly.

Ferno-Washington, Inc.
70 Weil Way
Wilmington, Ohio 45177-9371

Telephone 800/733-3766
513/382-1451
Fax 513/382-1191

Customer Service

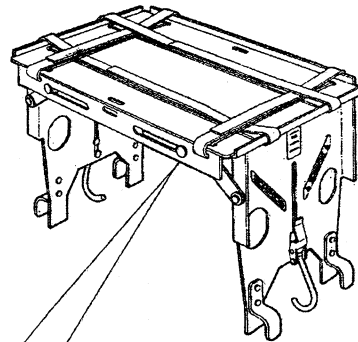
Customer service and support are an important part of each Ferno product.

Should you need assistance with the Model 274 Pac Rac Instrument Platform, contact customer service at the following:

Ferno-Washington, Inc.
Attn: Ferno Customer Service
70 Weil Way
Wilmington, Ohio 45177-9371

Telephone 800/73-FERNO
513/382-1451
Fax 513/382-1191

The serial number is located on the underside of the Pac Rac platform. Please have the serial number ready when contacting customer service.



Serial Number _____

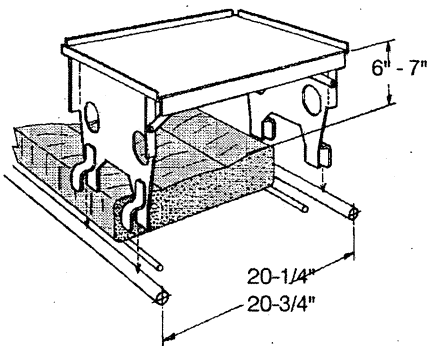
Product Description

The Model 274 Pac Rac Instrument Platform (Pac Rac) is a cot-mounted device designed to support medical instruments (defibrillators, heart monitors, etc.) used by EMTs transporting a patient on a cot.

Pac Rac features include aluminum frame construction, flat-folding side panels for compact storage, cam-lock attachment, and straps to secure the instruments in place.

Cot Requirements

The Pac Rac fits 1 3/32" diameter main frame tubes spaced 20 1/4" to 20 3/4" apart (center to center).



There is a clearance of 6" - 7" for the patient's legs between the Pac Rac and the cot mattress.

Ferno cots which have the correct frame-tube diameter/spacing for Pac Rac attachment include Models 30, 29-M, and 35-A . Do not alter the Pac Rac or force the side panels to fit onto the cot. Product alteration or misfit can result in unpredictable operation and injury. Contact Ferno Customer Service if there is any question about fit.



WARNING



Product modification can cause unpredictable operation and injury. Do not alter the Pac Rac or force the side panels to fit the ambulance cot.

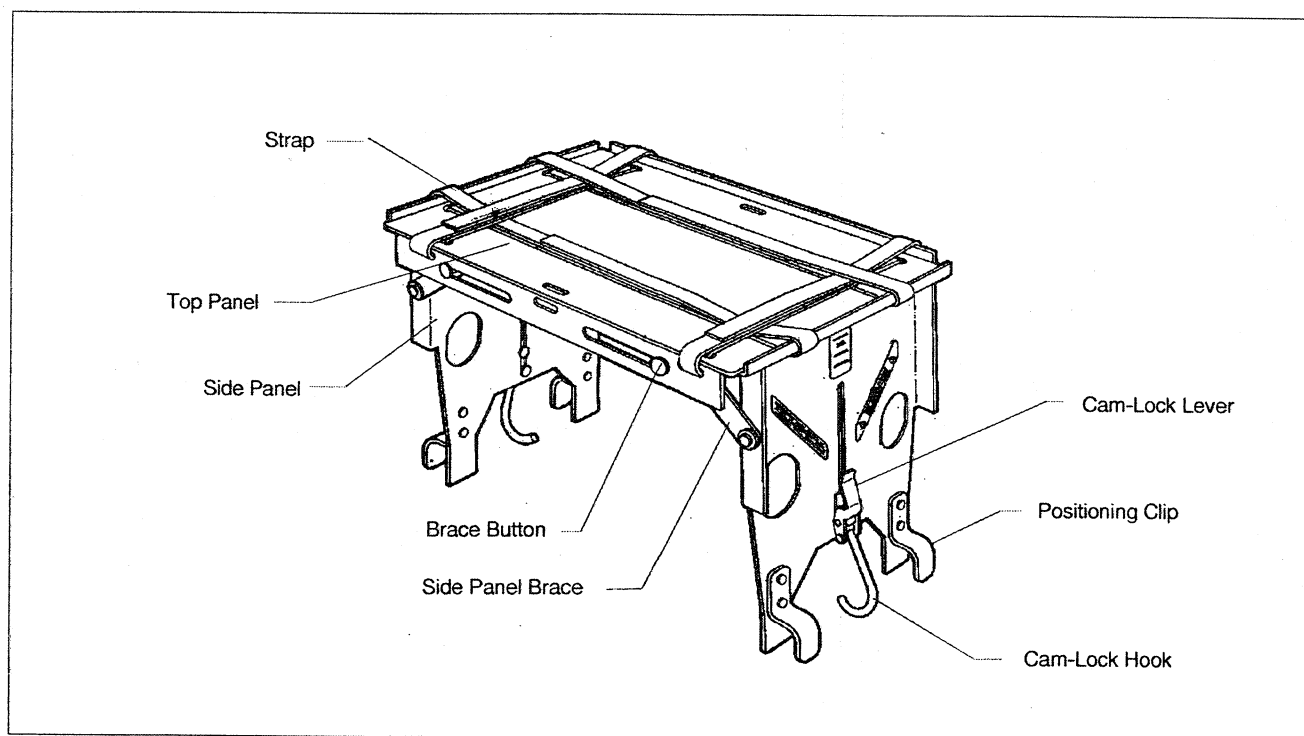
Specifications

Height (unfolded) 14 1/2 in 37 cm
Height (folded) 2 3/4 in 7 cm
Weight 7.5 lbs 3.4 kgs

Depth 13 1/2 in 34 cm
Width 21 1/4 in 54 cm
Load Limit 75 lbs 34 kgs

Ferno-Washington, Inc., reserves the right to change specifications to reflect ongoing product refinement.

Components



Pre-Service Check

Before placing the new Pac Rac in service, check the following:

- ☒ Do the side panels unfold/fold properly?
- ☒ Does the Pac Rac fit on the cot properly?
- ☒ Do the cam-lock levers and cam-lock hooks engage and lock properly?
- ☒ Do the side panel braces lock properly?
- ☒ Do the straps hold the instruments securely?

When everything checks properly, the Pac Rac is ready to use.

Using the Pac Rac

Guidelines for use

- The Pac Rac is for professional use only.
- Use the Pac Rac only as described in this manual.
- Have all users train and practice with the Pac Rac before placing the Pac Rac into regular service.
- Keep training records. A convenient form is provided in this manual (page 9).
- Use the Pac Rac only when it is properly maintained (page 7) and in good working order.
- Keep maintenance records. A convenient form is provided in this manual (page 9).

1 - Unfold the Pac Rac

Lay the Pac Rac face down on the cot mattress or another flat surface.

Unfold the side panels (Fig. A) until the side panel braces click and lock into place.

Gently push on each unfolded side panel to verify that the panel braces are locked.

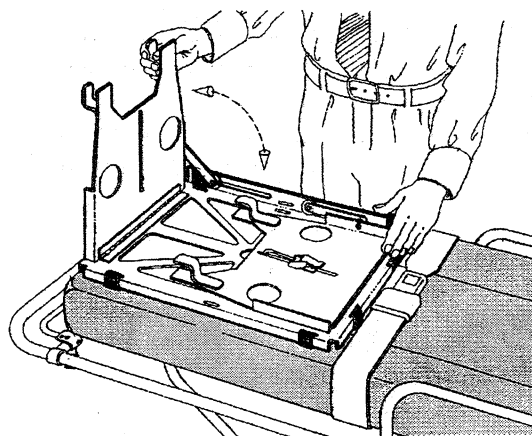


Figure A

2 - Attach the Pac Rac to the cot

The Pac Rac attaches to the leg section of the cot (over the patient's legs) or to the midsection of the cot (over the patient's hips).

Decide on the position to use, then turn the Pac Rac face up and guide the positioning clips onto the cot frame at this location.

When attaching the Pac Rac to the leg section of the cot (Fig. B), keep in mind the top panel does limit elevation of the patient's legs.

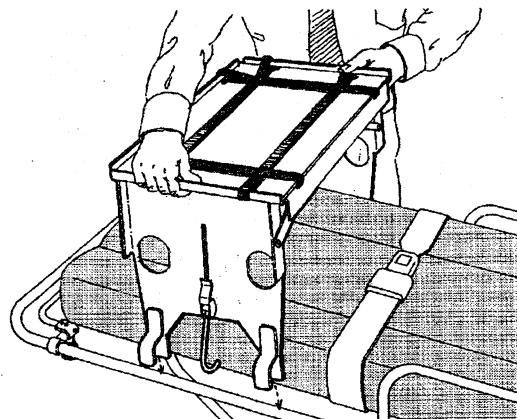


Figure B

Using the Pac Rac (continued)

To allow maximum elevation of the patient's legs, attach the Pac Rac to the midsection of the cot (Fig C). When attaching the Pac Rac to the midsection of the cot, be sure there is no interference with the use of patient restraints or operation of the cot sidearms.



WARNING



Improper attachment can interfere with patient treatment and cot operation. Take patient treatment and cot operation into account when using the Pac Rac.

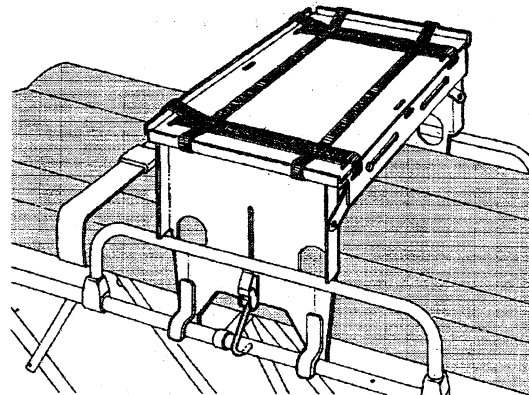


Figure C

Use the cam-lock hook on each side panel to secure the Pac Rac in place on the cot.

To use the cam-lock hook, open the cam-lock lever. Swing the cam-lock hook under the frame tube and close the cam-lock lever (Fig. D).



WARNING



An improperly secured Pac Rac may come off the cot and cause injury. Use the Pac Rac only when it is properly secured onto the cot.

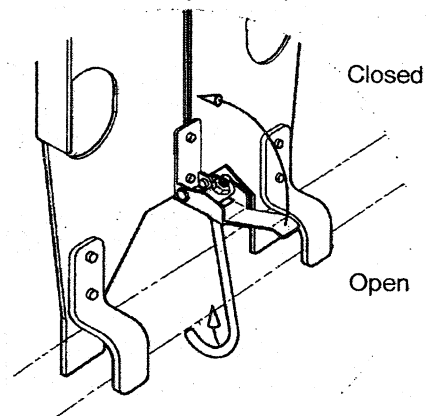


Figure D

3 - Secure instruments to the Pac Rac

The Pac Rac is designed to carry instruments such as defibrillator/monitors weighing up to 75 lbs/34 kgs (Fig. E). Safely secure all items placed on the Pac Rac before transport.

It is the responsibility of the controlling EMS to devise the strapping methods for the particular instruments used by the EMTs.



WARNING



Overloading the Pac Rac may cause injury or damage. Observe the 75 lb/34 kg load limit when placing items on the Pac Rac.

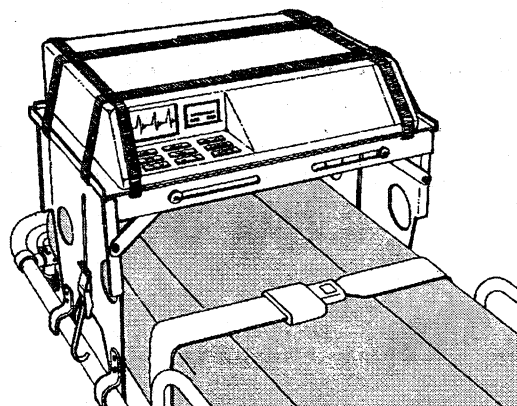


Figure E

Using the Pac Rac (continued)

Fold the Pac Rac

Unstrap and take all items off the Pac Rac. Unlock the cam-lock levers and remove the Pac Rac from the cot. Place the Pac Rac face down on a flat surface such as the cot mattress.

Press the side panel brace out to pop the brace button out of its detent (Fig. F). While maintaining pressure on the brace, fold the side panel downward. Repeat the preceding steps to fold the other side

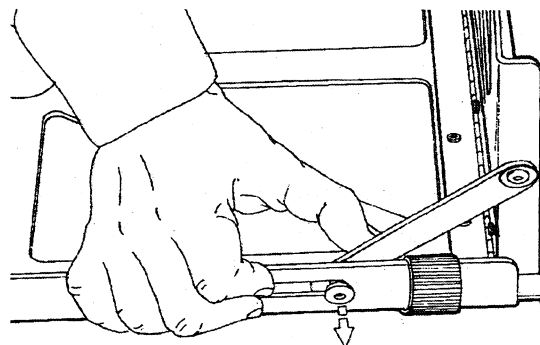


Figure F

panel.

The folded side panels overlap (Fig. G). Make sure the top side panel does not rest on the cam-lock hook of the bottom side panel. Slide the bottom panel cam-lock lever to allow the side panels to lie flat.

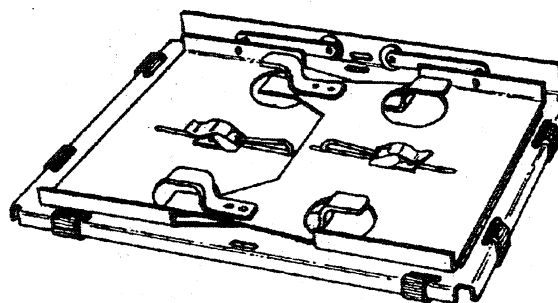


Figure G

Before storing the Pac Rac, perform scheduled maintenance (below). Store the Pac Rac in a clean, dry place when not in use.

Scheduled Maintenance

Schedule	Procedure
After each use	Clean as needed with water and a mild detergent. Dry all parts with a soft cloth. When disinfection is required, follow the disinfectant manufacturer's directions for application and use.
Every 6 months	Inspect the Pac Rac. Apply a coating of light oil to the hinges and pivot points. Fold and unfold the Pac Rac to work lubricant into place. Should improper operation, damage, or missing parts be noted, take the Pac Rac out of service for repair.



WARNING



Improper maintenance can cause injury. Do not use if parts are missing or damaged. Inspect regularly. Maintain according to the maintenance schedule in this manual.

Keep maintenance records (page 9).

Repair Parts and Service

Use only factory-authorized repair parts and service to maintain the safety and performance of the Pac Rac.

To order service parts or to request service help,

contact Ferno Customer Service.
Ferno-Washington, Inc.
70 Weil Way
Wilmington, Ohio 45177-9371

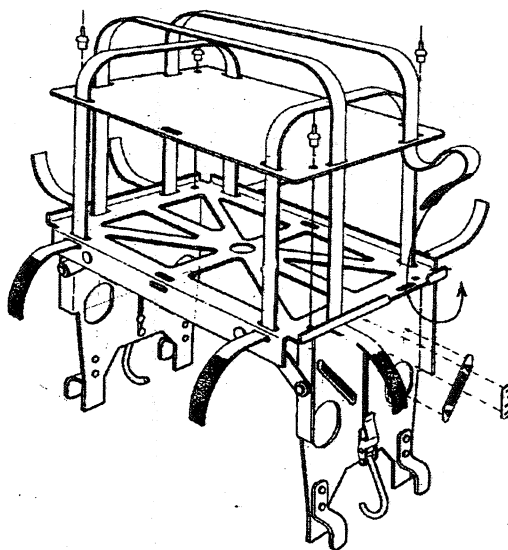
Telephone800/733-3766

513/382-1451

Fax513/382-1191

Repair Parts

090-4615-00Straps (set of 4) 1 ea
090-4616-00.....Plastic Top w/Rivets .. 1 ea
090-4617-00Label Kit 1 ea



Training Record

Date	Name	Training Method (Owner's Manual, In-Service, Class, Etc.)

Maintenance Record

Date	Name	Maintenance Operation Performed