

# Hill PT Mobilization

Treatment  
Table



  
Hill Laboratories  
COMPANY

REFERENCE MANUAL

# *Congratulations!*

And welcome to the Hill Laboratories family.

HillLaboratories Company has been making

quality a family business since 1945.

Your Hill 90PT is built in a tradition of

innovation and value that Hill Laboratories products

have become known for.

Our good name rests on the confidence that

your Hill table will provide you with solid, reliable service

for many years to come.

# *At Your Service*

## The Hill Laboratories Guarantee

Your Hill Laboratories HA90PT has been thoroughly tested and inspected before shipment. All parts are guaranteed against defect in materials for one full year from date of purchase. During this period, any such defect will be remedied by Hill Laboratories or by a factory-authorized repair service without charge.

Tables damaged by mishandling or accident will be repaired at a reasonable charge.

All correspondence should be directed to your local dealer, or when this is not possible, to Hill Laboratories directly.

We appreciate your business and your confidence in our product. Our aim is to provide you with excellent service and satisfaction for many years to come.

*Howard A. Hill*

President of Hill Laboratories Company

Table Serial Number \_\_\_\_\_

# Ready for use.

**Your Hill PT Mobilization Table comes ready to plug into any 115 outlet.**

**Stain Resistant Vinyl Upholstery**

**Headpiece**  
controlled by Mechlok® Switch

**Adjustable Lift Section**

controlled by Mechlok® Switch, raises to 80°

**Swing-Out Armrests**

Swing back when not in use

**Electric Foot Pedal**  
for height adjustment

**Protective Acrylic Base**  
Encloses all interior parts



## Specifications

**Table Rating**

Lifts up to 400 lbs. Static Tested at 1000 lbs.

**Height Range** - 22"-35"

**Standard Width** - 26"

**Length Reclined** - 6'1"

**Table Base Skirting**

Acrylic thermo-plastic

**Foam**

Ultra-Cell® for comfort and shape retention

**Shipping Weight**

Approximately 250 lbs

**Electric Requirements**

115 v~, 60 Hz., 5 A (single motor), 10 A (2 motor), where specified - 230 v~, 50 Hz.

**Note:** Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked hospital only or hospital grade. There is no EMI concern related to the safe operation of this table.

**Transportation and Storage Conditions**

**Ambient Temperature Range:**

-30°C to +60°C (-22°F to 140°F)

**Relative Humidity**

0% to 90% (non-condensing)

# Table Care

## Cleaning Your Table

Your Hill Table comes upholstered in a highly durable vinyl material. Its appearance is guarded by Prefixx™ brand protective finish. Your upholstery may be cleaned with the Hill Laboratories Vinyl Cleaner or any non-abrasive household detergent without change to surface luster. Stubborn stains can be cleaned with most common solvent cleaners such as naphtha (lighter fluid), rubbing alcohol (IPA type), toluene, Coleman gas, turpentine (paint thinner), and nail polish remover (50/50 mixture of acetone and water) with no change to surface luster or color. One hundred percent acetone can also be used for short periods but it is suggested that it first be tested on an inconspicuous area of the table.

**Caution:** These solvents are highly flammable; exercise proper care when cleaning with these materials and do not use near open flame or intense heat. Wear rubber gloves during all cleaning activities. When cleaning other parts of your table (besides upholstery) use only nonabrasive household detergents and water.

## Cautions and Symbol Explanation

**Caution:** Be sure to unplug your Hill Table before performing any maintenance on the table.

**Caution:** The table should be checked once a year to make sure all internal and external bolts are secure.

**Caution:** The table should be in its lowest height position when not attended.

**Caution:** In case of power outage, the table will rely on the generator back-up of the facility where the table is installed for powering the table to its lowest position.

**Caution:** The power cord shall be located to avoid objects being rolled over or placed on top of it and also to avoid people tripping over it. Damaged cords should be replaced with another of hospital grade.

**Caution:** Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked hospital only or hospital grade.

**Symbols - Each of the symbols below are used in your product labeling. An explanation of each is below.**



**Attention Symbol**  
consult accompanying  
documents



**Dangerous Voltage  
Symbol**



**Type BF Applied  
Part Symbol**



**Ground  
Symbol**

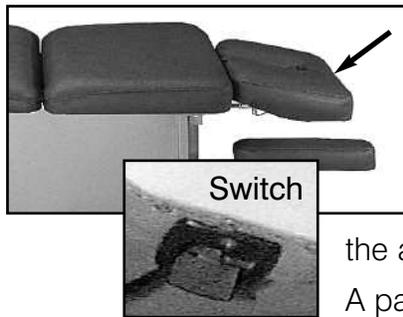


**Alternating Current  
Symbol**

# Table Features

## Manual Lift Back

The Manual Lift Back is controlled by a manual switch located on the right side of the chair as you face the back. Press and hold the switch to freely adjust the angle of the cushion. Release to lock the cushion in place.



## Tilting Headpiece with Face Cut-Out

The tilting headpiece on the 90PT can be locked in any position from 35° positive to 85° negative. To adjust, press and hold the manual switch lock (see photo) to freely adjust the angle of the cushion. Release to lock the cushion in place. A padded insert fills the face cut-out when needed.

## Swing-Out Armrests

Swing-out arm rests provide arm support for your patients in the prone position and rotate under the table top when not in use.

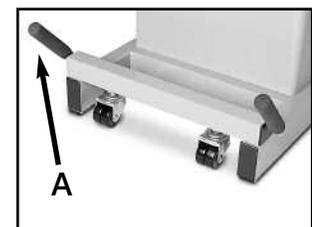


## Foot Pedals

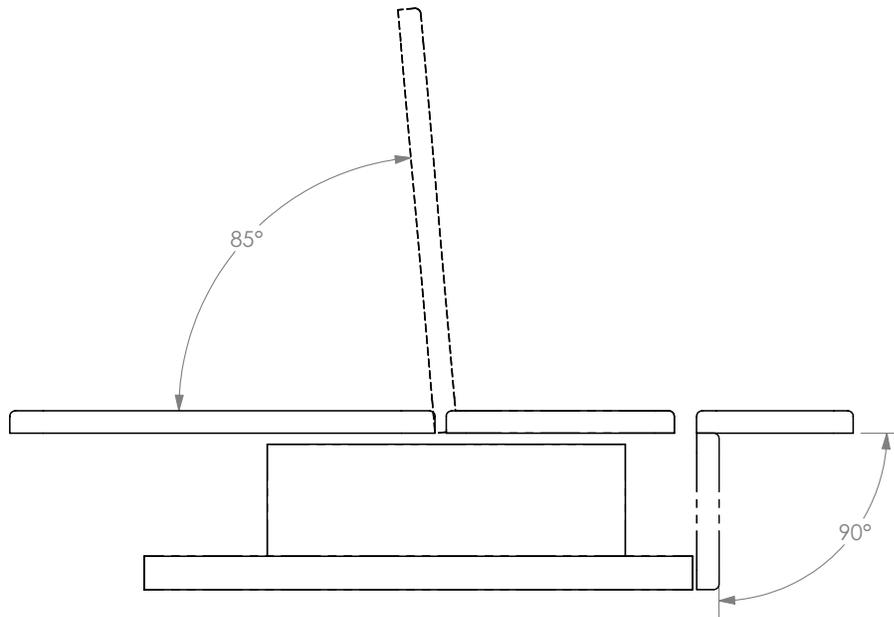
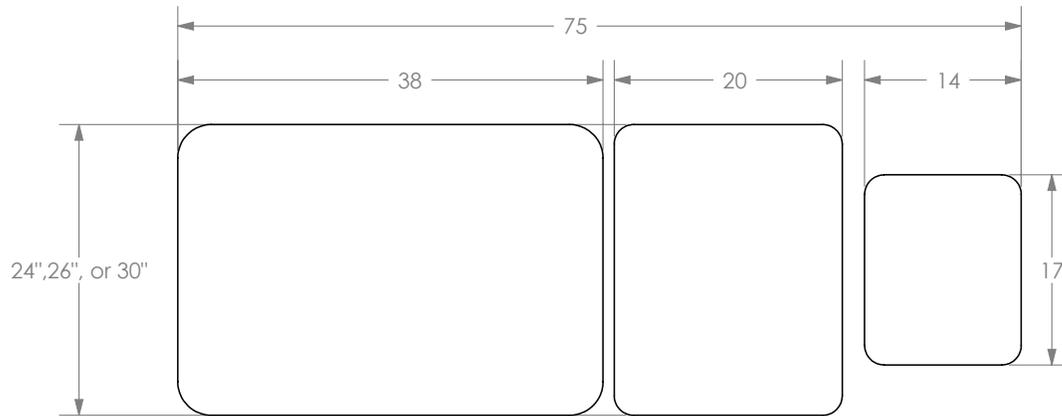
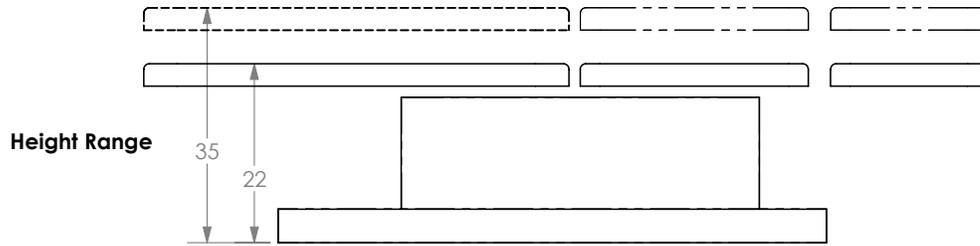
Two foot pedals may be included on the 90PT. One, marked **Back**, controls the angle of the back cushion. The second, marked **Height**, controls table elevation. Foot pedals should be carefully located so as to avoid creating a tripping hazard.

## Casters

Optional casters are located at both ends of the table. Engage the casters at both ends of the base by pushing the handles ("A") towards the floor. Table will now roll freely. Be sure to disengage both sets of casters before using the table. **IMPORTANT:** Never move table with caster while patient is on the table.

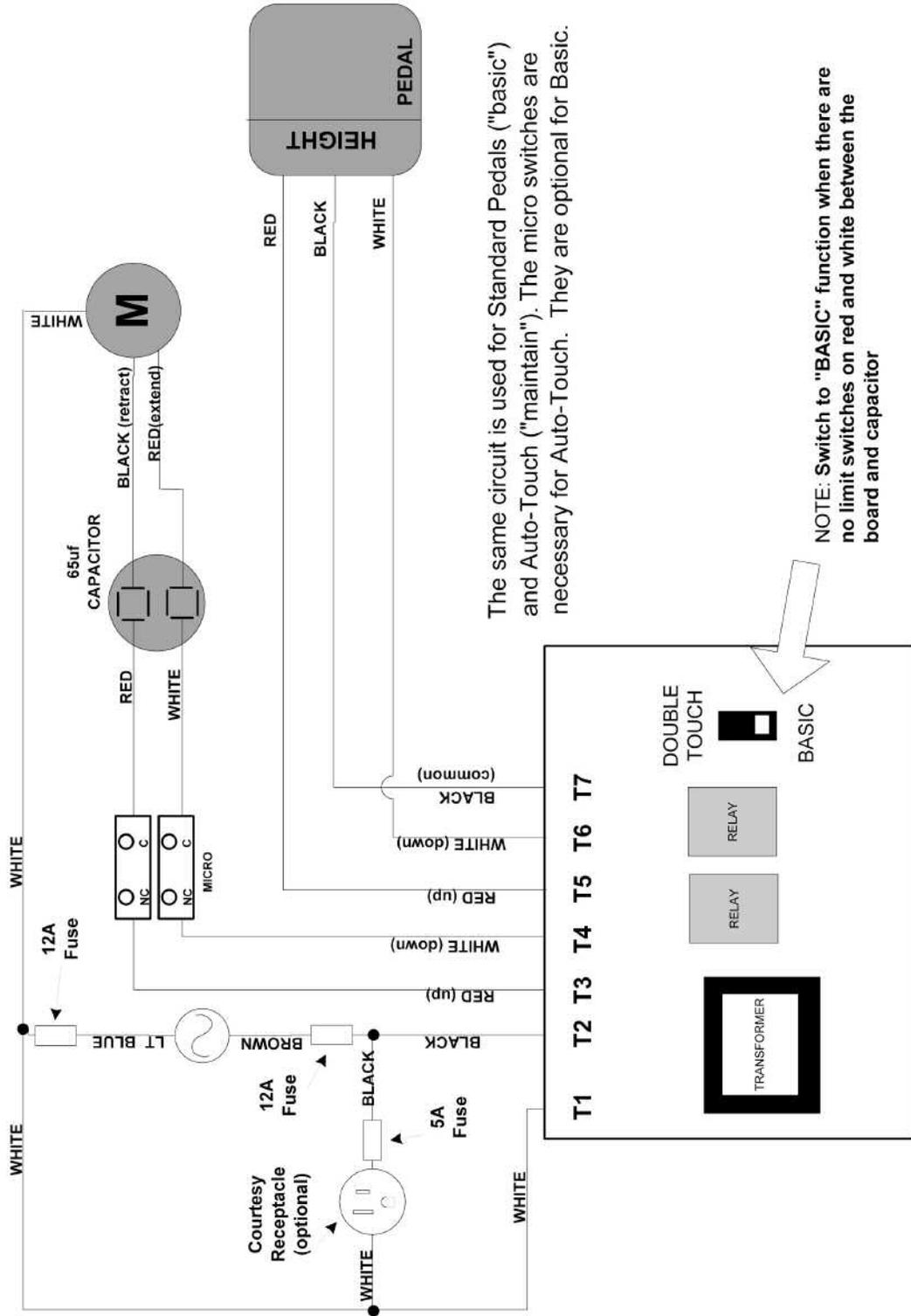


# Diagrams



# Wiring Diagrams

## Single Motor Diagram

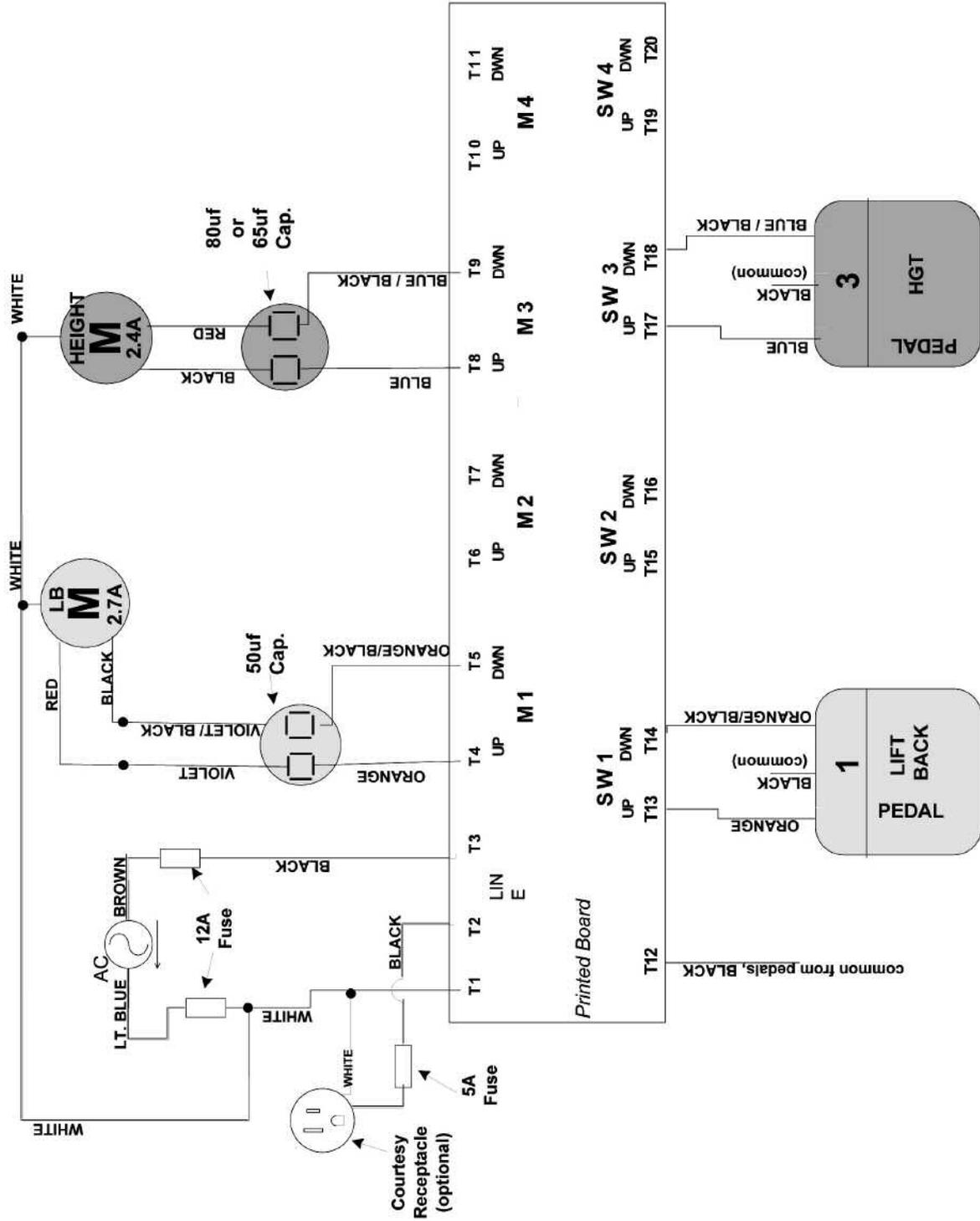


The same circuit is used for Standard Pedals ("basic") and Auto-Touch ("maintain"). The micro switches are necessary for Auto-Touch. They are optional for Basic.

NOTE: Switch to "BASIC" function when there are no limit switches on red and white between the board and capacitor

# Wiring Diagrams

## Two Motor Diagram





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