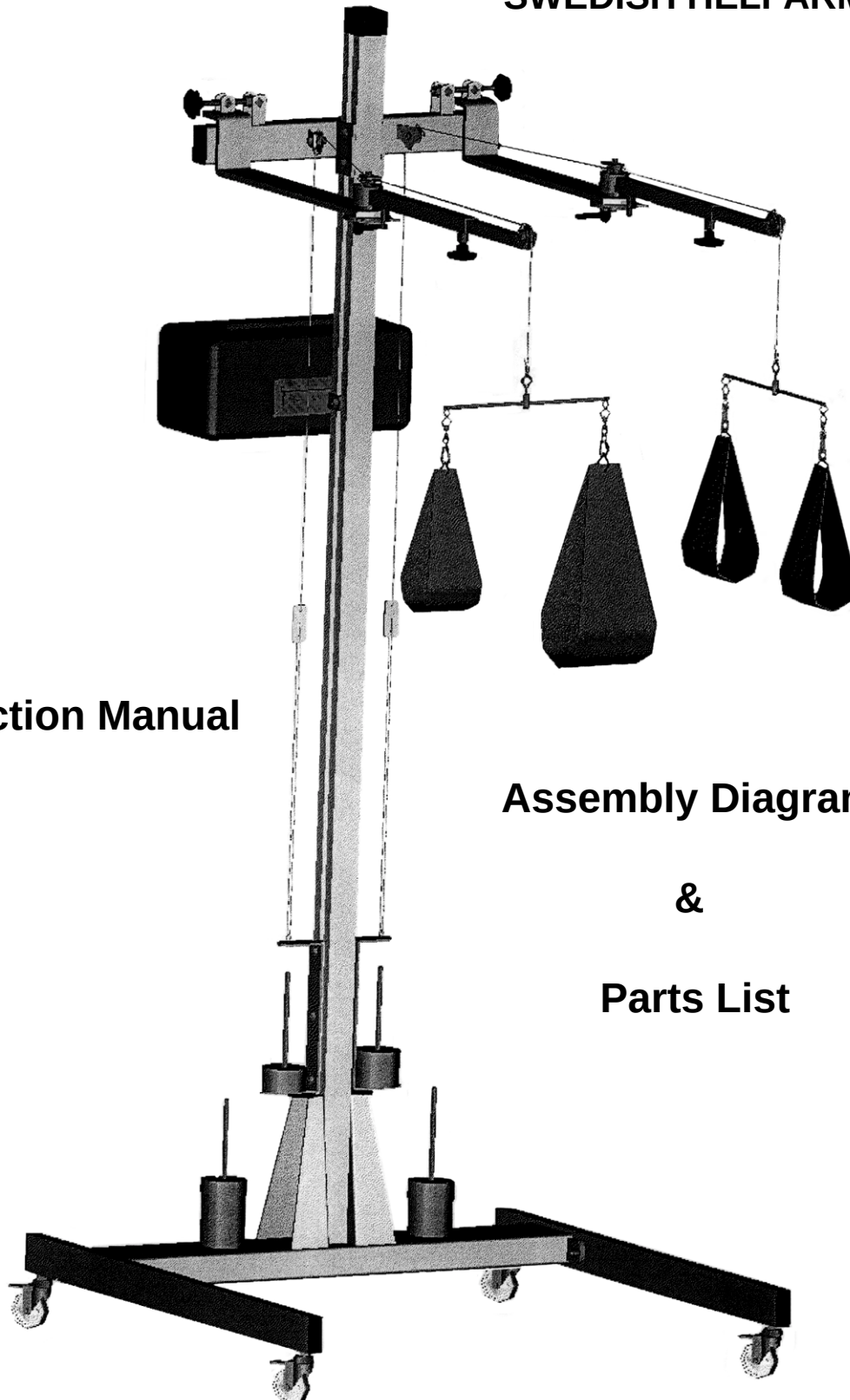


**Exclusive Distributor for  
SWEDISH HELPARM**



**Instruction Manual**

**Assembly Diagram**

**&**

**Parts List**



## Boom Height

Lower the boom height to use the Swedish Helparm with patients in a prone position. (Caution should be taken to avoid the "boom" from dropping once the mounting bolts have been loosened).

65110 SWEDISH HELPARM

### A. Arm Angle Bar Adjustment Knob

1. Turning the arm angle "out" will provide assistance for extension and resistance to flexion.
2. Turning the arm angle "in" will provide assistance for flexion and resistance to extension.

### B. Arm Extension/Flexion Lever

Adjust the stop plates to pre-set the distance of travel for arm extension/flexion.

### C. Arm Length Adjustment Knob

Extend the arm to provide assistance to extension and resistance to flexion, or retract the arm to provide resistance to extension and assistance to flexion.

### D. Cuff Bar Adjustment

1. Adjust the eyelet screw proximal (toward the elbow) to provide assistance lifting the shoulder.
2. Adjust the eyelet screw distally (toward wrist) to provide assistance lifting the hand.

### E. Wheelchair Placement

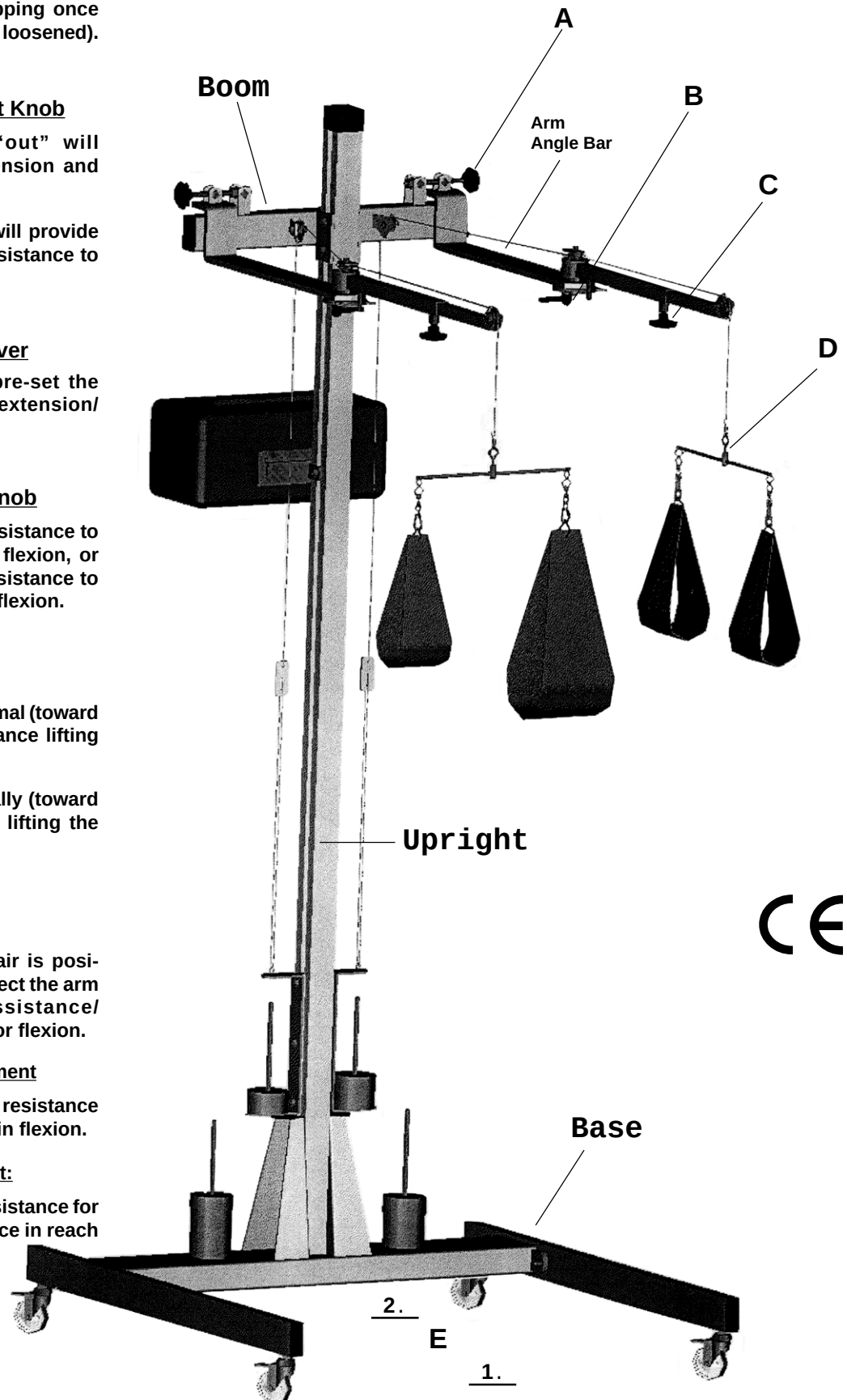
The depth that the wheelchair is positioned inside the base will affect the arm length adjustment for assistance/resistance to extension and/or flexion.

#### 1. Wheelchair: Forward placement

Retract the arm length bar for resistance to extension and assistance in flexion.

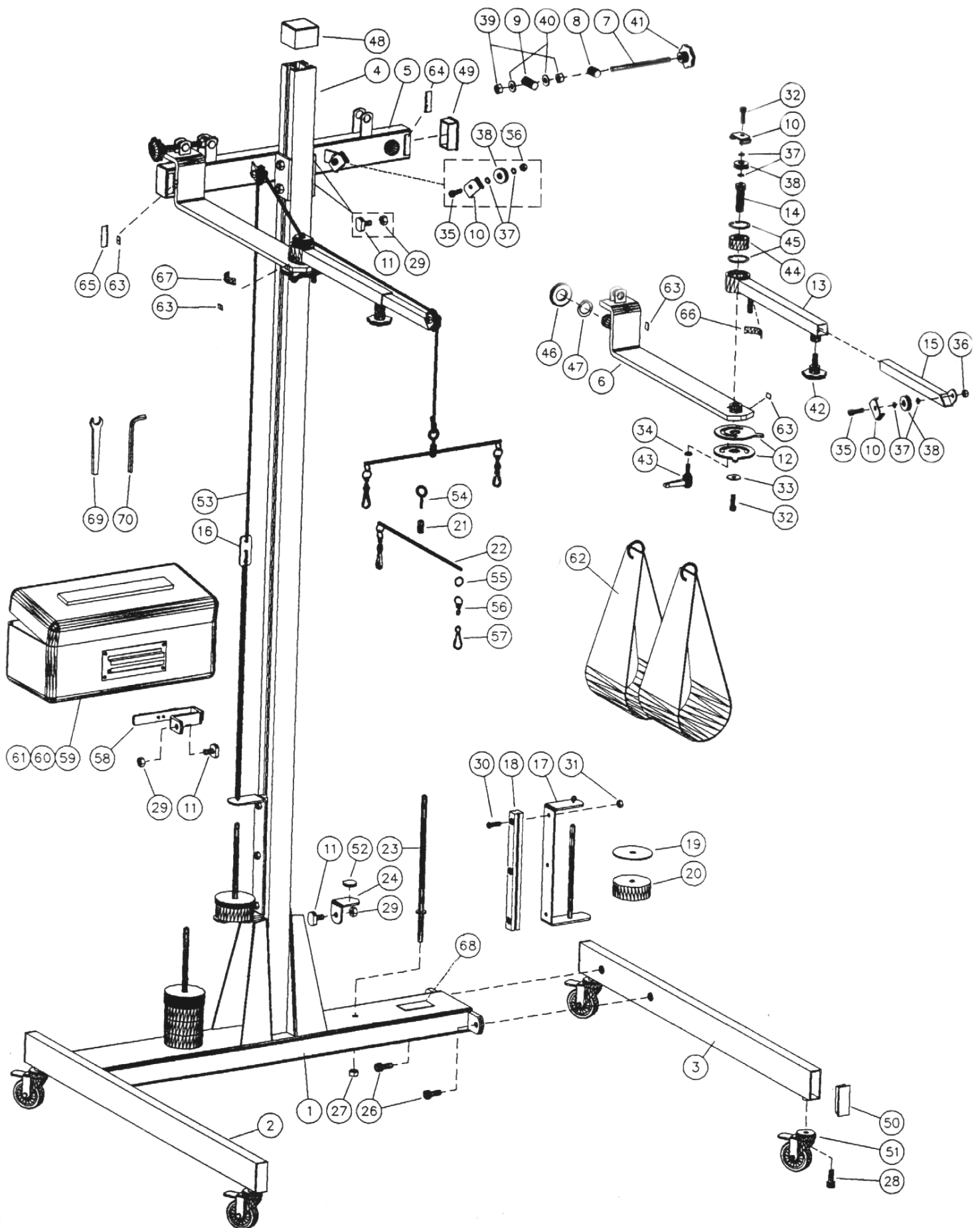
#### 2. Wheelchair: Back placement:

Extend the arm to provide assistance for reach extension and resistance in reach flexion.



CE

# 65110 Swedish Helparm



Kinsman Enterprises, Inc. (618) 932-3838

## # 65110 SWEDISH HELPARM

### UNPACKING - MOUNTING

1. Remove all packing materials. DO NOT use a knife or other sharp instrument to avoid damaging the contents.
2. Inspect the unit carefully and check for any transport damage.
3. Follow the mounting instructions step by step, and make sure that all the screws and nuts are tightened.

### SAFETY INSTRUCTIONS

1. If the cord(s) is damaged, do not operate the Swedish Helparm until it is replaced.
2. Do not overload the Swedish Helparm (max. 3 kg (6.6 pounds) in each cord).

### MAINTENANCE INSTRUCTIONS

#### Check the following at regular intervals (every third month)

1. Wear and tear in cord and knotted ends.
2. Make sure all the pulleys rotate easily.
3. Ensure that all locking devices for adjustment are in good order and functioning properly.

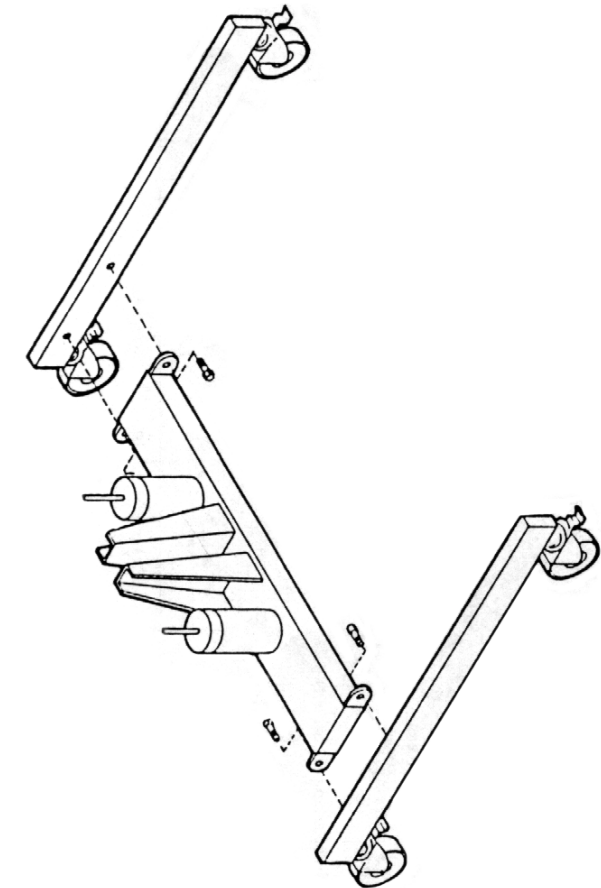
#### Technical Specifications

Height: 180 cm (71")      Depth: 140 cm (55")  
Width: 140 cm (55")      Weight: 28 kg (62 lbs.)

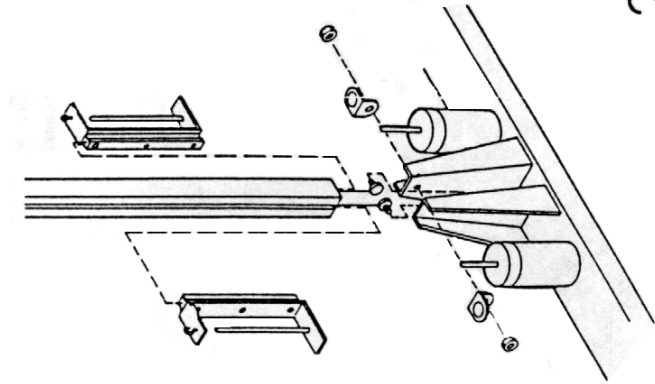
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### PARTS LIST

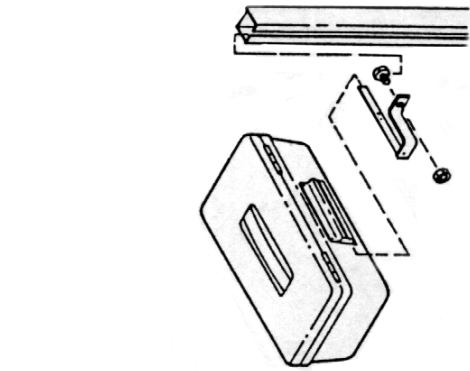
| Pos | Qty | Reorder # | Description              | Pos | Qty | Reorder # | Description                         |
|-----|-----|-----------|--------------------------|-----|-----|-----------|-------------------------------------|
| 1   | 1   | 65150-01  | Lower Frame              | 36  | 4   | 65150-31  | Lock Nut (M6)                       |
| 2   | 1   | 65150-02  | Right Foot               | 37  | 12  | 65150-37  | Thin Washer (Ø6/12-0.5)             |
| 3   | 1   | 65150-03  | Left Foot                | 38  | 6   | 65150-38  | Cord Pulley (Ø24/7)                 |
| 4   | 1   | 65150-04  | Bar                      | 39  | 4   | 65150-27  | Lock Nut                            |
| 5   | 1   | 65150-05  | Upper Frame              | 40  | 4   | 65150-40  | Washer (Ø8)                         |
| 6   | 1   | 65150-06  | Inner Arm                | 41  | 2   | 65150-41  | Handle                              |
| 7   | 2   | 65150-07  | Thread Bar               | 42  | 2   | 65150-42  | Lock Handle                         |
| 8   | 2   | 65150-08  | Axle with Thread         | 43  | 2   | 65150-43  | Lock Handle                         |
| 9   | 2   | 65150-09  | Axle                     | 44  | 2   | 65150-44  | Ball Bearing                        |
| 10  | 6   | 65150-10  | Cord Guide               | 45  | 4   | 65150-45  | Lock Ring (I-32)                    |
| 11  | 9   | 65150-11  | Special Screw            | 46  | 2   | 65150-46  | Lock Cap                            |
| 12  | 4   | 65150-12  | Angle Stopper            | 47  | 2   | 65150-47  | Lock Ring (A20)                     |
| 13  | 2   | 65150-13  | Inner Telescoping Arm    | 48  | 1   | 65150-48  | Plastic Cap (U 40x40)               |
| 14  | 2   | 65150-14  | Axle                     | 49  | 2   | 65150-49  | Plastic Plug (F 50x30)              |
| 15  | 2   | 65150-15  | Outer Telescoping Arm    | 50  | 4   | 65150-50  | Plastic Plug (F 50x20)              |
| 16  | 2   | 65150-16  | Cord Tighten Unit        | 51  | 4   | 65150-51  | Wheel                               |
| 17  | 2   | 65150-17  | Weight Frame             | 52  | 2   | 65150-52  | Felt Knob                           |
| 18  | 2   | 65150-18  | Plastic Guide            | 53  | 2   | 65150-53  | Cord (2.5 m)                        |
| 19  | 20  | 65150-19  | Weight, 20 gram          | 54  | 2   | 65150-54  | Eye Screw (M4x15)                   |
| 20  | 8   | 65150-20  | Weight, 500 gram         | 55  | 4   | 65150-55  | Key Ring                            |
| 21  | 2   | 65150-21  | Fastener for Bar         | 56  | 4   | 65150-56  | Swivel                              |
| 22  | 2   | 65150-22  | Bar                      | 57  | 4   | 65150-57  | Carabin Hook                        |
| 23  | 2   | 65150-23  | Weight Holder            | 58  | 1   | 65150-58  | Tool Box Attachment Bar             |
| 24  | 2   | 65150-24  | Stopper for Weight Frame | 59  | 1   | 65150-59  | Tool Box Outer Support Frame        |
| 26  | 4   | 65150-26  | Screw (M8x20)            | 60  | 1   | 65150-    | Tool Box Inner Support Plate/ Frame |
| 27  | 2   | 65150-27  | Lock Nut                 | 61  | 1   | 65150-61  | Plastic Tool Box w/o frame          |
| 28  | 4   | 65150-26  | Screw (M8x20)            | 62  | 1   | 65111     | Set of Slings, Complete             |
| 29  | 9   | 65150-27  | Lock Nut                 | 63  | 4   | 65150-63  | Label - indicators                  |
| 30  | 6   | 65150-30  | Screw (M6x20)            | 64  | 1   | 65150-64  | Left Inner Degree Label             |
| 31  | 6   | 65150-31  | Lock Nut (M6)            | 65  | 1   | 65150-65  | Right Inner Degree Label            |
| 32  | 4   | 65150-32  | Screw (M6x20)            | 66  | 1   | 65150-66  | Left Outer Degree Label             |
| 33  | 2   | 65150-33  | Washer (Ø6/22)           | 67  | 1   | 65150-67  | Right Outer Degree Label            |
| 34  | 2   | 65150-34  | Washer (Ø6)              | 68  | 1   | 65150-68  | Label "Serial No."                  |
| 35  | 4   | 65150-32  | Screw (M6x20)            | 69  | 1   | 65150-69  | Spanner Wrench (13 mm)              |
|     |     |           |                          | 70  | 1   | 65150-70  | Unbraco Tool (Allen Wrench - 6 mm)  |



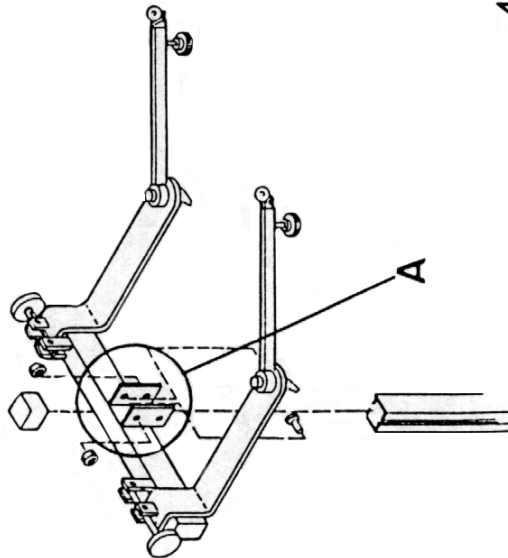
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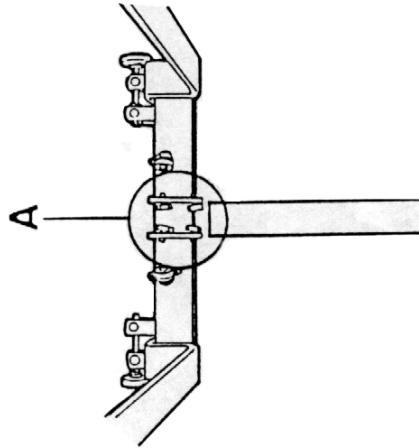
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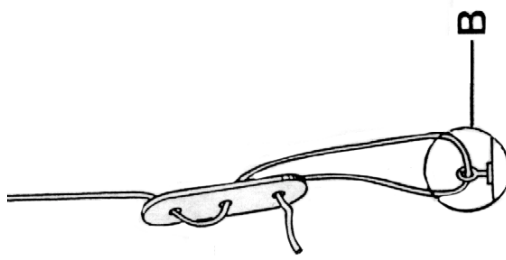
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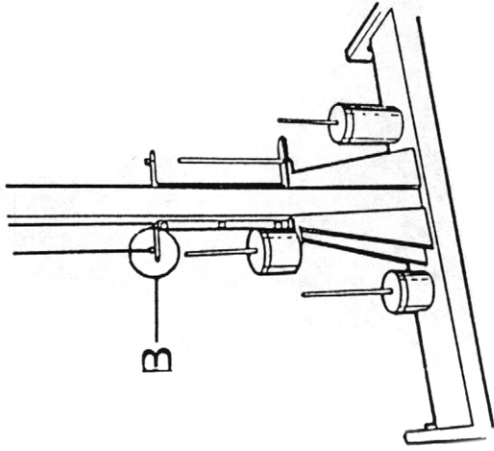
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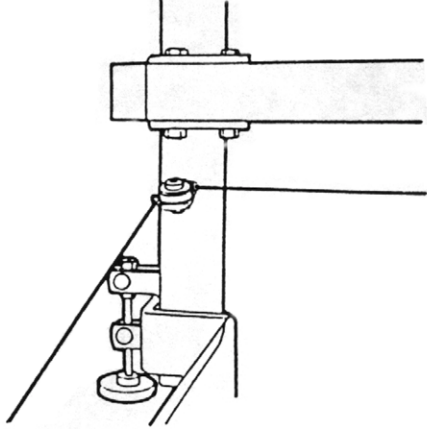
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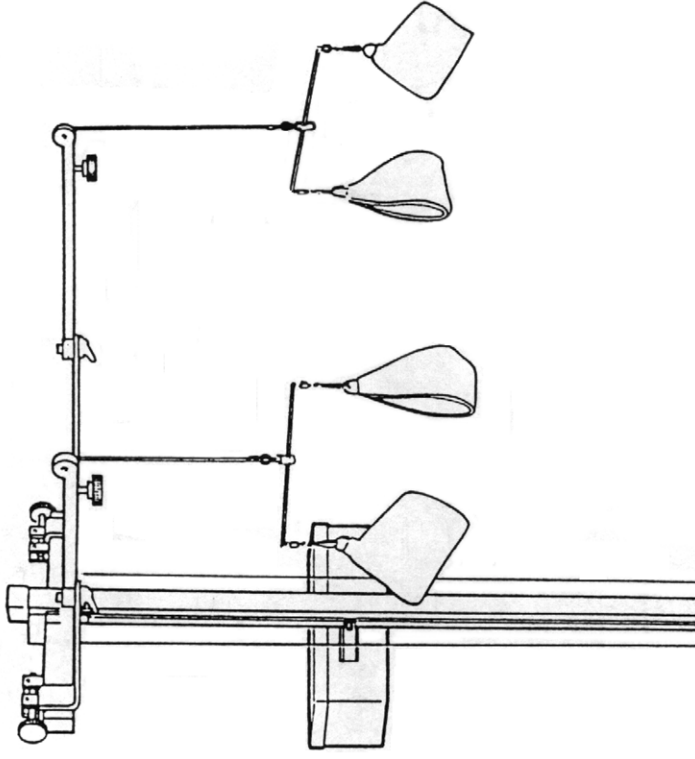
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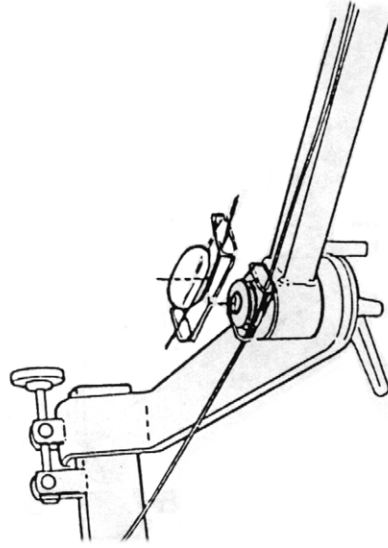
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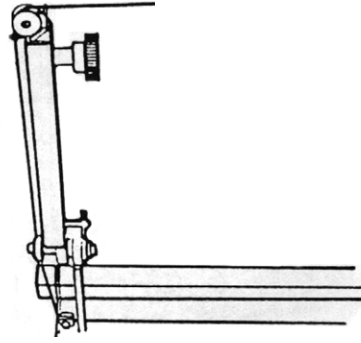
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