

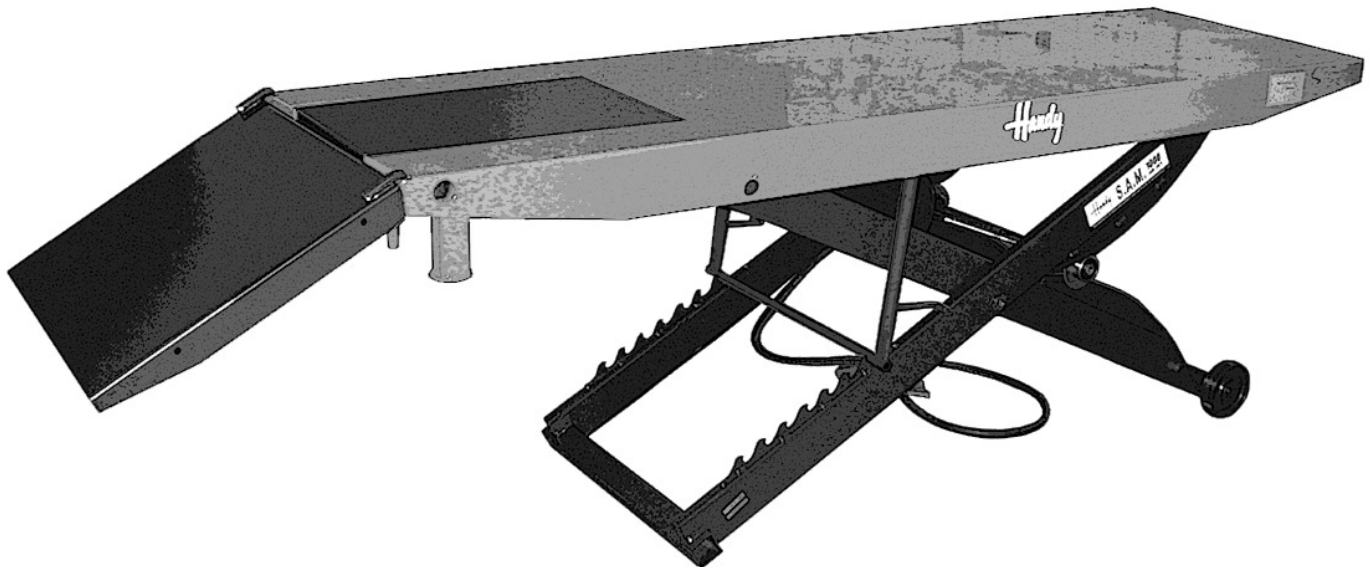


# **S.A.M. 1000 AIR LIFT**

**INSTRUCTIONS • PARTS DRAWING • PARTS LIST**

Part Numbers 16000 - 16754 - 16584

**WARNING: READ INSTRUCTIONS BEFORE OPERATING**



1. Center load on table - 1000 lb. maximum.
2. Connect to 100 psi maximum shop air.
3. Keep safety bar in position at all times - except when lowering.
4. Keep hands and tools from under carriage.
5. Do not mount table when in elevated position.
6. Do not ride vehicle onto lift.
7. Lift must be in the lowered position when moving.
8. Only trained persons should operate Air Lift.
9. The working area should be sufficiently lit.
10. Foot controller should be at least 3 feet away from Air Lift during raising and lowering operation.
11. Recommended for indoor use only.

**HANDY DIVISION OF JADEIM, LLC**

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# S.A.M. 1000 AIR LIFT



**NOTE: READ ENTIRE MANUAL TO COMPLY WITH ALL SAFETY AND SERVICE PRECAUTIONS. DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY OCCUR UNLESS INSTRUCTIONS ARE FOLLOWED CAREFULLY.**

## INSTRUCTIONS

### UNPACKING AND SET-UP

- ➔ 1. Open carton, then remove ramp and shipping boards.
  - ➔ 2. CAREFULLY TURN TABLE UPRIGHT INTO OPERATING POSITION BEFORE REMOVING SHIPPING CABLE RESTRAINT FROM SCISSOR MECHANISM.
  - ⚠ 3. Connect foot-operated air valve to 100 psi maximum air supply. The lift may be damaged and/or personal injury may result if the pressure exceeds the maximum 100 psi rating.
  4. Stand clear of lift table, and depress the UP side of foot valve to raise table.
  5. To lower table, lift detent bar from safety latch and lower to next position or to floor.
  6. Place drop-out cover over dropout opening.
  7. Insert ramp mounting pins into holes at either end of table to mount ramp.
- NOTE: If cycle vise is being installed, ramp must be mounted opposite the cycle vise.

### OPERATION

- ⚠ 1. Loads must be centered on table at all times. Table is rated for a maximum load of 1000 lbs.
- ⚠ 2. Loads must be firmly positioned and secured on table at all times.
3. All moving parts have been lubricated at the factory and should be re-lubricated every (6) months to prevent galling. Grease zerks are located at each end of frame pivot shaft and at top ends of inside frame assembly.
4. Lightly oil cylinder rod when it becomes dry.
5. Squirrt some oil through bleed hole in plate end of cylinder to lubricate piston and its seal every (6) months.
6. Pivot shaft set screws should be checked frequently to be sure they are tight. These are located at the top end of the inside frame assembly.

### OTHER OPTIONS AVAILABLE

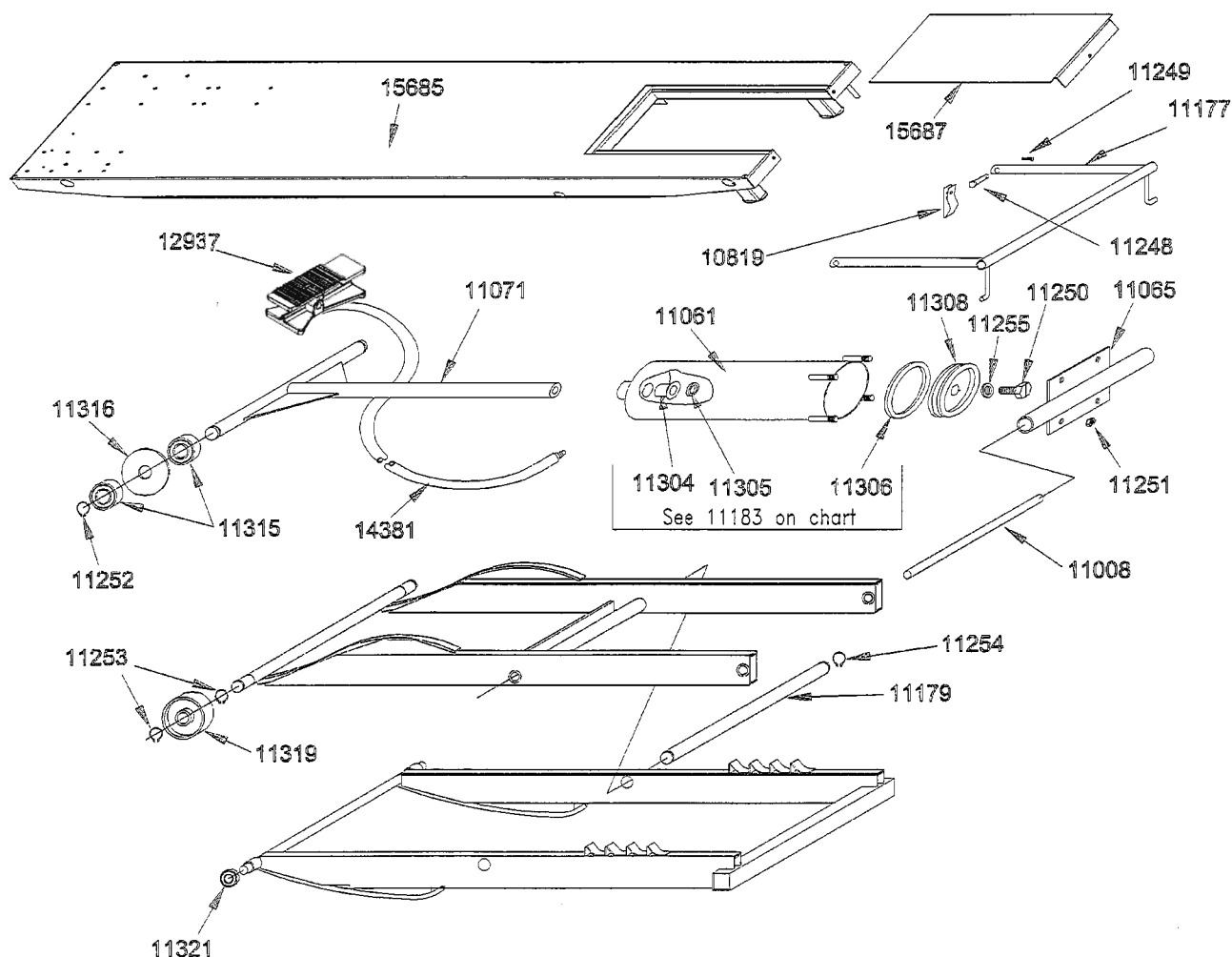
Separate installation instructions included with each option.

| PART # | DESCRIPTION  |
|--------|--|
| 14476  | <b>CV-17 CYCLE VISE</b> – Vise with removable wheel stop built into vise   |
| 10728  | <b>12" SIDE EXTENSIONS (2)</b> – Expands width of lift from 24" to 48" includes stabilizer bar                                     |
| 16011  | <b>13" FRONT EXTENSION</b> – Extends lift top to 93" for longer wheel base motorcycles   |
| 10736  | <b>13" REAR EXTENSION</b> – Extends lift top to 93" for longer wheel base motorcycles  |
| 15566  | <b>RAMP END EXTENSIONS</b> – Attaches to end of lift ramp for a more gradual incline to prevent bigger bikes from dragging bottom. |
| 16355  | <b>CE FOOT PEDAL</b> – Covered foot pedal  |
| 10732  | <b>LIFT DOLLY</b> – Helps move lift while in down position   |
| 16010  | <b>TOOL TRAY</b> – Keeps tools organized and Handy   |



# S.A.M. 1000 - AIR LIFT

## PARTS DRAWING - PARTS LIST



| PART # | DESCRIPTION                  |
|--------|------------------------------|
| 10819  | detent clip                  |
| 14381  | valve hose w/fitting         |
| 11250  | screw 3/4 -10 x 1-3/4        |
| 11253  | retaining ring 1-5/16        |
| 11255  | lockwasher - 3/4"            |
| 11319  | wheel                        |
| 12887  | valve stem assembly          |
| 12937  | foot valve assembly complete |
| 13304  | cylinder shaft bushing       |
| 13305  | cylinder shaft seal          |
| 11061  | cylinder                     |
| 11071  | cylinder shaft assembly      |
| 11315  | cam roller bearing           |
| 11252  | retaining ring               |
| 11308  | piston                       |
| 11306  | piston seal                  |

| PART # | DESCRIPTION            |
|--------|------------------------|
| 11065  | cylinder end plate     |
| 11250  | screw 3/4-10 x 1-3/4   |
| 11316  | cam bearing space      |
| 15685  | top assembly           |
| 11225  | inside frame assembly  |
| 11222  | outside frame assembly |
| 11123  | ramp                   |
| 15687  | drop out cover         |
| 11177  | detent bar             |
| 11179  | frame pivot shaft      |
| 11008  | cylinder pivot shaft   |
| 11254  | retaining ring 1-1/4"  |
| 11321  | track roller bearing   |
| 11253  | retaining ring         |
| 11248  | 1/2 x 1-3/4 clevis pin |
| 11249  | cotter pin 1/8 x 7/8   |

### **HANDY LIMITED WARRANTY**

Handy Industries Division of Jadeim LLC, warrants to the original purchaser of this product, all parts to be free from defects in manufacture for a period of one (1) year from date of delivery. Notice of a defective part must be received in writing at Handy Industries within one (1) year of purchase. All defective parts must be returned to Handy Industries and which, upon our examination any parts which are defective in manufacture or workmanship, will be replaced or put in good operating condition. This warranty does not apply to damage resulting from accident, improper installation, repair, operation or maintenance, negligence or neglect. THE COST OF SUCH REPLACEMENT OR REPAIR SHALL BE EXCLUSIVE REMEDY FOR ANY BREACH OF ANY WARRANTY AND HANDY INDUSTRIES SHALL NOT BE LIABLE TO ANY PERSON FOR CONSEQUENTIAL DAMAGE, OR INJURY, OR COMMERCIAL LOSS RESULTING FROM ANY BREACH OF WARRANTY. HANDY INDUSTRIES MAKES NO WARRANTY OR MERCHANTABILITY, MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND MAKES NO OTHER WARRANTY EXPRESSED OR IMPLIED, INCLUDING IMPLIED WARRANTY ARISING FROM THE COURSE OR DEALING OR USAGE OF THE TRADE.