

## 1200 Lbs.- 5000 Lbs. Adjustable Air Press

The A-Series Adjustable Air Press is a **highly versatile** bench top air press that comes complete with a **full range cylinder head adjustment**. This air press gives the ability for easy and accurate die set-ups by allowing proper shut height and cylinder stroke.

These A-Series air press comes in three sizes ranging from 1200 Lbs. to 5000 Lbs. of capacity. Standard features include a full head cylinder adjustment, anti-rotation ram guide, precision honed & chromed cylinders, air cushions on both ends of the stroke, and a dual acting air cylinder.

### What Makes us Better

The A-Series Adjustable Air Press line is a simple yet extremely flexible bench top air press which has been manufactured at our Jackson, Michigan facility for over 65 years. This manufacturing process allows us to offer our customers an air press that is assembled and built to their specifications and control package needs.

### Advantages

- Ruggedly Built
- Low Maintenance
- Multiple Control Package Options
- Flexible for Multi-Uses
- Easily Configured to Suit



#### Model 28-A Adjustable Air Press:

- Additional 6.0" of Column/Daylight Opening
- Optional 2.0" Adjustable Downstop (positive stroke adjustment)
- Optional Riser Screw Adjustment with Keyway in Press Column
- Standard Electric (EDP-1) Two-Hand Non-Tie Down Control Package

### Specifications

Description	Model 12-A	Model 28-A	Model 50-A
Force @ 100 psi Air	1200 Lbs.	2800 Lbs.	5000 Lbs.
Stroke (NOTE: adjustable with downstop option)	2.50"	3.00"	3.00"
Daylight (adjustable)	0" to 7.50"	0" to 10.0"	0" to 10.0"
Throat Depth	6.0"	6.0"	6.0"
Ram Diameter	0.88"	1.00"	1.00"
Ram Thread	1/2"-20	1/2"-20	1/2"-20
Cylinder Bore	4.0"	6.0"	8.0"
Cylinder Port (NPT)	3/8"	1/2"	1/2"
Weight	85 Lbs.	200 Lbs.	250 Lbs.



## **A-Series Adjustable Air Press**

(Model 12-A, 28-A, and 50-A)

### **Standard Features**

- Full Cylinder Head Adjustment
- ½"-20 Threaded Cylinder Rod
- Anti-Rotation Ram Guide
- Precision Honed & Chromed Cylinder
- Air Cushions on Both Ends of Stroke
- Dual Acting Air Cylinder
- Rugged Bench Top Design

### **Available Control Options**

- Two-Hand Non-Tie Down Control Packages
- Pressure / Dwell / Distance Return Options
- Light Curtain & Guarding Packages
- PLC Control Packages
- Load Cell & Distance Monitoring Packages
- Jog Control Option
- Custom Designed Control Package

### **Air Press Options**

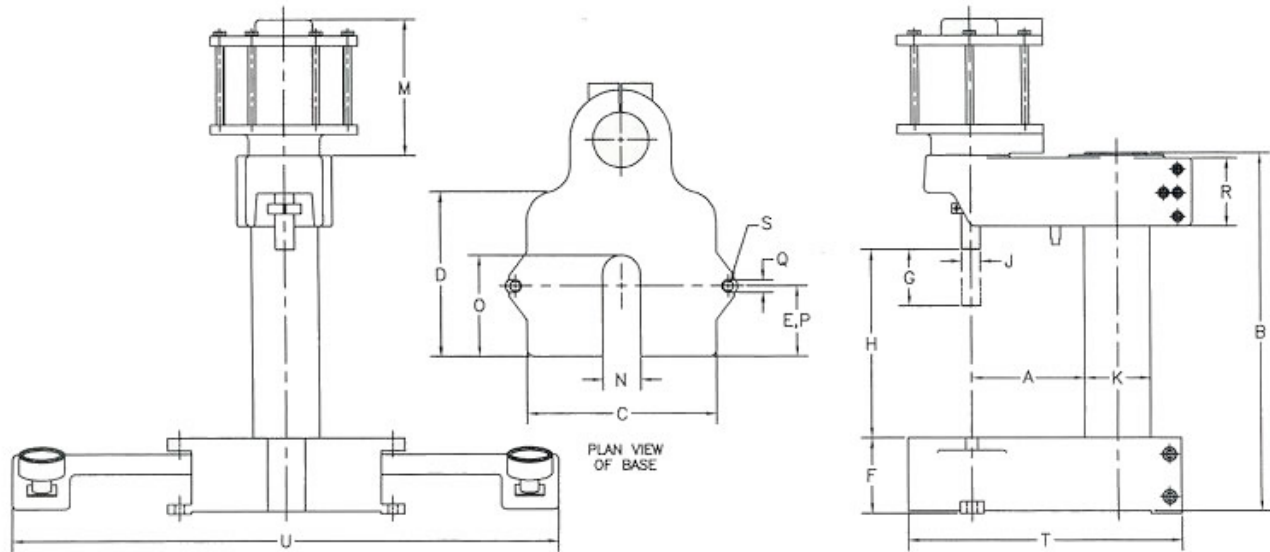
- 2.0" Adjustable Downstop (positive stroke adjustment)
- Additional Stroke Lengths
- Additional Column Heights (increase daylight)
- Riser Screw Adjustment with Keyway in Press Column
- Custom Designed Machine Bases
- 2-Post or 4-Post Designs
- Customer Specified Threaded Cylinder Rod
- Custom Designed Tooling / Fixture Packages

### **Application Possibilities**

- Press fit assembly
- Riveting
- Punching
- Marking
- Staking
- Crimping
- Forming
- Swaging

**Contact Us Today! • 1-800-837-4355 • [info@airhydraulics.com](mailto:info@airhydraulics.com)**

# air-hydraulics INCORPORATED



<b>DIM KEY</b>	<b>Description (U.S. Inches)</b>	<b>12-A</b>	<b>28-A</b>	<b>50-A</b>
A	Ram Centerline to Column	6.00	6.00	6.00
B	Column Height	13.50	19.00	19.00
C	Platen Left to Right	7.00	10.00	10.00
D	Platen Fron to Back	6.00	8.75	8.75
E	Centerline of Slot to Front of Base	3.00	3.75	3.75
F	Base Height	3.00	4.00	4.00
G	Stroke	2.50	3.00	3.00
H	Arm Adjustment Range	0-7.50	0-10	0-10
J	Ram Diameter	0.88	1.00	1.00
K	Column Diameter	2.50	3.50	3.50
M	Cylinder Height	6.18	7.38	7.38
N	Slot Width	3.00	2.00	2.00
O	Slot Depth	4.50	5.38	5.38
P	Centerline of Rod to Front of Base	3.00	3.75	3.75
Q	Mounting Slot	.50Wx.88D	.50Wx.38D	.50Wx.38D
R	Arm Thickness	2.75	3.75	3.75
S	Mounting Bolt Hole Diameter	0.41	0.53	0.53
T	Front to Back Overall	12.56	14.50	14.50
U	Overall Width	25.75	28.75	28.75
*	Force @ 100 psi	1200 lbs.	2800 lbs.	5000 lbs.
*	Cylinder I.D.	4.00	6.00	8.00
*	Port Sizes	3/8	1/2	1/2
*	Shipping Weight in lbs.	85	200	250
*	Distance Between MTG. Holes	5.75	11.25	11.25
<b>Note: Dimensions "G" &amp; "H" may change per customers request.</b>				

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