

Robotic Mounted Air Marker: Model 75S & 85S

Model 75S and 85S: Compact lightweight design, these single action air hammers are pressure activated. Mount onto robotic arm and present to part, or vice-a-versa. The force required for actuation is equivalent to the air pressure being used.

- Two basic styles of this air hammer look identical. The internal difference offers two power ranges. The maximum marking pressure for the model 75S is 1500 at 80 psi, and the maximum marking pressure of the model 85S is 2500 at 80 psi.
- Four bolt holes are located at the back of the marker for easy installation. (4) 5/16" tap x .62 deep equally spaced on a 1.562" B.C.
- 3 Standard rod styles to hold the stamps offer multi-character OA or OAS38, and single character OB
- Each system offers a choice of air port connections. One is located on the back of the cylinder and

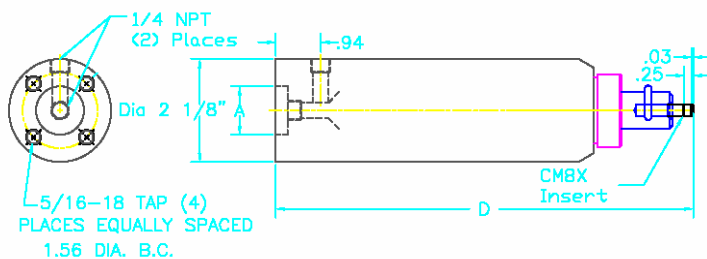


one is located on the side of the cylinder. With these 1/4 NPT connections CMT recommends the use of 3/8" airline. Use of a filter and lubricator is also recommended.

Model 75S and 85S How To Order

To Order: Select only the symbols that represent the marker feature that is needed. Place that symbol in the sequence as shown.

FEATURE	SYM.	EXAMPLE
75S Lower power	075S	- 085S-0A
85S Higher power	085S	
Rod Style "B" single character	OB	
Rod Style "A" multi-character	OA	
Rod Style "AS38" multi-character	OAS38	



A=1.001/1.002" diam x .25" deep locating pilot bore, B=.25" Max over travel, C=.03" Firing position, D=8.38" for "A" rod, and 8.50" for "B" rod Rest Position

Recommended Air Hose: 3/8" I.D. minimum

Operating Pressure: 20 to 100psi

Max. Marking Pressure: Model 75S is 1500lbs (at 80psi), Model 85S is 2500lbs (at 80 psi)

Stamp Capacities Rod Style "B"

(1) Pc CM8X round insert 1/16" to 1/4" character. Multi-character insert available for smaller character sizes.

Stamp Capacities Rod Style "A"

(4) Pc's 1/16 Char. CMG06

Stamp Inserts

(2) Pc's 1/8 Char. CMG13

Stamp Inserts

Stamp Capacities Rod Style "AS38"

(6) Pc's 1/16 Char. CMG06

Stamp Inserts

(3) Pc's 1/8 Char. CMG13 Stamp Inserts



Rod Style A