

# Anyang Forging Press Machinery Industry Co., Ltd

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 C41 series one piece pneumatic forging hammer



**Applications:** Pneumatic Hammer are widely used for general Forging Works in blacksmithing, such as drawing-out, upsetting, punching, chiseling, forged welding, bending and twisting. It is also used for loose tooling forge.

## Features:

- + Integrated one piece resin sand casting machine body, durable and aesthetic feeling inspiring your blacksmithing creativity.
- + Easy operation, the machine can be operated by hand as well as by foot, a special foot lever was designed to make foot operation more comfortable and efficient.
- + A plate was mounted at the operating handle showing every actions of ram while hammering.
- + A special oil-box was provided for lubricating the cylinders. Prior to starting the hammer, turn the hand-crank on the oil box to get a pre-lubrication.
- + Steel base can be supplied together with the hammer on customer requirements, hammer, motor, motor cover ..... every part was installed on the steel base, you can take the hammer anywhere you want, especially for an artistic blacksmithing show.
- + Special dies are procurable on order, good helper in creation.

## Detail Parameters of One Piece Pneumatic Hammers:

Model	C41-9	C41-15	C41-25	C41-40	C41-55	C41-75
Weight of falling parts (kg)	9	15	25	40	55	75
Max blow energy(kj)	0.09	0.16	0.27	0.53	0.7	1
Diameter of the working cylinder (mm)	100	115	165	200	215	210
Diameter of the compressing cylinder (mm)	105	125	170	205	220	240
Number of blows per minute (min <sup>-1</sup> )	245	245	250	245	230	210
Distance between top and bottom die (mm)	135	160	240	230	270	300
Distance from center of die to frame (mm)	120	140	200	235	270	280
Dimension of top die surface(L x W) (mm)	60x35	70x40	100x50	116x53	135x60	145x65
Dimension of bottom die surface(L x W)(mm)	60x35	70x40	100x50	116x53	135x60	145x65
Max round steel can be forged (Dia) (mm)	30	35	48	68	75	85
Max square steel can be forged(mm)	25x25	30x30	40x40	52x52	60x60	65x65

Distance from bottom die surface to base(mm)		325	370	410	500	610	750
Machine required floor space (L x W) (mm)		790x550	850x500	1320x610	1265x1470	1435x1650	1430x1478
Machine height (above the ground) (mm)		950	980	1300	1390	1590	1853
Motor	Type	Y90L-4	Y100L-4	Y112M-6	Y132MI-6	Y132M2-6	Y160M-6
	Power (kw)	1.5	2.2	3	4	5.5	7.5
	Speed(r/min <sup>-1</sup> )	1400	1400	970	960	960	970
Machine weight (without steel base) (kg)		250	290	720	860	1300	2500

Pictures of hammers with steel bases







Hammers without steel bases.



Each hammers installed one pair standard flat dies, there are six type special dies for option, as following:



Fullering die



Large forming Die



Drawing die



Large dome convex die



Combination Fullering to flat die



Combination draw to flat die



*Our hammer being used at the CBA Spring Conference*