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### •Applications:

This pneumatic forging hammer is widely used for general Forging works, such as drawing-out, upsetting, punching, chiseling, forge, welding, bending and twisting. It is also used for forge in bolster dies.

### •Features:

- + Ready operation: economic and convenient
- + Easy to operate, by manipulating the hand lever or foot-pedal, all operating functions idle run, top setting, pressing down, single blow, light or full series blow can be obtained as desired.
- + A special oil-pump is provided for lubricating the cylinders. Prior to running, turn the hand-crank of the pump to get the cylinders being lubricated beforehand.

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Our forging dies use # 45steel (AISI1045). All dies are well machined and heat-treated. The hardness of the dies surface is RC40-45.If you prefer other material, we will produce the dies as per your requirement. We have complete machining equipments and manufacture ability. We can produce different shape, different material and different specification dies.

• Fullering die



• Large forming Die



• Drawing die



• Large dome convex die



• Combination Fullering to flat die



• Combination draw to flat die



## *Anvils swedges and tongs*



•The main technical parameter

Model		C41-15	C41-25	C41-40	C41-75B
Rated weight of the tup (kg)		15	25	40	75
Maximum blow energy (kj)		0.16	0.27	0.53	1
Diameter of the working cylinder (mm)		115	165	200	210
Diameter of the compressing cylinder (mm)		125	170	205	240
Number of blows per minute (min <sup>-1</sup> )		240	250	245	210
Distance between bottom die surface and guide undersurface (mm)		160	240	230	300
Distance between tup centre axis and frame front (mm)		145	200	235	280
Dimension of top die surface (L x W)(mm)		70x40	100x50	116x53	145x65
Dimension of bottom die surface (L x W)(mm)		70x40	100x50	116x53	145x65
Maximum round steel can be forged (Diameter)(mm)		35	45	68	85
Maximum square steel can be forged (mm)		30x30	40x40	52x52	65x65
Distance between bottom die surface and the ground (mm)		370	410	500	750
Machine floor space (L x W)(mm)		540x350	1320x610	1265x1470	1430x1478
Machine height (above the ground)(mm)		980	1450	1390	1853
Motor	Type	Y90L-4	Y112M-6	Y132MI-6	Y160M-6
	Rate power (kw)	1.5	2.2	4	7.5
	Speed(r/min <sup>-1</sup> )	1400	970	960	970
Total weight of the hammer (kg)		260	780	870	2500
Price USD - CIF delivery		2500	3500	4050	6300

## C41 series two piece pneumatic forging hammer



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### • Features:

- + Ready operation: economic and convenient
- + Easy to operate, by manipulating the hand lever or foot-pedal, all operating functions—Idle run, top setting, pressing down, single blow, light or full series blow can be obtained as desired.
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• The main technical parameter

Model		C41-40	C41-75	C41-150	C41-250	C41-400	C41-560	C41-750	C41-1000
Rated weight of the tup (kg)		40	75	150	250	400	560	750	1000
Maximum single hit energy (kj)		0.53	1.0	2.5	5.6	9.5	13.7	19	27
Hit number (min-1)		245	210	180	140	120	115	105	95
Tupaxis to frame front		235	280	350	420	520	550	750	770
Forges	Square (mm x mm)	52x52	75x75	130x130	145x145	220x220	270x270	270x270	290x290
	Round (mm)	Ø68	Ø85	Ø145	Ø175	Ø240	Ø280	Ø300	Ø320
Motor	Type	Y132M1-6	Y160M-6-B3	Y180M-4-B3	Y180L-4-B3	Y200L-4-B3	Y280S-6-B3	Y280M-6-B3	Y315S-6
	Power (kw)	4	7.5	18.5	22	30	45	55	75
Weight	Hammer (kg)	710	2300	3260	5000	8000	9800	17000	20000
	Anvil block (kg)	420	950	1500	2500	4800	6720	9000	14000
Outside Size		1400x	1400x	2390x	2639x	2785x	3464x	3905x	3770x
		600x	800x	1085x	1155x	1400x	1500x	1370x	1500x
		1500	1853	2150	2540	2884	3157	3175	4125
Price USD - CIF delivery		4050	6300	9500	14200	27000	32500	42000	53000