

FP-G

HIGH SPEED FORGING PRESSES



FEATURES

- The upward and downward material-topping design can reduce the inclination of mold cavity to minimize material consumption and save on materials.
- Strong start-up force ensures high production efficiency and the stroke specification of machine are different from tradition ones which facilitate processing of various forgings.
- The operation winds installed at both sides of the machine frame can facilitate the transmission of forgings and enable automatic pressing operation.
- The box-type machine frame features rigid structure that is ideal for warm or hot forging operations and turn out high-precision forgings. High production efficiency, simple operation, easy maintenance and low production cost.
- A special design to tackle mold-sticking conditions can make molds return to their normal state for easy operation.
- The accurate design promise great strength of inclination, allow heavy eccentric load and enables multi-forging operations to work out precision forgings.
- The grease lubricated system can reduce frictions among varied machined parts.
- Multiple safety-operation circuit system assures the safety of operations.
- FP-G is gear transmission type which is suitable for making longer parts and material vertical to forge such as alloy, aluminum parts. It is double geared driven which offers higher torque. press stroke speed (SPM) but FP type can't.

*This design is subject to change without notice.

ITEM \ MODEL	UNIT	FP-600G	FP-800G	FP-1000G	FP-1300G	FP-1600G	FP-2500G
Capacity	Tons	600	800	1000	1300	1600	2500
Stroke of ram	mm	250	250	250	280	300	350
Adjustment of ram	mm	10	10	10	10	10	10
Number of stroke	Spm	85	85	85	80	70	65
Work number of stroke	Spm	18	16	16	16	16	16
Shut height	mm	650	650	800	900	900 / 1100	1050
Rated tonnage point	mm	5	5	5	6	6	8
Ram dimension (L-R & F-B)	mm	690×730	800×790	940×850	1000×990	1080×1040	1490×1430
Table dimension (L-R & F-B)	mm	860×880	980×1000	1100×1050	1140×1140	1200×1200	1500×1500
Side window (L-R & F-B)	mm	500×600	600×600	700×650	750×700	900×750 / 900×950	1000×1100
Main motor	Kw×P	45kw×6p	55kw×6p	75kw×6p	90kw×6p	110kw×6p	160kw×6p
Ejector in the ram	Tons-mm	5Ton – 20mm	7.5Ton – 30mm	7.5Ton – 30mm	7.5Ton – 40mm	7.5Ton – 40mm	12Ton – 60mm
Ejector in the table	Tons-mm	10Ton – 40mm	10Ton – 40mm	24Ton – 40mm	24Ton – 40mm	24Ton – 60mm	30Ton – 100mm
Working number-distance	Number-mm	3-160	3-180	3-200	3-220	3 - 240	5 - 260
Press weight	Kg	45,000	55,000	77,000	95,000	130,000	220,000
Press Dimension (L×W×H)	mm	3460×3140×5183	3685×3345×5520	4124×3687×5935	4250×3810×6585	4345×4210×7725 4345×4210×7925	5367×4740×9030