



S U T H E R L A N D

SPECIFICATIONS AND DIMENSIONS

GEARED HOT FORGE PRESS

MODEL (Knuckle Joint Cold Forge)		FPG-600	FPG-800	FPG-1000	FPG-1300	FPG-1600	FPG-2500
TYPE (stroke and speed)		1	1	1	1	1	1
Capacity	Ton	600	800	1000	1300	1600	2500
Rated Tonnage Point A.B.D.C	mm	5	5	5	6	6	8
Drive Configuration	Gear	Double Geared	Double Geared	Double Geared	Double Geared	Double Geared	Double Geared
Stroke Length	mm	250	250	250	280	300	350
Strokes Per Minute	SPM	85	85	85	80	70	65
Single Stroke (SPM)	SPM	18	16	16	16	16	16
Die Height (S.D.A.U)	mm	650	650	700	750	800	800
Slide Adjustment	mm	10	10	10	10	10	10
Slide Area (lr x fb)	mm	690 x 730	800 x 790	940 x 850	1000 x 990	1080 x 1040	1200 x 1100
Ejector in Slide (optional)	Tons-mm	6 x 20	6 x 40	8 x 30	8 x 40	8 x 40	8 x 30
Bolster Area (lr x fb)	mm	880 x 880	980 x 1000	1100 x 1050	1140 x 1140	1200 x 1200	1500 x 1500
Ejector in Bolster	Tons	12 x 40	12 x 50	15 x 40	15 x 40	15 x 60	15 x 60
Bolster Thickness	mm	See Cad	See Cad	See Cad	See Cad	See Cad	See Cad
Floor to Bolster	mm	See Cad	See Cad	See Cad	See Cad	See Cad	See Cad
Side Window Opening	mm	500 x 600	600 x 600	700 x 650	750 x 700	900 x 750	1000 x 800
Height (overall)	mm	4700	5100	5400	6335	7500	8000
Length (lr)	mm	2500	2900	3000	4250	4300	4500
Depth (fb)	mm	3500	3800	4300	3810	4400	4600
Press Weight (net)	KG	44000	55000	75000	95000	130000	185000
Slide Adjusting Motor	Kw	0.4kw x 4P	0.75kw x 4P	0.75kw x 4P	1.5kw x 4P	1.5kw x 4P	1.5kw x 4P
Main Motor (VS)	Kw	55kw x 4P	55kw x 4P	75kw x 4P	90kw x 4P	110kw x 6P	110kw x 6P
Lubricating Motor	Kw	0.1kw x 4P	0.1kw x 4P	0.1kw x 4P	0.1kw x 4P	0.1kw x 4P	0.1kw x 4P
Ejector Hydraulic Motor	Kw	5.5kw x 6P	5.5kw x 6P	7.5kw x 6P	7.5kw x 6P	11kw x 6P	11kw x 6P
Power Requirements	Specify	220/380/440/480/580	220/380/440/480/580	220/380/440/480/580	220/380/440/480/580	220/380/440/480/580	220/380/440/480/580
Air Counter Balance	KG	See Cad	See Cad	See Cad	See Cad	See Cad	See Cad
Air Pressure Required	KG/cm2	5	5	5	5	5	5