



SUTHERLAND

SPECIFICATIONS AND DIMENSIONS

DOUBLE POINT PLUNGER GUIDED HIGH SPEED STRAIGHT SIDE

MODEL (Double Point High Speed)		HS2-66		HS2-110		HS2-165		HS2-220		HS2-275		HS2-330	
TYPE (stroke and speed)		1	2	1	2	1	2	1	2	1	2	1	2
Capacity U.S. Ton	Ton	66		110		165		220		275		330	
Rated Tonnage Point A.B.D.C	Inch	0.118		0.118		0.118		0.118		0.118		0.156	
Drive Configuration	Plunger	Plunger Guided		Plunger Guided		Plunger Guided		Plunger Guided		Plunger Guided		Plunger Guided	
Stroke Length	Inch	1	2	1.18	2.5	1.18	2.5	1.18	2.5	1.97		1.97	
Strokes Per Minute	SPM	250-300	150-200	200-250	150-200	200-250	150-200	200-250	100-150	120 ~ 180		100 ~ 150	
Die Height (S.D.A.U)	Inch	10.8	9.8	13	11.8	13	11.8	15	13.7	16.93		17.72	
Slide Adjustment	Inch	3.9		3.9		3.9		3.9		3.95		3.94	
Power Take Off Shaft	Inch(dia)	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Slide Area (lr x fb)	Inch	31.4 x 19.6		39.4 x 23.6		47.2 x 23.6		59.0 x 31.4		74.8 x 31.5		59.1 x 31.5	
Shank Knock Out Hole	Inch(dia)	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Bolster Area (lr x fb)	Inch	35.4 x 23.6		43.3 x 27.5		51.1 x 31.4		70.8 x 35.4		78.7 x 35.4		70.9 x 35.4	
Bolster Thickness	Inch	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Hole of Bed (lr x fb)	Inch	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Hole of Bolster (lr x fb)	Inch	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Floor to Bolster	Inch	31.40		33.50		33.50		35.40		35.40		35.40	
Side Window Opening	Inch	15.70		15.70		17.70		19.60		19.70		19.70	
Height (overall)	Inch	126		132		132		145		150		161	
Length (lr)	Inch	90		106		114		133		See Cad		145	
Depth (fb)	Inch	63		90		94		102		See Cad		102	
Press Weight (net)	LBS	See Cad		See Cad		See Cad		See Cad		See Cad		See Cad	
Slide Adjusting Motor	HP	1 HP		1 HP		1 HP		2 HP		2 HP		2 HP	
Main Motor (VS)	HP	15 HP		20 HP		30 HP		40 HP		50 HP		50 HP	
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	LBS	1100		1700		2200		2400		2400		3300	
Air Pressure Required	PSI	72		72		72		72		72		72	

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SS - HIGH SPEED

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SERIES HS2



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