

# DOUBLE CRANK LINK DRIVE PRECISION PRESSES *SL2 series* PROGRESSIVE COLD-FORGING PRESSES *SPF2 series*



## SL2 :

- High approach/return and low forming speed.
- Soft touch motion minimizes noise, vibration and heat generation, prolonging die life.
- Slower motion through working portion of stroke, speed starts slowing down at 45%, prolongs forming time to 75%.
- Low moment of inertia of wet clutch and brake create quick response and long working life.

## SPF2 :

- Patented 9-linkage mechanism maintains a unique 44° stoppage of slide at B.D.C. enabling precision cold forming e.g. coining & sizing processes.
- Improved knuckle driving mechanism that never moves to full perpendicular position and eliminates die sticking near B.D.C.
- Very rigid slide and bed creating very low deflection which is less than 0.00036"/ per foot.



Model	SL2-121		SL2-176		SL2-220		SL2-275		SL2-330	
	S	H	S	H	S	H	S	H	S	H
Capacity	US Tons 121		176		220		275		330	
Stroke Length	in 7.09	4.33	7.87	5.12	9.06	5.91	9.84	7.09	11.02	7.09
Stroke per Minute	SPM 35-65	50-90	30-55	40-85	25-45	30-70	22-40	30-55	20-35	30-45
Tonnage Rating Point	in 0.20		0.24		0.28		0.28		0.28	
Die Height	in 15.75	13.78	17.72	15.75	19.69	17.72	21.65	17.72	21.65	17.72
Slide Adjustment	in 3.54		3.94		4.33		4.72		4.72	
Slide Area	in 56.30 x 20.47		61.42 x 22.83		72.83 x 25.59		82.68 x 27.56		82.68 x 31.50	
Bolster Area	in 74.02 x 26.77		80.31 x 29.92		95.28 x 33.07		106.30 x 36.22		106.3 x 37.01	

Model	SPF2-220		SPF2-330		SPF2-440			
Capacity	US Tons 220		330		440			
Stroke Length	in 4.72		4.72		4.72			
Strokes per Minute	SPM 40-100		40-85		30-70			
Tonnage Rating Point	in 0.20		0.26		0.26			
Die Height	in 17.72		19.68		19.68			
Slide Adjustment	in 1.96		1.96		1.96			
Slide Area	in	1	47.24 x 23.62		59.06 x 27.56		59.06 x 31.49	
		2	59.06 x 23.62		70.86 x 27.56		70.86 x 31.49	
		3	-		-		82.68 x 31.49	
Bolster Area	in	1	47.24 x 31.49		59.06 x 35.43		59.06 x 39.37	
		2	59.06 x 31.49		70.86 x 35.43		70.86 x 39.37	
		3	-		-		82.68 x 39.37	
Window Opening	in	27.56 x 15.75		31.49 x 15.75		35.43 x 15.75		