



SUTHERLAND PRESSES & FEEDS
MAIN SPECIFICATIONS AND DIMENSIONS

CRS
 Double Crank Straight Side Press

CRL Series is **LINK MOTION** (optional)

MODEL CRS	TYPE (stroke and speed)	CRS-176		CRS-220		CRS-275		CRS-330		
		1	2	1	2	1	2			
Capacity U.S. Ton	Ton	176		220		275		330		
Rated Tonnage Point	ABDC	0.24	0.24	0.28	0.28	0.28	0.28	0.28		
Drive Configuration	Geared	Counter Rotating		Counter Rotating		Counter Rotating		Counter Rotating		
Stroke Length	Inch	5.12	7.8	5.91	9	6.69	9.8	6	9.8	
Strokes Per Minute	SPM	40-85	30-50	35-70	25-45	25-55	22-40	30-60	22-40	
Die Height (SDAU)	Inch	15.75	17.7	17.72	19.7	17.72	21.6	17.72	21.6	
Bolster Area (LRx FB)	Inch	70.9 x 29.9		84.7 x 33.1		94.5 x 36.2		102 x 39.4		
Bolster Thickness	Inch	6.3		7.09		7.87		7.87		
Slide Area (LRx FB)	Inch	59.1 x 22.8		72.8 x 25.6		82.7 x 27.6		90.6 x 31.5		
Shank Hole (DIA)	Inch									
Slide Adjustment	Inch	3.54		3.94		4.72		4.72		
Slide Adjusting Motor HPxP	Inch	2HPX6P		2HPX6P		2HPX6P		2HPX6P		
Side Window Opening	Inch	27.60		33.50		34.70		36.20		
Floor to Bolster	Inch	35.43		39.37		43.31		43.31		
Height	Inch	126.77		144.88		153.54		158.66		
Width	Inch	99.2		108		118		127		
Length	Inch	94.5		102		110		114		
Main Motor	HP	20		25		30		40		
Air Counter Balance Max Capacity	LBS	6330		7480		8554		9116		
Press Weight	LBS	54,000		61,150		71,150		80,000		
Air Pressure Required	PSI	80		80		80		80		
Start Up Assistance	SPS	Included		Included		Included		Included		
JIS 1st Class Tolerances		Standard		Standard		Standard		Standard		
Link Motion	N/A	N/A		N/A		N/A		N/A		
Vogel Automatic Grease Lube	Vogel	Standard		Standard		Standard		Standard		
Hydraulic Overload	Kosmek	Standard		Standard		Standard		Standard		
JIC T-Slot Pattern	JIC 6"	Standard		Standard		Standard		Standard		
Dual EP Clutch Valve	Ross	Ross Valve		Ross Valve		Ross Valve		Ross Valve		
Flywheel Brake	Standard	Standard		Standard		Standard		Standard		
Clutch and Brake	Ortlinghaus	Ortlinghaus		Ortlinghaus		Ortlinghaus		Ortlinghaus		
PRESS CONTROLS										
T1- Honeywell MECH-PAC-1	Control	N/A		N/A		N/A		N/A		
T1 - Mech Pac Digial Cam	4 Cam	N/A		N/A		N/A		N/A		
T2 - Honeywell SMART PAC-2	Control	Standard		Standard		Standard		Standard		
T2 - S Pac-2 Cam	8 Cam	Programmable		Programmable		Programmable		Programmable		
T3 - Honeywell Rolling Console	Option	Optional		Optional		Optional		Optional		



Ortlinghaus 406 Clutch & Brake, Ross air Valve, SMC Regulators, Wintriss-Sutherland Smart Pac II Press Control

