



SUTHERLAND PRESSES & FEEDS
MAIN SPECIFICATIONS AND DIMENSIONS

CBL
 Cross Bar Link Press

MODEL CBL		CBL - 275	CBL- 440	CBL - 550	CBL - 660	CBL - 880	CBL - 1000
Capacity U.S. Ton	Ton	275	440	550	660	880	1000
Rated Tonnage Point	ABDC	0.37	0.37	0.37	0.5	0.5	0.5
Drive Configuration	Geared	Link Knuckle	Link Knuckle	Link Knuckle	Link Knuckle	Link Knuckle	Link Knuckle
Link Slow Down @ BDC	Link	with Dwell	with Dwell	with Dwell	with Dwell	with Dwell	with Dwell
Stroke Length	Inch	4"- 8"	4"- 8"	4"- 8"	4"- 8"	4"- 8"	4"- 8"
Strokes Per Minute	SPM	40-100	40-80	40-80	40-80	30-60	30-60
Die Height (SDAU)	Inch	21.7"	30"	30"	32"	36"	36"
Slide Adjustment	Inch	4"	4"	4"	4"	4"	4"
Slide Area (LRxFB)	Inch	60" x 30"	72" x 36"	72" x 36"	84" x 48"	84" x 48"	84" x 48"
	Inch	72" x 36"	84" x 48"	84" x 48"	96" x 48"	96" x 48"	96" x 48"
	Inch		96" x 48"	96" x 48"	120" x 48"	120" x 48"	120" x 48"
Shank Hole (DIA)	Inch						
Bolster Area (LRxFB)	Inch	60" x 30"	72" x 36"	72" x 36"	84" x 48"	84" x 48"	84" x 48"
	Inch	72" x 36"	84" x 48"	84" x 48"	96" x 48"	96" x 48"	96" x 48"
	Inch		96" x 48"	96" x 48"	120" x 48"	120" x 48"	120" x 48"
Bolster Thickness	Inch	8"	10"	10"	11.8"	11.8"	11.8"
Floor to Bolster	Inch	36"	36"	36"	36"	36"	36"
Side Window Opening	Inch	24"	24"	24"	28"	28"	28"
Height (overall)	Inch	TBD	TBD	TBD	TBD	TBD	TBD
Width (lr)	Inch	TBD	TBD	TBD	TBD	TBD	TBD
Depth (fb)	Inch	TBD	TBD	TBD	TBD	TBD	TBD
Press Weight (net)	LBS	TBD	TBD	TBD	TBD	TBD	TBD
Slide Adjusting Motor HP	HP	2HP	5HP	5HP	5HP	7.5HP	7.5HP
Main Motor (eddy current -VS)	HP	30HP	75HP	100HP	125HP	150HP	175HP
Power Requirements	220/480	Dual	Dual	Dual	Dual	Dual	Dual
Air Counter Balance Max Capacity	LBS	8000	8000	8000	10000	10000	10000
Air Pressure Required	PSI	80	80	80	80	80	80
Start Up Assistance	SPS	Included	Included	Included	Included	Included	Included
JIS 1st Class Tolerances	JIS	Jis 1st Class	Jis 1st Class	Jis 1st Class	Jis 1st Class	Jis 1st Class	Jis 1st Class
Hydraulic Overload	King Air	Standard	Standard	Standard	Standard	Standard	Standard
Lubriquip Automatic Oil	Lubriquip	Standard	Standard	Standard	Standard	Standard	Standard
JIC T-Slot Pattern	Yes	6" Centers	6" Centers	6" Centers	6" Centers	6" Centers	6" Centers
Dual ED Clutch Valve	Ross	Ross Valve	Ross Valve	Ross Valve	Ross Valve	Ross Valve	Ross Valve
Flywheel Brake	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Clutch and Brake (406-Ring Fetter)	Ortlinghaus	Ortlinghaus	Ortlinghaus	Ortlinghaus	Ortlinghaus	Ortlinghaus	Ortlinghaus
PRESS CONTROLS							
T2 - Honeywell SMART PAC-2	Control	Standard	Standard	Standard	Standard	Standard	Standard
T2 - S Pac-2 Cam	8 Cam	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
T3 - Honeywell Rolling Console	Option	Standard	Standard	Standard	Standard	Standard	Standard

