

# DSF-C1-A SPECIFICATIONS

## DSF-C1-A (SINGLE-POINT, GAP FRAME DIRECT DRIVE SERVO PRESS)

Press Technical Data	Unit	DSF-C1-800A			DSF-C1-1100A			DSF-C1-1500A			DSF-C1-2000A			DSF-C1-2500A		
Tonnage Capacity	kN	800			1100			1500			2000			2500		
	U.S. ton	88			121			165			220			275		
Tonnage Rating Point	mm	5.0			5.0			5.5			6.0			6.5		
	in.	0.2			0.2			0.2			0.2			0.3		
Working Energy	J	4000			4600			7900			13100			24000		
	in-U.S. Ton	18			20			35			58			106		
Full Stroke Length	mm	160			180			200			250			300		
	in.	6.3			7.1			7.9			9.8			11.8		
SPM @ Full Stroke <small>(no load)</small>	spm	1 - 80			1 - 70			1 - 60			1 - 50			1 - 40		
Stroke Length, Fully Adjustable (See AIDA for further examples)	mm	60	100	130	70	110	150	80	120	160	110	160	200	120	180	240
	in.	2.4	3.9	5.1	2.8	4.3	5.9	3.1	4.7	6.3	4.3	6.3	7.9	4.7	7.1	9.4
SPM @ Stroke Length Above <small>(no load)</small>	spm	126	101	86	121	97	79	112	91	74	86	70	60	77	62	51
Die Height (SDAU)	mm	320			350			400			450			540		
	in.	12.598			13.779			15.748			17.716			21.260		
Slide Adjustment	mm	80			90			100			110			120		
	in.	3.1			3.5			3.9			4.3			4.7		
Max Upper Die Weight	kg	273			385			484			1000			1300		
	lb.	602			849			1067			2205			2866		
Slide Area (LR x FB)	mm	540 x 460			630 x 520			700 x 580			880 x 650			1100 x 730		
	in.	21.3 x 18.1			24.8 x 20.5			27.6 x 22.8			34.6 x 25.6			43.3 x 28.7		
Bolster Area (LR x FB)	mm	810 x 600			940 x 680			1050 x 760			1240 x 840			1610 x 900		
	in.	31.9 x 23.6			37.0 x 26.8			41.3 x 29.9			48.8 x 33.1			63.4 x 35.4		
Bolster Thickness	mm	140			155			165			180			180		
	in.	5.5			6.1			6.5			7.1			7.1		
Bed Opening Dimension (LR x FB)	mm	624 x 280			666 x 320			736 x 360			906 x 460			1220 x 480		
	in.	24.6 x 11.0			26.2 x 12.6			29.0 x 14.2			35.7 x 18.1			48.0 x 18.9		
Inside Frame Dimension	mm	510			550			620			800			1115		
	in.	20.1			21.7			24.4			31.5			43.9		
Throat Depth	mm	310			350			390			430			470		
	in.	12.2			13.8			15.4			16.9			18.5		
Main Motor Capacity	kW	38			40			55			120			120		
	HP	50			55			75			160			160		
Power Supply Capacity	kVA	16			16			22			32			37		
Required Air Pressure	MPa	0.5			0.5			0.5			0.5			0.5		
	psi	73			73			73			73			73		
Press Foot to Top of Bolster <small>(without mounts)</small>	mm	900			900			900			1000			1100		
	in.	35.4			35.4			35.4			39.4			43.3		
Overall Dimension (LR x FB)	mm	1500 x 2517			1636 x 2742			1746 x 3037			1936 x 3292			2300 x 3482		
	in.	59 x 99			64 x 108			69 x 120			76 x 130			91 x 137		
Approx. Overall Height <small>(without mounts)</small>	mm	2730			2960			3185			3700			4400		
	in.	108			117			125			146			173		



**AIDA**  
America

### AIDA-America Corporation

7660 Center Point 70 Blvd., Dayton, OH U.S.A. 45424

Office: (937) 237-2382    Service: (937) 235-3599

info@aida-america.com    www.aida-america.com

