

# 100 Series Servo Press Specifications

The 100 Series servo press has a 100 mm (3.94 inch) stroke and is available in 500 N (112 lb), 1.0 kN (225 lb), and 2.0 kN (450 lb) capacities.

This press is perfect for precise low force applications such as precision mechanism assembly, electronic connector insertion, and medical device assembly.

At 90 kg it's light enough to be placed on a bench.

100 Series Servo Press Specifications				
Model		DS05	DS10	DS20
Force	Press Force Capacity	0.5 kN (112lb)	1.0 kN (225 lb)	2.0 kN (450 lb)
	Press Force Range	50 N – 0.5 kN (11.2-112 lb)	100 N – 1 kN (22.5-225 lb)	200 N – 2 kN (45-450 lb)
	Force Resolution	0.05N (0.011 lb)	0.1N (0.022 lb)	0.2N (0.045 lb)
Stroke	Stroke	100 mm (3.94")		
	Resolution	0.001 mm (0.00004")		
	Repeatability	±0.005 mm (±0.0002")		
	Speed Rapid	200 mm/s (7.87 in/s)		
	Speed Pressing Max	35 mm/s (1.37 in/s)		
Dwell	Dwell Time Maximum	99 sec		
	Dwell Time Increment	0.01 sec		
Dimensions	Daylight	165 mm (6.49")		
	Throat	112 mm (4.41")		
	Height	710 mm (28")		
	Width	610 mm (24")		
	Depth	435 mm (17.2")		
	Table Width	202 mm (7.95")		
	Table Depth	202 mm (7.95")		
	Table Height	120 mm (4.72")		
	Tool Diameter	12 mm (0.472")		
	Weight	90 kg (198 lb)		
Electrical	Voltage	230 VAC Single Phase		
	Power	900 VA		



100 Series Servo Press Shown with Optional Equipment

