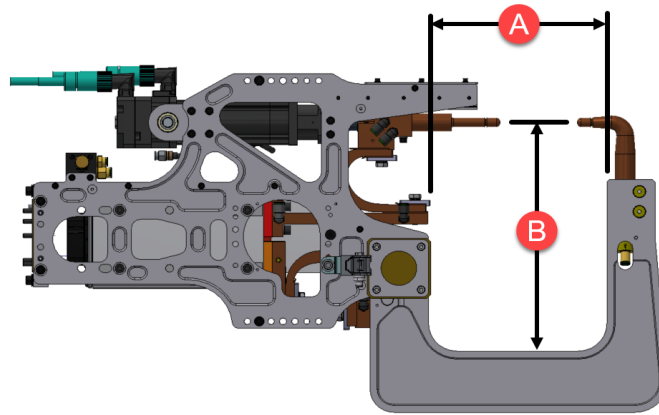




FlexGun™ Ultra and Ultra HC



FlexGun™ Ultra C and Ultra HC C Maximum Tip Force Rating Vs. Throat

Throat Height "A" [mm]	Throat Depth "B" [mm]	10 mm Pitch Servo Actuator ¹		5 mm Pitch Servo Actuator ¹	
		Max. Weld Force [kN]	Max. Weld Force [lbf]	Max. Weld Force [kN]	Max. Weld Force [lbf]
200	165	6.7	1495	8.9	2000
	250	6.7	1495	8.9	2000
	300	6.7	1495	8.9	2000
	400	6.7	1495	8.9	2000
250	165	6.7	1495	8.9	2000
	250	6.7	1495	8.9	2000
	300	6.7	1495	8.9	2000
	400	6.7	1495	8.9	2000
300	165	6.7	1495	8.9	2000
	250	6.7	1495	8.9	2000
	300	6.7	1495	8.9	2000
	400	6.7	1495	8.9	2000
400	165	6.7	1495	8.9	2000
	250	6.7	1495	8.9	2000
	300	6.7	1495	8.9	2000
	400	6.7	1495	8.9	2000

¹Weld actuator has built in water cooling.

All weld force ratings are subject to change depending on arm, electrode and cap requirements for specific applications.

8.9 kN [2000 lbf] limit is based on typical standard cap geometries, electrode lengths and library arm designs. Higher forces may be possible with special engineering considerations.

The Ultra C gun style is optimized for a 10 mm pitch actuator.