



Energy storage stud welding gun adjustment

What size stud welding gun do I Need?

Welds any length stud with a diameter range of 12 gauge through 5/8 inches. Refer to figure 4-1 for weight and size specifications. There is very little to do when unpacking your ARC Stud Welding gun. Your Stud Welder comes complete with all the accessories and tool required for set-up, adjustment, and maintenance.

What is a Nelson arc stud welding gun?

Nelson's arc stud welding guns are designed specifically to weld studs 5/8" diameter and larger. 3/8" diameter legs resist flexing with longer length studs. Ergonomic shape and balance reduces operator fatigue. Stainless steel legs with milled flats resist galling from leg screws and allows free movement of leg assembly during plunge adjustment.

How do you measure lift on a stud welding unit?

The lift is the distance the stud is raised from the work surface when the gun solenoid is energized. To measure the lift, turn the stud welding unit on and set the timer to maximum time. Trigger the gun and observe the lift cycle. Measuring the distance the stud or gun mechanism moves equals lift.

What does an arc stud welder come with?

Your Stud Welder comes complete with all the accessories and tool required for set-up, adjustment, and maintenance. Aside from the correct chuck, ferrule grip, and any special accessories required for your application your ARC weld gun is ready for hook-up to a Pro Weld power source.

How to adjust stud lift?

Lift has to be set for every change in stud diameter, stud length or plunge length. Improper lift will cause unsatisfactory welds. To adjust the lift the stud has to be installed in the chuck on the gun with the plunge setting first adjusted. Also the gun must be in the weld position, the spark shield pressed firmly against an insulated surface.

Can arc weld gun hook up to a pro Weld power source?

Aside from the correct chuck, ferrule grip, and any special accessories required for your application your ARC weld gun is ready for hook-up to a Pro Weld power source. Note: Chuck and ferrule grip are not standard and must be ordered separately.



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