

CORRUGATED PLASTIC WELDERS

***iQ* Corrugated Plastic Welders**

Dukane's *iQ* family of integrated corrugated plastic welders provides a fast and simple way to weld, stake, insert, swage, or spot weld a wide range of applications including boxes, crates, lamp shades, rope splices, and tube closures. Its unique design allows the horn travel and throat depths necessary to assemble a variety of parts in many sizes.



SPECIFICATIONS

- Usable weld throat depths from 10–42" (254–1067mm) are standard
- 6' (1,829mm) tall, ground steel, chrome-plated column minimizes flex. Column is the same 3.5" (89mm) diameter as the standard Dukane press column for easy interchangeability.
- Generator mounted next to press for convenient operator viewing and setup (Optional below-the-base generator mounting available.)
- Strong, welded steel extension arm with universal fixture pad
- Standard fixture mounting plate has a circular hole pattern to accommodate a variety of fixtures for welding, multipoint spot welding, swaging, sealing, or inserting
- Weld by Time, Distance, Energy and Power available
- 500 lb. or 700 lb. weld forces available
- Speed control for staking available
- Clear, polycarbonate guarding surrounds the welding horn, allowing unobstructed viewing while keeping an operator's fingers from the weld area
- Cast iron bottom flange provides a solid column mounting and adds stability to prevent tipping
- Standard aluminum wide-stance plate features an integral cutout where an operator can comfortably load/unload assemblies
- Standard 6" (152mm) high mounting feet permit forklift access and leveling for uneven floors
- Dual footswitch for operate and emergency stop (footswitch must be used with included horn guarding to prevent injury)
- Optional soft-wheel casters available for applications requiring mobility (NOTE: shown with optional casters in photograph above.)

SPECIFICATIONS

PNEUMATIC REQUIREMENTS

- 80 psi of clean, dry air
- 1/4" NPT air line connection to the press

POWER REQUIREMENTS

- 120/240 V, 15 amp, 50/60 Hz, depending on the generator option
- Proper grounding is required

MECHANICAL SPECIFICATIONS

- Height: 85" (2,159mm) MAX.
- Width: 30" (762mm)
- Depth: 48" (1,219mm)
- Useable Throat: 10–42" (254–1067mm)
- Weight: 700 lbs (318 Kg)

