

# ARC TYPE STUD SYSTEM & ACCESSORIES

## Burco 1002ELOTOP Drawn Arc & Short Cycle Stud Welder



### SELF DIAGNOSTIC MICRO PROCESSOR



- State-of-the-art with fully controlled thyristor bridge; solid state current switching and timing
- Microcomputer controlled
- Eliminates separate controller packages
- Versatile with plenty of reserve power--cable lengths can be to extended over 100 ft.
- Harmonized static and dynamic properties provide excellent and consistent welding results
- Process variations:
  1. Stud welding with ceramic ferrule
  2. Short-cycle stud welding without ceramic ferrule. Requires Inert gas stud welding (optional)
- Compact size and easily moved on rubber wheels
- Self diagnosis (fault) circuits
- Safety switch off circuit
- One year warranty

Maximum output	1100 AMP
Input voltage (50/60 Hz 3-P)	208/230/400/460
RMS Input Current @ Rating	126/61 amps
RMS Input Current Average	33/16
Recommended input fuse	60 / 30 amps
Weldable stud range	3/32 to 1/2" (5/8") max.
Output current range	100-1000 amps
Stepless time adjustment	10-1200 MS
Dimensions	23.6"-L, 12.8"-D, 14.5"-H
Weight	190 lbs. (87 kg)

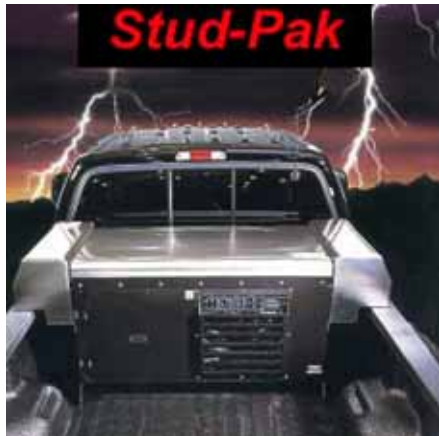
\*Ferrule Grips & Chuck not included

### BURCO 1002E \*Complete Stud Welding Package Part # 55F05 Call for Price

**Includes:**  
Power control unit  
Part # 55F00 Call for price  
K-22 Stud Gun w/16' Cable Leads, Clamps  
Part # 42K22 (See below)

### Optional Accessories:

Inert gas control kit  
Part # 41F68 \$995.75 (required for short-cycle & Aluminum Arc)  
Extension gun cable assembly, 25'  
Part # 50F07 \$395.00  
Extension gun cable assembly, 50'  
Part # 50F08 \$865.00  
Extension gun cable assembly, 100'  
Part # 50F09 \$1,150.00



## The Burco Stud-Pak

It's new, and it's revolutionary!

The world's first fully self-contained engine driven stud welder !!!

- Eliminates expensive / heavy 250kw stud welder combinations.
- Self-contained / totally secure; lockable.
- Fits in the bed of most pickups.
- Able to weld shear connectors up to 7/8 inch.
- Field portable / with lifting eyes
- Multi-process (CC/CV capable) for Stud, Stick, and MIG welding.
- Generator provides 120 / 220 single and three-phase power.
- Available in two engine models: gas and diesel power.

## Call For Information



## STUD GUNS ARC TYPE

A variety of other guns available...contact us for details

### SPECIFICATIONS

#### K-22

- Weldable Stud Range 1/8"-1/2"
- Lifting Coil Power 65 v dc
- Standard Cable Length 16 ft. (5m)
- Plastic Coated Aluminum Body
- Basic Length 8.6" (220 mm)
- Basic Weight 3.2 lbs. (1.6 kg)

#### K-22D

- Weldable Stud Range 1/2" - 3/4"
- Lifting Coil Power 65 v dc
- Standard Cable Length 16 ft. (5m)
- Plastic Coated Aluminum Body
- Basic Length 10" (255mm)
- Basic Weight 3.6 lbs. (1.8kg)

#### K-24

- Weldable Stud Range 1/2" - 1.25"
- Lifting Coil Power 65 v dc
- Standard Cable Length 6 ft. (1.8m)
- Glass-reinforced polyamide body
- Basic Length 10" (255mm)
- Basic Weight 4.4 lbs. (2kg)

### BURCO STUD WELDING GUNS

- lightweight and well balanced
- rugged construction
- reproducible lift settings
- uses threaded chucks. Quick change universal morse-taper adapters available
- models 22D and 24 have hydraulic plunge dampeners
- international weld cable connectors

*GUNS	PART #	PRICE EA
K-22	42K22	\$1,895.00
K-22D	42K22D	\$2,225.00
K-24	42K24	\$2,495.00

\*Ferrule Grips & Chuck not included



Don't forget to order Ferrule Grips & Chucks specific for the size of stud to be welded. See Arc Stud Gun Consumables page.