

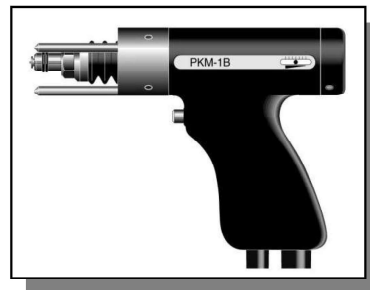
## Cutlass Fasteners

83 Vermont Ave., Unit 6, Warwick, RI 02888  
Tel: (401) 732-6333 Fax: (401) 732-6336  
cutlass-studwelding.com

### Stud Welding...

- Fasteners
- Equipment
- Service

## CLIPPER+ STUD WELDING SYSTEM



The new range of Cutlass **Clipper+ stud welders**...our full-featured high performance Capacitor Discharge stud welding systems are now available for immediate delivery. They are powerful and reliable and are now smaller and lighter than previous systems. Electronically clocked inverter charging boards ensure very short charging times and thus quick welding sequences as well as energy-efficient charging of capacitors. If you are an existing user about to upgrade, or are considering using CD weld products for the first time, talk to the experts at Cutlass Fasteners...we can provide the technical support and advice you need to convert your ideas into dollars!!

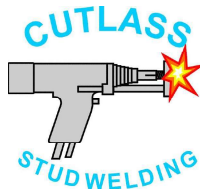
### *Standard features include:*

- ◆ **Clipper+** controller.
- ◆ PKM-1B Precision CD weld gun and cable set.
- ◆ Ground cable and clamp assembly.
- ◆ Stepless, solid state power control.
- ◆ Digital voltage display.
- ◆ Circuit breaker protected.
- ◆ LED weld/diagnostic indicator lights.
- ◆ Rapid recharge.
- ◆ Safety shutdown circuit.
- ◆ Accepts tapered, quick change weld chucks or B style collets.
- ◆ Operation, parts and maintenance manual.
- ◆ Accessory kit to include leg, footpiece, allen keys and weld chucks.

*....As you can see the Clipper+ System comes to you ready to perform, complete with the accessories for immediate welding....just plug it into any 115 volt (or 230V upon request) supply and away you go.*

[www.cutlass-studwelding.com](http://www.cutlass-studwelding.com)

email: [sales@cutlass-studwelding.com](mailto:sales@cutlass-studwelding.com)



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## CUTLASS *CLIPPER+* CD STUD WELDING SYSTEM

### TECHNICAL DATA

#### Clipper+

Stud Capacity (steel)	:	#3 to 3/8"
Stud Capacity (aluminum)	:	#3 to 5/16"
Weld Rate	:	40 studs/minute
Weld Mode	:	Contact or Gap
Charge Range	:	60 to 200 VDC
Controller Size	:	10.5H x 11W x 16D
Controller Weight	:	44 lbs. (19 kgs.)
Weld Gun	:	PKM-1B or PKM-1A
Weld/Control Cable Length	:	16 ft. (5 mtrs.)
Ground Cable Length	:	16 ft. (5 mtrs.)
Gun & Cable Weight	:	7 lbs. (3.2 kgs.)
Power Supply (all models)	:	115/240 Volt, 20/10 Amp, 50/60 Hz.

Cutlass Fasteners have been making Capacitor Discharge (CD) stud welding systems for over 20 years. We strive to produce the best CD welders, and with our commitment to continuous research and development in the stud welding field we are now able to offer our most versatile line of CD welders to date....**all the *Clipper+*s are smaller, lighter and more efficient** than earlier models.

The ***Clipper+*** comes complete with the ***PKM-1B*** Contact weld gun....the most versatile CD gun offered by Cutlass. The ***PKM-1B*** weld gun is small and light, but strong and ergonomically designed. A number of faceplate options are available allowing the gun to be set up to provide simple but accurate stud location and consistent weld results. Adjustable spring pressure allows fine adjustment for plated, non-ferrous or scale covered workpieces. The gun accepts either the quick change, standard adjustable weld chucks or (with optional adaptor) the "B" style collets.

All the advantages of CD welding are available with the Cutlass ***Clipper+***: ♦ No reverse side marking or heat deformation even on thin gauge material. ♦ Up to 12 in place studs per minute...one man...one gun (dependent on application and dexterity of operator). ♦ Faster and cleaner than drilling and tapping. ♦ Leak proof...no holes to drill or punch...or seal. ♦ Vibration proof...will not shake or vibrate loose. ♦ Weld studs to Carbon steel, Stainless steel, Aluminum, and more. ♦ Full cross sectional weld across head of fastener...weld is stronger than base material or fastener. ♦ Compact, portable equipment...runs off 120 volt supply - through to static, high volume, production machines.

### STUD WELDING is our BUSINESS.

We manufacture and stock over **15 million** weld studs and distribute a complete range of CAPACITOR DISCHARGE, SHORT CYCLE and DRAWN ARC stud welding products.

For additional information call Cutlass toll free on **1-800-536-6333**

Cutlass reserve the right to improve designs and/or change technical specifications without prior notice.

www.cutlass-studwelding.com

email: sales@cutlass-studwelding.com