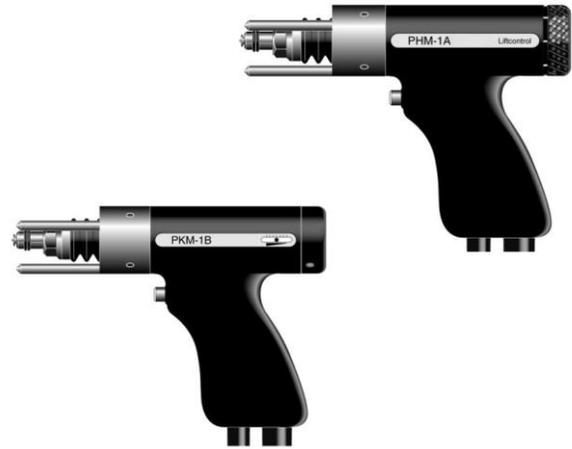


Cutlass “**SignUS**” and “**Classic+**”

Capacitor Discharge Stud Welding Systems

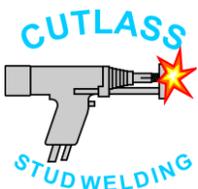


The Cutlass **SignUS** is the latest addition to the diverse range of Cutlass Capacitor Discharge Stud Welding Systems. The **SignUS** was designed primarily for the Aluminum Sign fabrication industry. It's ability to weld in the *GAP* Mode with the standard **PHM-1A** weld gun ensures consistent stud welds on Aluminum and minimizes reverse side marking on the thinnest of mild steel and stainless steel materials. The Cutlass **Classic+**, complete with the new **PKM-1B** Contact weld gun, with adjustable spring pressure, ensures optimum welds on scale or galvanized workpieces. The convenient size and light weight of both systems make them ideal for on site repair use or in the fabrication shop where one stud welder may be required in several work areas.

Standard features include:

- * **SignUS** or **Classic+** Controller
- * PHM-1A Gap or PKM-1B Contact weld gun
- * Stepless solid state power control
- * Twin ground cable and clamps
- * LED weld/diagnostic Indicator lights
- * Dual operating voltage 120V/240V
- * Rapid Recharge
- * Thermal protection and safety shutdown circuits
- * Gun accepts B Collets or standard weld Chucks
- * Operation, Parts and Maintenance Manual
- * Accessory kit to include leg, footpiece, allen keys, jig locating bush and weld Collets.

....As you can see both systems come ready to perform, complete with the accessories for immediate welding....just plug into your power supply and away you go.



Cutlass Fasteners, Inc. 83 Vermont Ave., Unit 6, Warwick, RI 02888

www.cutlass-studwelding.com tel: (401) 732-6333 fax: (401) 732-6336

Cutlass “**SignUS**” and “**Classic+**”

Capacitor Discharge Stud Welding Systems

TECHNICAL DATA

	SIGNUS p/n LBS-075G	CLASSIC+ p/n LBS-075
Stud CapacityAluminum	1/4 (6mm)	3/16 (5mm)
....Steel / Stainless	5/16 (8mm)	5/16 (8mm)
Weld Mode	GAP	CONTACT
Weld Gun	PHM-1A	PKM-1B
Weld/Control Cable	10 ft.(3 mtrs.)	16ft.(5 mtrs.)
Ground Cable (Twin)	10 ft.(3 mtrs.)	16ft.(5 mtrs.)
Charge Range	40VDC-200VDC	40VDC-200VDC
Weld Rate	12 studs minute	12 studs minute
Controller Weight	28 lbs. (13kgs.)	28 lbs. (13kgs.)
Controller Size	10”H x 6.5”W x 15”D	10”H x 6.5”W x 15”D
Power Requirements	120/240 Volt, 6/3 Amp	120/240 Volt, 6/3 Amp
Total Shipping Weight	42 lbs.	44 lbs.

Cutlass Fasteners have been making Capacitor Discharge (CD) stud welding systems for over 25 years. We strive to produce the **most reliable** and **best value** CD welders. 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.

The PHM-1A Gap weld gun and the PKM-1B Contact weld gun are the most versatile CD guns offered by Cutlass. The weld guns are smaller and lighter, but strong and ergonomically designed. A number of faceplate options are available allowing them to be set up to provide simple but accurate stud location and consistent weld results. Both guns accept either the “B” style collets or (with optional adaptor) the quick change, standard adjustable weld chucks.

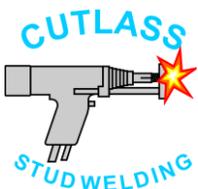
All the advantages of CD welding are available with the Cutlass **SignUS** and **Classic+**: ♦ No reverse side marking or heat deformation even on thin gauge material. ♦ Up to 12 in place studs per minute...one man...one gun (dependent on application and dexterity of operator). ♦ Faster and cleaner than 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 **8 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.



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