

KYOKUTOH TIP DRESSING EQUIPMENT

One of the World's largest tip dressing manufacturers, Kyokutoh has the widest and most professional range available. Very short dress times, long lasting strong cutters and back up from PW add to user satisfaction.

Blades and cutter bodies are substantially lower cost than many European suppliers.

Type A

All the auto dressers have a floating operation, designed to transfer minimum stress to the weld gun and robot. Both tips are dressed simultaneously.



Type B

Tip dresser and changer. Includes sensors for confirmation of tip position, this has an optional tip cartridge making re-loading simple and quick. When the cartridge is emptied, a sensor will inform the control system.



Type D

A high speed, high torque system, designed to give the shortest possible dressing times. Will dress a cap from 8mm dia spot to 6mm in 1 second.



Type CDM

This unit has a 3-phase motor with multi voltage capabilities. The LED indicator gives visual display of cutter rotation and monitors Cutter life with a tip dress time and count indicator, allowing Simple scheduling of cutter replacement. Any abnormal motor current is also indicated.



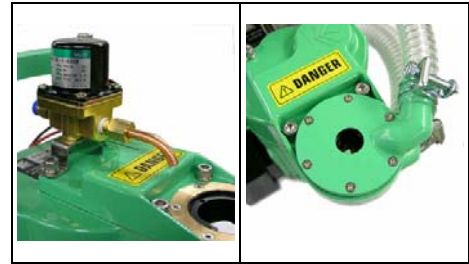
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Accessories

- Air blow unit.
- Swarf vacuum unit.
- Eccentric tip guide – for dressing caps with offset spot.
- Surface condition monitoring
- Rotation sensor



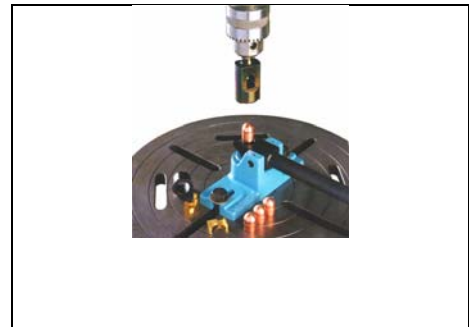
Floor mount stand

Often supplied in this form for use in robot cells, the dressing unit is mounted on a sturdy steel post, on which the control box, and if fitted, the swarf tray, are mounted.



Off line dressing - manual

The simplest and quickest way to dress electrodes is off the welder. This manual tool clamps to the base of a pillar drill and allows quick and easy re-dressing of caps to the required shape.



Off line dressing - automatic

The fastest way of dressing high cap volumes is with automatic equipment.

Kyokutoh, with their many years of experience, have developed a standard machine for this purpose.

Up to 500 caps at a time are placed in a blow feed unit and fed automatically to the dressing station.

Caps which are too short are rejected.

Cutter life is normally around 10,000 dressing operations.

