

# SBU 1500

Version 29092017

## Small Bench Unit - 1500 Amps

The SBU 1500 is a bespoke small bench unit for performing MPI. The SBU 1500 includes AC current flow energising modes as standard with optional HWDC and FWDC current flow and magnet flow (FWDC) modes available. Typically the SBU 1500 sits on a work bench and is small enough to be moved around if necessary using the side mounted handles - Although this unit can be free standing if required. A choice of control systems available depending on the functionality required.

### Key Features

<b>Input Voltage</b>	230V @ 50Hz
<b>CF Output</b>	0 - 1500A RMS AC
<b>Max Comp. Length</b>	300mm
<b>DIMN</b>	760 x 550 x 400mm



## Technical Information

Bespoke built so designs can be tailored to customer requirements. Johnson & Allen consider all builds because we believe customers should not have to settle for second best due to manufacturer inflexibility.

AC current flow modes included as standard with HWDC and FWDC current flows modes available. Up to 16,500 Amp Turns magnet flow (FWDC) modes also available.

Variable position headstocks uses a simple lever operated clamping mechanism to grip components between the U2 type 60mm diameter Copper gauze contact pads.

A choice of control systems - Manual System for manual current regulation or Start System for automatic current regulation, adjustable shot timer and automatic demagnetizing routines.

Free standing frames available which can include a inking hose and under unit ink reservoir to allow for ink to be reused.

Supplied with heavy duty energising foot pedal and fully calibrated with the relevant paperwork as standard.

Power transformers and coils used in the SBU 1500 are wound, built and extensively tested in-house before they are installed. Excellent build quality and intended to last.

Can be supplied with range of accessories including threading bars, rigid fixed coils, headstock mounted 'V' brackets, mini-jigs and inspection lamps.

Easy to service and calibrate for minimal down time in busy environments.

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