

# AIR COOLED SPOT WELDER FY-16DC



Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



Pictures are for illustration purposes only - actual products may differ from images

FY-16DC air-cooled spot welder combines the most advanced SEMIKRON IGBT inverter with dual full bridge soft switching circuit technology providing quality spot welds with all new high-strength steels.

## Features

- Designed to spot weld different types of steel such as double-layer and multi-layer high strength steel.
- Double-sided C-type gun with double-piston design allows 360 degree rotation in stable pressure.
- Automatic mains voltage monitoring, open-phase protection for input voltage.
- Precise overheating protection.
- Automatic current testing system with precision to ensure safety in usage.
- Single-sided and double-sided spot welding.
- Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, DT washer welding, triangle washer welding etc.
- Complete with air filter and pressure regulator.
- Uniquely designed gun cable support arm allows flexible movement with 360 degree rotation.
- Branded IGBT inverter imported from Europe.
- Branded amorphous high frequency relay.
- Digital graphic LCD monitor.
- Large pulling hammer for dent pulling.
- Stepless current regulation.
- With single pulse and multi pulse modes applied to hundreds of welding processes.
- Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.

## PRODUCT SPECIFICATIONS

Input Voltage:	AC400V 50/60Hz
Input Power:	28KVA
Effective Input Current:	32A
Maximum Output Current:	13000A
Output Current:	1 - 19V
Weld Nugget Diameter:	4 - 9mm
Inverter Frequency:	2000Hz
Protection Grade:	IP21
Air Supply Pressure:	2 - 10kg
Welding Time:	0 - 700ms Pulsed
Dimensions:	800 X 680 X 2030mm
Weight:	118kg

Contact the Y.E.S. Sales office on +27 (0) 010 590 9444 for more information.  
Darrel: 083 926 7101 | Rocco: 060 519 7735 | Raj: 065 829 1217 | Mace: 082 442 4202

**Y.E.S.**  
YOUR EQUIPMENT SUPPLIER

Y.E.S. - Your Equipment Supplier

Longlake Industrial, Warehouse Unit 157/2,  
8 Ranworth Crescent, Erf 156, Longlake Ext 23,  
Modderfontein, 1645

Tel: +27 (0) 10 590 9444 Fax: +27 (0) 11 786 5996/7/8  
Email: sales@yesrsa.co.za  
Website: www.yesrsa.co.za  
Reg. No. 97/10686/07

