

KAIYUAN

SAW Catalogue

Proven Machine Proven Performance



High Reliability Design for Heavy Duty Applications

ZD5-1600EJ

This is a heavy duty Thyristor (SCR) controlled CC/CV power source suitable for Submerged Arc Welding (SAW), Carbon Air Arc Gouging (CAAG), Electro Slag Welding (ESW) and Strip Cladding. Backed by proven performance, rugged and reliable design and a wide range of protective features make it ideal for customers across all the applications segments. The state of the art control circuit features stable welding current to assure best welding quality.

*Over 40,000+ machines
in operation world wide*



Salient Features:

- Heavy Duty – 1600A @ 100%
- Operating Mode – CC/CV
- Suitability – SAW, CAAG, ESW
- Digital Display – V/A
- In-built Protections
 - Over Current
 - Over Heat
 - Over / Under Voltage
 - Phase Fault
 - Control Cable Short Circuit
 - High Frequency (HF) interference
 - Operation at high ambient

Specifications	ZD5-1600EJ
Control Mode	Thyristor
Mains supply	415V ±15%, 3Ph, 50Hz
Rated input power	112 KVA
Rated no load voltage	75 V
Output current range	300 – 1600A
Rated Output Voltage	44V
Continuous load	1600A / 100%
Protection class	IP21S
Insulation class	200°C
Dimensions, l x w x h	980 x 670 x 1060 mm
Weight	460 Kg

Exclusive range of Submerged Arc Welding systems



F19- 4 wheel Tractor



L12- 3 wheel Tractor



N10- Twin wire Tractor



Narrow GAP SAW



Strip Cladding Heads



Boom Mounted Heads



M10- Tandem wire Tractor

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