

LHJ 425

LHJ 750

Rectifier



LHJ 425 is a rectifier designed for the welding of stick electrodes. LHJ 750 is a rectifier designed for the welding of stick electrodes and gouging.

CHARACTERISTICS

- LHJ 425 and LHJ 750 are a welding rectifier for maintenance and industry. They have good welding characteristics and a wide current range, LHJ 425 >55-425 and LHJ 750 A > 80 - 750 A, which permits welding with a large number of different types of electrode including basic, with diameters of 2.0 - 6.0 mm.
- They are a fan cooled three phase rectifier connected to a power socket between three phases. The primary terminal are reconnectable for different input voltages 220, 380 or 440 V - 50/60Hz.
- The welding current is continuously adjustable within the range by means of a hand crank at the front plate. The rectifier has a movable leakage core. By varying the magnetic field by means of this leakage core, adjustment of welding current is stepless.
- The rectifier case are made of galvanized enameled sheet steel and is so designed that the rectifier can be used outdoors irrespective of the weather without extra protection.
- For mobility in the workshop the rectifier LHJ 425 is delivery in two options: with two solid rubber wheels and handle or with a trolley with four wheels and breaks and the rectifier LHJ 750 is delivery with a trolley with four wheels and breaks. For transport with a crane or travers there are two generously dimensioned lifting eyes on the top of the rectifiers.
- The rectifier LHJ 750 has an outlet at the front panel that permits to connect auxiliaries equipments in 220 volts and has an optional version with V/A meter that permits to show the welding voltage and current.



Technical Characteristics - LHJ 425

Welding current range	55A/22V - 425A/33V
Open circuit voltage	76V
Mains supply	3 Ø, 220, 380, 440V-50/60Hz
Permitted load	
at 100% duty cycle	230A - 30V
at 60% duty cycle	300A - 32V
at 30% duty cycle	425A - 37V
Rating for 60% duty cycle	24,3 kVA
Dimensions (W x L x H - mm) (with two wheels and handle)	760 x 1130 x 720
Dimensions (W x L x H - mm) (with trolley)	780 x 950 x 870
Weight	185 kg

Technical Characteristics - LHJ 750

Welding current range	80A/23V - 750A/44V
Open circuit voltage	87V
Mains supply	3 Ø, 220, 380, 440V-50/60Hz
Permitted load	
at 100% duty cycle	465A - 38.5V
at 60% duty cycle	600A - 44V
at 35% duty cycle	750A - 44V
Rating for 60% duty cycle	53 kVA
Dimensions (W x L x H - mm)	780 x 950 x 870
Weight	225 kg

TIG

Plasma

Rectifiers

Semi-Automatic

Transformers

Automation

USE

LHJ 425 and LHJ 750 can be used with a great range of accessories available in the market. However, some parts are essential to the perfect functioning.

Learn more about what you will need for the perfect use of your equipment and the accessories compatible with the chosen solution.

NECESSARY ITEMS

LHJ 425

- LHJ 425 unit
- Electrode holder cable
- Work clamp

LHJ 750

- LHJ 750 unit
- Electrode holder cable
- Work clamp

ACCESSORIES

Accessories

Eye Tech mask	0701324
Electrode holder (6 m) and work clamp (4 m) (425 A)	0400257
Electrode holder (6 m) and work clamp (4 m) (750 A)	0400258
V/A meter kit (only for LHJ 750)	0400973
Trolley (only for LHJ 425)	0900881

Equipments

LHJ 425 (with two wheels and handle)	0401106
LHJ 425 (with trolley)	0401107
LHJ 750	0401108
LHJ 750 (with volt/amp)	0401109



CONSULT WITH ESAB OR ITS AUTHORIZED DEALERS

Brazilian Office Phone: +55 31 3369-4431 Fax: +55 31 3369-4439
Miami Office Phone: +1 305 436 9900 Fax: +1 305 436 0800

esab.com.br

sales_br@esab.com.br
sales_us@esab.com.br



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