

The hi-performers

XLT 400 and XLT 630

Arc Welding Transformers



SUPER CLASS

- CONFORMS TO IEC 974-1
- HIGH CAPACITY
- MATCHLESS QUALITY
- ROBUST CONSTRUCTION
- EXCEPTIONAL RELIABILITY
- SUPERIOR WELDING PROPERTIES

XLT 400 and **XLT 630** are manual arc welding transformers suitable for **different supply voltages at 50 HZ or 60 HZ supply frequencies**. Because of **high OCV** and specially designed **moving shunt core** system these sets have **excellent welding properties** required for quality welding. Since both current control handle and the **uniform current scale** are located on the front panel and the current can be adjusted from **minimum to maximum** within a **step less single current range**, the welder finds it convenient to set the desired current **accurately, promptly and effortlessly**. Because of high capacity **XLT 630** is suitable also for Gouging application.

XLT 400 and **XLT 630** sets are provided with all internal fitments for an **OCV Limiter to be plugged in readily**. Use of OCV limiter **reduces the no load loss to almost zero** and ensures **vital welder safety**. These sets can be supplied with **built-in Power Factor Correction Capacitor** (optional) to **reduce input current** drawn from the mains permitting the use of a **lower-size cable and switch-gear** and thereby **cuts down power cost and installation cost**.



FEATURES

- ★★ SUITABLE FOR WIDE RANGE OF INPUT VOLTAGE AT BOTH 50 HZ AND 60 HZ SUPPLY FREQUENCIES
- ★★ READY SOCKET FOR OCV LIMITER
- ★ HIGH OPEN CIRCUIT VOLTAGE
- ★ TAPER MOVING SHUNT CORE SYSTEM
- ★ HIGH METAL RECOVERY, LOW SPATTER
- ★ STEP LESS CURRENT CONTROL IN ONE RANGE AND UNIFORM CURRENT SCALE
- ★ CURRENT INDICATOR AND CONTROLLING HANDLE ON FRONT PANEL

BENEFITS

- A UNIQUE FLEXIBILITY FOR OPTIMUM PERFORMANCE UNDER DIFFERENT SUPPLY CONDITIONS
- PROVISION FOR NEGLIGIBLE NO LOAD LOSS AND VITAL WELDER SAFETY
- ENSURES EASY ARC STRIKING
- EXCELLENT WELDING PROPERTIES, SOFT AND SMOOTH ARC WITH MINIMUM SPATTER
- LOWER ELECTRODE CONSUMPTION, ECONOMY IN WELDING
- PRECISE AND PROMPT CURRENT SETTING
- INCREASED OPERATOR CONVENIENCE

Quality

Performance

Economy

POWERCON — YOUR WELDING COMPANION WITH A DIFFERENCE

XLT 400 and XLT 630

SPECIFICATION

	XLT - 400	XLT - 630
INPUT		
Supply Voltage	50 HZ 60 HZ	230 / 415 / 500 V, 2 Lines 220 / 440 V, 2 Lines
Rated KVA at 60 % duty cycle	25 KVA	40 KVA
Input Current (at rated output and 415 V, 50 HZ supply)	61 A	96 A
OUTPUT		
O C V.	50 Hz 60 HZ	73 - 80 V 65 - 72 V
Welding Current Range	70 - 400 A	90 - 630 A
Welding Current at 60 % duty Cycle (Rated Current)	315 A	500 A
Welding Current at 100 % duty Cycle	240 A	380 A
Current Control	Step less	Step less
GENERAL		
Type of cooling	Natural Air	Forced Air
Insulation Class	'H'	'H'
Protection form	IP 23	IP 23
Weight (Approx.)	190 Kg.	205 Kg.
Dimension (Approx.)		
Depth	815	815
Width	695	670
Height	950	1050



POWERCON provides a wide range of Arc Welding Equipment for various welding processes. For more details please contact POWERCON.

POWERCON reserves the right to alter specifications without notice.



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