

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**

# XLT 400 and XLT 630

## SPECIFICATION

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