

# THH 630

## Transformers for industrial and fematic welding

- OUTSTANDING QUALITY
- HIGH CAPACITY
- EXCELLENT WELDING PROPERTIES
- STURDY DESIGN
- EXCEPTIONAL RELIABILITY

**THH 630** is manual welding transformers for industrial use with coated electrodes featuring high capacity and excellent welding properties. The high open circuit voltage ensures easy striking and re-striking action. Due to the high permitted loads, these transformers are ideal for Fematic welding.

### Adjustment of welding current

Single stepless range with clearly visible indicator on the front panel.

### Phase compensation

THH 630 is available with or without phase compensation. Phase compensation may sometimes prove to be a good investment as the primary current and the rated output can often be reduced, resulting in reduced fuse size and cable diameter.

### Movability

THH 630 as standard is provided with wheels and handle. For transport with lift-truck or crane, the transformers are also provided with lifting eyes.



### INPUT



### OUTPUT



### PROCESS



Technical data	THH 630
Voltage (V)	415V x 2 50 Hz
Primacy Current (A)	75 (without Capacitors) 64 (with Capacitors)
Fuse Slow Blow (A)	100
Cable (mm <sup>2</sup> )	3 x 35
Welding Current Range	90 A / 24 V 630 A / 44 V
Open circuit voltage	73 - 80 V
Permitted load	
at 100% duty cycle	380 A / 35 V
at 60% duty cycle	500 A 40 V
at 35% duty cycle	630 A / 44 V
Power factor at 150 A	
with capacitors (Phase comp)	0, 7
Without capacitors	0, 4
Efficiency 50 Hz	0, 85
Open circuit rating	0.7 kw
Weight	210 kg
Protection form	IP 23
Cooling	AF
Dimensions, W x D x H, mm	675 x 820 x 1050
Order Code	4610637630

ESAB is certified according to ISO 9001



The ESAB group is certified according to ISO 14001 & OHSAS 18001

### ESAB INDIA LIMITED

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# Transweld 400

## Air Cooled Welding Transformer

*ESAB Transweld 400 is a Manual Arc Welding Transformer that combines unique functionality and safety features. It is economical, natural cooled and delivers excellent welds. It is rugged dependable and suitable for shop or site use.*



INPUT

415 V

2  
PHASE

50  
Hz

OUTPUT

CC

AC

PROCESS



### Special Features

- Fully portable, light weight and compact.
- Natural air cooled machine ensures maximum safety of transformer as opposed to fan-cooled where fan-failure can cause burning of coils.
- Higher metal recovery ensures lower consumption of electrodes.
- Current available in single range. Current indicator and current control handle both on front panel.
- Superior dynamic characteristics gives soft and smooth arc, minimum spatter.
- Robust and compact construction ability to withstand rough handling at sites.
- Horizontal shunt core travel ensures precise setting even after prolonged use.
- Ultra light weight for easy manoeuvrability.



- Class 'H' insulation provides longer coil life.
- Linear current indicator scale enables easy current setting.
- Low no-load loss.

## TECHNICAL DATA

TRANSWELD 400	
<b>Input</b>	
Supply voltage	415 V 2 lines of 3 Phase, 50 Hz AC
Rated Input Current	63 Amps.
Rated Input kVA	26 kVA
<b>Output</b>	
Open circuit voltage (Maximum)	80 V
Range of welding current	50-400 Amps.
Maximum continuous hand welding current at 60% duty cycle (Rated welding current)	300 Amps.
Type of welding current regulation	Stepless
Type of cooling	Natural Air Cooled
Net Weight (Approx.)	115 Kg.
Approx. Dimensions (L x W x H)	600 x 410 x 720 mm
ORDERING INFORMATION	
Power source only.	461-0641-400



Always insist on genuine accessories and parts for best performance

Dependable Service

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