

FCT SERIES

Air Cooled Welding Transformers

Ralli Wolf

**HI-PERFORMANCE
AT ENVIABLE PRICE**

The **FCT** series air cooled manual arc welding transformers conforming to **IS : 1851** are specially designed to meet today's demand at sites, and workshops as well. The optimally designed taper moving core system ensures **superior dynamic characteristics** with **smooth and soft arc** and **minimum spatter**. The transformers are **Compact, Sturdy** and **Portable**, manufactured with Class 'H' insulation for long trouble-free service life. Extremely operator - friendly, since both the current scale and the current control handle are located on the front panel. Because of the **uniform current scale** the desired current can be set **precisely** and **easily**. Due to the two large wheels at the rear, castor/stay at the front, the transformer can be **steered to any position effortlessly**.



FEATURES

- ★ Robust coil design for long service life.
- ★ Class 'H' insulation.
- ★ Superior dynamic characteristics.
- ★ High metal recovery.
- ★ Uniform current scale.
- ★ Current indicator and controlling handle on front panel.
- ★ Two large rear wheels with front Castor/Stay.
- ★ Conforms to IS - 1851

BENEFITS

- Long trouble-free service life.
- Longer coil life.
- Smooth and soft arc ensures minimum spatter.
- Lower electrode consumption.
- Precise current setting.
- Quicker current adjustment and reduced operator fatigue
- Better manoeuvrability.

Quality

Performance

Economy

www.ralliwolf.com

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SPECIFICATION

	FCT - 300 (RT - 30)	FCT - 400 (RT - 40)	FCT - 450 (RT - 45)	FCT - 600 (RT - 60)
INPUT				
Supply Voltage	415V, 50 HZ, 2 Lines of 3 Phase Supply		390 / 415 / 440 V, 50 HZ 2 Lines of 3 phase supply	
Rated KVA at 60% duty cycle	21 KVA	23 KVA	33 KVA	39 KVA
Input Current at rated output and 415 V supply	50 A	55 A	80 A	94 A
OUTPUT				
Open Circuit Voltage	80 V (Max.)	78 V (Max.)	80 V (Max.)	80 V (Max.)
Welding Current Range	40 - 300 A	75 - 400 A	50 - 450 A	60 - 630 A
Max. Cont. Hand Weld. Current at 60% duty cycle (Rated Output)	250 A	300 A	400 A	500 A
Max. Cont. Auto. Weld. Current at 100% duty cycle	175 A	230 A	310 A	380 A
Welding Current Control	Stepless	Stepless	Stepless	Stepless
GENERAL				
Type of cooling	Forced Air	Forced Air	Forced Air	Forced Air
Insulation Class	'H'	'H'	'H'	'H'
Weight (Approx.)	80 Kg.	85 Kg.	130 Kg.	150 Kg.
Dimension (Approx.) L X W X H mm	710x475x540	710x475x540	830x560x700	830x560x700

Ralliwolf provides a wide range of ARC Welding Equipment for various welding process. For more details please contact Ralliwolf. In view of continuous development, Ralliwolf reserves the right to modify / alter the design and / or specification without any prior notice.

POWERTOOLS MARKETING LTD.

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