

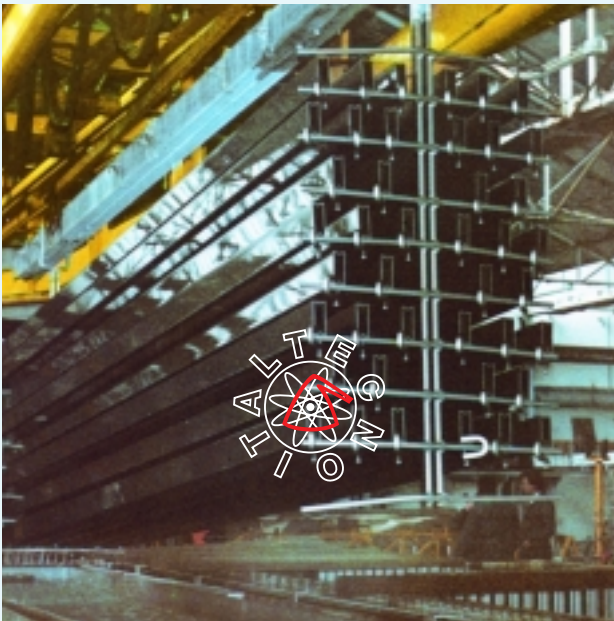


Dc-ac power supply for electrocolouring with computerized programs

TECNO 4 C POWER SUPPLY

ITALTECNO TECHNOLOGY FOR
 ELETROCOLOURING

PRODUCTIVITY: DOUBLE COMPARED TO CONVENTIONAL POWER SUPPLIES



Example of big load achievable with TECNO 4 C



TECNO 4 C remote control board

CONSISTENT UNIFORMITY

Programmable electrocolouring feeder for large loads (4 or more rows) (with or without central electrode).

While ordinary electrocolour power supplies are programmed for delivering (adjustable) alternating current, this particular instrument is capable to deliver successively and automatically unidirectional and sinusoidal alternating currents according to present programs.

These special programs make it possible to modify the electroplating mechanism in order to considerably increase colour throwing power and uniformity even in masked areas.

PROGRAMMING AND USE

The computerised programmer stores both

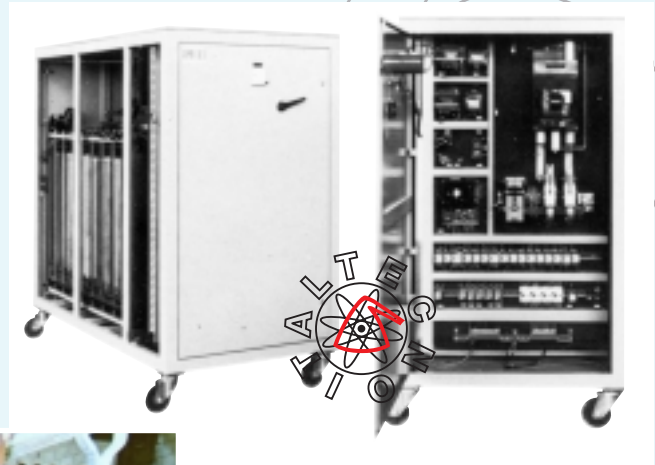
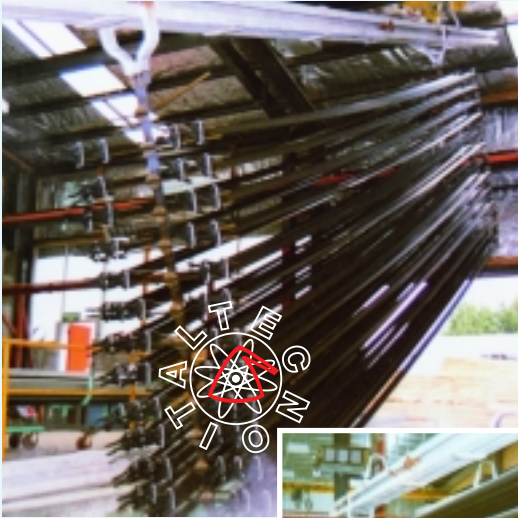
the times and working parameters necessary for a certain colour and a certain load in order to ensure maximum reproducibility of the colour tonality.

It is possible to store up to 70 programs, although usually 15 to 20 programs are used. The TECNO 4 C power supply can be used with any type of electrolyte and electrodes normally used for electrocolouring. No chemical or mechanical modifications are therefore necessary if the bath yield is already acceptable.

TECNO 4 C CHOICE CRITERIA

The TECNO 4 C amperage must be 70% (min 60%) of the rectifier amperage.

Max. voltage is fixed for all models at 25 V unidirectional current and 25 V alternating current. Higher voltages available on request.



OPERATING MODES

The TECNO 4 C power supply has three operating modes: manual control, semi-automatic control and fully automatic control with computerised programs.

MAIN FEATURES

Supply 2 x 380 (other voltage on request) – 50 Hz (60Hz)- output: 25 V dc – 25 V ac single phase.

TECNO 4 C AVAILABLE MODELS	ANODISING RECTIFIERS SIZE
2000 Amperes	2000 A - 4000 A
4000 Amperes	6000 A
6000 Amperes	8000 - 10000 A
8000 Amperes	12000 A
10000 Amperes	15000 A
12000 Amperes	18000 A

Larger available on request

ITALTECNO

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GENERAL FEATURES

TECNO 4 C consists of:

- * *Main unit composed of:*
 - N.1 sliding brush autotransformer for output voltage control, equipped with variable speed motor
 - N.1 single phase transformer
 - N.1 auxiliary transformer
 - N.1 S.C.R. set series connected to secondary transformer in order to achieve both alternating and direct output current
- * *Remote control panel equipped with a programmable computer and semiautomatic and manual regulators.*

