



GROW CONTROL
POWER TECH PVT. LTD.

We Provide Solutions....

AN ISO 9001:2015 COMPANY



INDUCTION MOTORIZED TILTING MACHINE



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GROW CONTROL Induction Motorized Tilting Machine is a reliable and efficient device designed for various industrial and laboratory applications. This cutting-edge machine utilizes advanced induction motor technology to provide precise and smooth tilting movements.

With 30+ years of expertise and a commitment to indigenous technology, **GROW CONTROL** delivers rugged, reliable, and customizable power supply systems built to meet the stringent requirements of Indian industries, defense, and research sectors.

Features

High-Torque Performance: The machine's powerful induction motor enables it to withstand heavy loads and provide consistent performance.

Smooth Tilting Motion: The motor's advanced control system ensures smooth and precise tilting movements, eliminating jerky or vibrating motions.

Easy Operation: The machine's intuitive control panel allows for simple and effortless operation, making it ideal for users with minimal technical expertise.

Compact Design: Optimized layout for reduced footprint, allowing easier integration into existing production lines.

Key Advantages

1. **Indigenous Technology:**

Completely designed and manufactured in India, **GROW CONTROL** Induction Motorized Tilting deliver solutions optimized for domestic industrial, research, and defense needs.

2. **Advanced Protection:**

Built-in safety mechanisms, including over-voltage, over-current, and thermal protection, ensure reliable performance in demanding applications.

3. **Customizable Configurations:**

GROW CONTROL offers flexible options in terms of voltage, current range, and form factor, ensuring that each unit meets the unique requirements of its intended application.



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Applications

1. General manufacturing
2. Metal Casting
3. Production of high-purity materials for specialized applications.

Customization Options

GROW CONTROL offers a range of customization options to meet the unique power requirements of diverse industrial and defense applications:

- **Output Voltage & Current Range Adjustments**
- **Cooling System Customization**
- **Advanced Monitoring and Control Interfaces**
- **Extended Protection Features**

Our engineering team collaborates with clients to deliver tailored solutions suited to their operational, environmental, and performance needs.

Why Choose **GROW CONTROL**?

- **Indigenous Design:** Backed by over three decades of power electronics expertise, **GROW CONTROL** Motorized Tilting Machine meet high standards of reliability and performance.
- **Efficiency & Stability:** High efficiency and low ripple output ensure stable power delivery, critical for sensitive and precision applications in industrial, defense, and research sectors.
- **Safety and Reliability:** Designed with comprehensive protection mechanisms, these power supplies offer safe and dependable performance under demanding conditions.
- **Ruggedized for Harsh Environments:** Compliant with military standards, **GROW CONTROL** Motorized Tilting Machine are built to operate reliably in extreme environmental conditions.
- **Customer Support:** From customization and installation to support and maintenance, **GROW CONTROL** ensures seamless integration and optimal performance for all clients.



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ME KLOA/05 2019/04/18/11/11

Certifications

- **ISO 9001:2015** – Quality Management Systems

Technical Specification

Model no.	GC503IMF
Type of Continuous Casting Machine	MOTORIZED TILTING INDUCTION FURNACE
Charging Size	50 kg Silver
Rated KW	50kW
Nominal Furnace Frequency	6 kHz – 10 kHz
Line Power Factor	0.95 and above
Melt Rate at 50 KW	Min. 125 Kg/hour – Silver
Nominal capacity	50 KG (Silver)
Operating Temperature	1200° C

