

Asset Description:

Sincro EW 200 AC Mobile Welder/Generator Unit

The Sincro EW 200 AC is a versatile and robust mobile unit, engineered to provide dual functionality as both a powerful welder and a reliable electrical generator. Designed for demanding on-site applications, this machine offers flexibility and independence, making it an essential asset for construction, maintenance, and fabrication tasks in diverse environments.

Type of Machine:

It is a mobile welder/generator unit, combining arc welding capabilities with auxiliary power generation, offering a comprehensive solution for remote or power-constrained worksites.

Brand and Model:

The SINCRO EW 200 AC

Functionality:

- **Dual-Purpose Operation:** The EW 200 AC seamlessly transitions between its two core functions:
 - **Welder:** It provides Alternating Current (AC) welding power, suitable for a wide range of common welding tasks, including stick welding with various electrode types.
 - **Generator:** It functions as an independent power source, capable of supplying electricity for various tools, lighting, and small appliances on job sites where grid power is unavailable or unreliable.
- **On-Site Versatility:** Its mobile design makes it ideal for fieldwork, offering complete autonomy for welding and power needs in remote locations, construction sites, agricultural settings, or emergency repairs.

Power Source:

Diesel-powered. The use of diesel fuel offers several advantages critical for industrial and prolonged use, including:

- **Fuel Efficiency:** Diesel engines are generally more fuel-efficient than petrol engines, leading to lower operating costs over time.
- **Durability and Longevity:** Diesel engines are renowned for their robust construction and longer lifespan, making them well-suited for heavy-duty, continuous operation.
- **Torque Characteristics:** Diesel engines typically produce higher torque, which is beneficial for maintaining stable performance under varying loads, both during welding and power generation.

Features:

- **Mobile Design:** Equipped with a sturdy frame and wheels for easy transportation across various terrains, enhancing its utility for on-site operations.
- **AC Welding Output:** Provides a stable AC output suitable for a variety of welding applications, ensuring consistent arc performance.
- **Auxiliary Power Outlets:** Features standard electrical outlets for connecting external tools and equipment, transforming the unit into a mobile power station.
- **Robust Construction:** Built to withstand the rigors of demanding work environments, ensuring durability and reliability in challenging conditions.
- **User-Friendly Controls:** Typically includes straightforward controls for adjusting welding current and monitoring generator output, making it accessible for operators.

Applications:

The Sincro EW 200 AC Mobile Welder/Generator is a valuable asset for:

- **Construction Sites:** Providing welding and power for various structural, plumbing, and electrical tasks.
- **Field Repairs:** Ideal for maintenance teams performing repairs on heavy machinery, agricultural equipment, or infrastructure in remote locations.
- **Fabrication:** Supporting metal fabrication tasks where mobility and independent power are crucial.
- **Emergency Services:** Offering a reliable power source and welding capability during power outages or disaster relief operations.