

## APOLLO SKILL-450

### MMA/Arc Welding Machine

Brand: ELECTRA KOKO TAWA

## Introduction

The **SKILL-450 Arc Welding Machine** is a **high-performance, three-phase inverter-based arc welding solution**, engineered for **industrial-grade applications**. Featuring a **Voltage Reduction Device (VRD) switch**, it ensures **enhanced safety and efficient operation**. With a **maximum output of 450A** and a **current output range of 50A to 450A**, this **heavy-duty machine** is designed for **welding pipelines, structural components, and heavy machinery**, making it an **ideal choice for demanding industrial environments**.



## Technical Specifications

Parameter	Unit	SKILL-450
No-load Voltage	V	77
Working Voltage	V	22.4 - 44
Rated Welding Current	A	450
Current Range	A	50 - 450
Rated Duty Cycle	%	60
Phase	~	3~Phase
Frequency	Hz	50/60
Supply Voltage	V	415
Rated Input Current	A	27
Maximum Effective Input Current	A	28
Rated Input Capacity	KVA	26
Efficiency	%	≥85
Protection Class		IP23
Insulation Class		H
Weight	kg	22

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## Key Features

### 1. High-Performance Welding:

- **Rated Output:** 450A with an adjustable current range of **50A to 450A**.
- **Stable arc performance**, ensuring precision and consistency for **demanding welding applications**.

### 2. VRD Functionality:

- The **Voltage Reduction Device (VRD) switch** lowers idle voltage to a safe level (<36V), ensuring **operator safety in hazardous environments**.
- Allows the VRD to be **activated or deactivated** based on user requirements.

### 3. Rugged & Durable Design:

- Built for **heavy-duty industrial use** with **IP23 protection class** for **enhanced durability in harsh conditions**.
- **Insulation Class H**, providing superior thermal resistance and **extended machine lifespan**.

### 4. Energy Efficiency:

- **High efficiency of  $\geq 85\%$** , significantly reducing **energy consumption and operational costs**.
- **Rated Input Capacity:** 26 KVA for **optimal power utilization** and high-performance output.

### 5. User-Friendly Operation:

- **Digital display panel** ensures **precise control and monitoring** of welding parameters.
- **Compact yet robust design, pre-wired with cables**, allowing for **immediate operation**.

## Benefits

- ✓ **Enhanced Safety:** VRD switch minimizes risk in hazardous conditions.
- ✓ **Energy Efficient:** Reduces operational costs with superior efficiency.
- ✓ **Reliable Performance:** Industrial-grade durability for consistent performance in tough conditions.
- ✓ **Complete Package:** Includes **welding cable with holder** and **earthing cable**, ready for immediate use.

## Applications

- **Industrial Welding:** Ideal for **heavy machinery, fabrication, and structural components**.

- **Pipeline Welding:** Designed for **cellulose electrodes**, ensuring **optimal performance for pipeline construction**.
- **Construction Projects:** Reliable for **on-site welding in challenging environments**.
- **Repair & Maintenance:** Suitable for **workshops and field repairs**.

## Package Includes

- ✓ **Power Source:** SKILL-450 Arc Welding Machine.
- ✓ **Welding Cable with Holder:** 2.5 meters.
- ✓ **Earthing Cable:** 2.5 meters.

## APOLLO Series – Premium Industrial Welding Machines by ELECTRA KOKO-TAWA

The APOLLO series of welding machines by ELECTRA KOKO-TAWA represents the **pinnacle of precision engineering and industrial reliability**. Developed using **KOKO-TAWA Japanese technology**, these machines incorporate **high-end components** to ensure **exceptional durability, superior performance, and energy efficiency**. Designed for **heavy-duty industrial applications and fabrication**, the APOLLO series delivers **unmatched welding excellence**, making it the **preferred choice of professionals across various industries**.

## CONTACT US

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🔥 **Experience Advanced Welding Technology with the SKILL-450 & APOLLO Series!** 🔥