



MERIDIAN

ENGINE DRIVEN WELDERS

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Product Name	Rated Output	Engine		Generator Model	AC Generator Model	Fuel Tank Capacity gals (ltrs)	Dimensions L×W×H inches (mm)	Weight lbs (kg)
		Model	Description					
АДД-4001А	60...450 A DC 32.6 V	Д-144	Air-cooled Diesel Engine Electric Start	GD-4002	-	14.8 (56)	88.2×39.4×51. (2240×1000×1300)	1653 (750)
АДД-4001МА	60...450 A DC 32.6 V	Д-243	Water-cooled Diesel Engine Electric Start	GD-4002		14.8 (56)	88.2×39.4×51.2 (2240×1000×1300)	1764 (800)
АДД-4003/5,5А	60...450 A DC 32.6 V	Д-144	Air-cooled Diesel Engine Electric Start	GD-4002	EG-5.5 5.5 kVA 220 V, 50 Hz	14.8 (56)	88.2×51.2×51.2 (2350×1300×1300)	1962 (890)
АДД-4003/5,5МА	60...450 A DC 32.6 V	Д-243	Water-cooled Diesel Engine Electric Start	GD-4002		14.8 (56)	88.2×51.2×51.2 (2350×1300×1300)	2072 (940)

Multi-purpose engine driven welders АДД-4001А, АДД-4001МА, АДД-4003/5,5А and АДД-4003/5,5МА by MERIDIAN® are designed especially for welding professionals who demand superior welding arc for welding, cutting or welding deposition at field condition. A **welding arc is supplied with DC power** that makes it possible to weld using electrodes with any coatings.

These engine driven welders are especially designed to be mounted into **automobile repair shops of AMF type** that are produced on the basis of the variety of the vehicles (including КрАЗ-63221, ГАЗ-66, ГАЗ-53, ЗИЛ, КаМАЗ, МаЗ, etc.). These automobile repair shops are designed for repair and maintenance works on oil-trunk an gas-main pipelines, water mains, gas equipment, communal services, etc.

Engine driven welders by MERIDIAN® are equipped with the industry's best-known generators that are certified to provide the key welding characteristics: easy starts, arc stability and elasticity, smooth arc action, reduced spatter, and great bead appearance. During certification procedures these characteristics were found to match or even exceed the similar characteristics of the collector-type generators. These high rates have been achieved by using the original circuit improvements and wise choice of the moderate current load. These synchronous brushless self-excited inductor-type high frequency generators contain no brushes, rotating diodes or controlled semiconductors that results in very simple design and high efficiency. All bearings are supplied sealed for life and are, therefore, not regreasable. The generators of this type are the most reliable generators – no maintenance required.

An engine driven welders АДД-4003/5,5А and АДД-4003/5,5МА provide added value at the job site by delivering up to **5.5 kVA of 220 V AC auxiliary power** for lights, grinders, drills and other common tools. They allow welding and having access to AC power simultaneously – the full 5.5 kVA can be delivered while welding.

Welders include solid durable welded frame, fuel tank, bottom plate and easily demountable framework that is of extremely rugged construction in order to withstand the rough handling. Proper arrangement of the control panels delivers easy access to any component for service and maintenance.

Some of the best features and advantages of АДД-250/5,5А:

- Instant start;
- Multiple level control of the welding current and excellent performance in whole controlled range;
- Delivers 5.5 kVA of 220V AC generator power to run lights, tools and weld all at the same time;
- Low fuel consumption;
- Reliability in hard usage.

High efficiency, reliability and simplicity of the operation and maintenance make this engine driven welder **the most economical off-line supply source**.

MERIDIAN® engine driven welders meet the requirements of industry standard ГОСТ 2402 "Engine driven welders. Common technical requirements" as well as all the safety standards that is confirmed by УкрСЕПРО certificate.

The warranty period is twelve months.