



# MERIDIAN

## ENGINE DRIVEN WELDERS

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Product Name	Rated Output	Engine		Generator Model	AC Generator Model	Fuel Tank Capacity gals (ltrs)	Trailer	Dimensions L×W×H inches (mm)	Weight lbs (kg)
		Model	Description						
АДД-2×250	30...260 A DC 32.6 V	Д-144	Air-cooled Diesel Engine Electric Start	SG-2×250	-	14.8 (56)	-	88.2×39.4×51.2 (2240×1000×1300)	1918 (870)
							two-wheeled ТАПЗ-755	137.8×79.1×86.6 (3500×2010×2200)	3020 (1370)
АДД-2×250М	30...260 A DC 32.6 V	Д-242	Water-cooled Diesel Engine Electric Start	SG-2×250	-	14.8 (56)	-	88.2×39.4×51.2 (2240×1000×1300)	2028 (920)
							two-wheeled ТАПЗ-755	137.8×79.1×86.6 (3500×2010×2200)	3131 (1420)
АДД-2×250/5,5	30...260 A DC 32.6 V	Д-144	Air-cooled Diesel Engine Electric Start	SG-2×250	EG-5.5 5.5 kVA 220 V 50 Hz	14.8 (56)	-	88.2×51.2×51.2 (2350×1300×1300)	2050 (930)
							two-wheeled ТАПЗ-755	137.8×79.1×86.6 (3500×2010×2200)	3109 (1410)
АДД-2×250/5,5М	30...260 A DC 32.6 V	Д-242	Water-cooled Diesel Engine Electric Start	SG-2×250	EG-5.5 5.5 kVA 220 V 50 Hz	14.8 (56)	-	88.2×51.2×51.2 (2350×1300×1300)	2425 (1100)
							two-wheeled ТАПЗ-755	137.8×79.1×86.6 (3500×2010×2200)	3527 (1600)

Multi-purpose engine driven welders by MERIDIAN® are designed especially for welding professionals who demand two independently controlled superior welding arcs 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 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. Higher usage of the copper wires in windings is compensated with higher reliability and longer generator life. 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.

The generator technology also provides the possibility to use them singly or paralleled if necessary for 400 amps of superior arc gouging power delivered to one welding arc.

An engine driven welders АДД-2×250/5,5 and АДД-2×250/5,5М provide added value at the job site by delivering up to **5.5 kVA of 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 standard or sound attenuated steel enclosure with attractive and durable red polyester powder coating. These enclosures are of extremely rugged construction in order to withstand the rough handling. Proper arrangement of the control panels deliver easy access to any component for service and maintenance.

MERIDIAN® produces the engine driven welders either in stationary version or in mobile version complete with the two-wheeled trailer ТАПЗ-755 for heavy-duty road and off-road applications.

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 № UA1.012.

The warranty period is twelve months.