



MERIDIAN

ENGINE DRIVEN WELDERS

Manufacturer: "Yuzhny meridian" Ltd.

78 Kotlyarevskogo str., Kherson 73011, Ukraine
Phone/fax: +380 (552) 436539
Phone: +380 (552) 428326, 237040
E-mail address: umeridian@umeridian.com.ua

5 Pulyuya str., Kyiv 03048, Ukraine
Phone/fax: +380 (44) 2460833
Phone: +380 (44) 2461132
E-mail address: ngr@priocom.com.ua

<http://www.umeridian.com.ua>



Product Name	Rated Output	Welding Arcs	Engine		Generator Model	AC Generator Model	Fuel Tank Capacity gals (ltrs)	Trailer	Dimensions L×W×H inches (mm)	Weight lbs (kg)
			Model	Description						
АДД-4×250	30...260A / 30V 30...400A / 30V	4 2	Д-145Т	Air-cooled Diesel Engine Electric Start	SG-4×250	-	14.8 (56) or 29.6 (112)	-	118.1×47.2×76.8 (3000×1200×1950)	3307 (1500)
								two-wheeled ТАПЗ-755В	157.5×82.7×86.6 (4000×2100×2200)	4409 (2000)
			four-wheeled 2-ПН-4	183.1×90.6×86.6 (4650×2300×2200)				7716 (3500)		
АДД-4×250/5,5	30...260A / 30V 30...400A / 30V	4 2	Д-145Т	Air-cooled Diesel Engine Electric Start	SG-4×250	EG-5.5 5.5 kVA 220 V 50 Hz	14.8 (56) or 29.6 (112)	-	118.1×47.2×76.8 (3000×1200×1950)	3417 (1550)
								two-wheeled ТАПЗ-755В	157.5×82.7×86.6 (4000×2100×2200)	4519 (2050)
			four-wheeled 2-ПН-4	183.1×90.6×86.6 (4650×2300×2200)				7826 (3550)		

Multi-purpose engine driven welders АДД-4×250 and АДД-4×250/5,5 by MERIDIAN® are designed especially for welding professionals who demand **four independently controlled superior welding arcs** for welding, cutting or welding deposition at field condition. Welding arcs are supplied with DC power that makes it possible to weld using electrodes with any coatings.

These engine driven welders are equipped with the generators SG-4×250 that are based on industry's well-known welding generator GD-4002 which has minimal weight and size for this type of the power sources. 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. They provide easy starts, arc stability and elasticity, smooth arc action, reduced spatter, and great bead appearance. The generators of this type are the most reliable generators – no maintenance required.

The generator technology also provides the possibility to bridge two terminal pairs if necessary, that sum up the welding currents and delivers a great **400 A DC welding current for two welding arcs**.

An engine driven welders АДД-4×250/5,5 provides 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. It allows 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 versions complete with the two-wheeled trailer ТАПЗ-755В or four-wheeled trailer 2-ПН-4 for heavy-duty road and off-road applications.

Some of the best features and advantages of АДД-4×250 and АДД-4×250/5,5:

- 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.

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.