



# MERIDIAN

## STICK WELDERS

**Manufacturer: "Yuzhny meridian" Ltd.**

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Stick welders ВД-306 and ВД-306ТМ by MERIDIAN® are versatile, multi-purpose, multiprocess power sources that are lightweight and portable. They are extremely useful welding power sources for maintenance repair, fabrication, construction, erecting and hardfacing applications. Can also be used for cutting and piercing holes in steel.

Product Name	<b>ВД-306</b>	<b>ВД-306ТМ</b>
Input Power	three-phase	
Input Voltage	380 V AC	
AC Frequency	50 Hz	
Input Current	36 A	
Rated Output	315 A / 32 V	
Range Selection	Low/High	
Output Current (Low Range)	45 – 125 A	
Output Current (High Range)	125 – 315 A	
Output Voltage	22- 32 V	
Rated Duty Cycle	60%	
Rated Output Period	5 min	
Open-Circuit Voltage	60 – 70 V	
Efficiency, at least	70%	
Noise level, at most	80 bBA @ 3 m	
Length	30.9 in (785 mm)	
Width	24.6 in (625 mm)	
Height	32 in (810 mm)	
Net Weight, at most	330 lb (150 kg)	
Additional installed meters (ammeter, voltmeter)	No	Yes

This series is easy to operate. The ranges of the output current are switched using switch on control panel. Smooth stepless adjustment of the welding current within each range is performed using current control knob by changing the gap between the primary and secondary windings that makes procedure setting simple and easy. Stick welder is equipped with fan which is driven by three-phase asynchronous motor controlled by wind relay. It provides forced air cooling for extra thermal protection. All the components are mounted on the trolley and protected by steel enclosure with attractive and durable red polyester powder coating. For easy movement stick welders are equipped with handles and for easy storage and handling with the lifting bracket.

These stick welders are rated for the conditions of the moderate climate with the ambient air temperature -40°F (-40°C) to 104°F (+40°C) and the relative humidity of air up to 80% at a temperature of 68°F (20°C).

MERIDIAN® stick welders meet the requirements of industry standard TY 2040433-13-93 as well as all the safety standards that is confirmed by УкрСЕПРО certificate.

The warranty period is twelve months.