

Orbital GMA Welding System
for applying internal & external coatings

iD WELD 2501



*Stronger, with
Castolin Eutectic*

- Ideal for "on-site" maintenance and repair work
- Internal coating of bores with 30 mm diameter or higher
- Longitudinal stroke capability up to 170 mm in one run
- Suitable for most MIG / MAG welding machines

WEAR & FUSION TECHNOLOGY



WELDING

iD Weld 2501 - ORBITAL WELDING FAST AND EASY

DESCRIPTION

The exclusive internal and external orbital welding apparatus has been further developed to improve easier on-site set up and positioning, thus adding greater versatility and increasing the general robustness of the design.

Developed primarily to reclaim and overlay internal bores with special Castolin Eutectic welding and cladding alloys, the iD Weld 2501 is used in conjunction with any MIG/MAG welding machine with the correct current range and duty cycle to suit the application.

UNIQUE FEATURES

- Longitudinal stroke capability up to 170 mm.
- Suitable for internal bore diameters down to 30 mm.
- Multipurpose base plate that allows for greater functional fitting and securing.
- Supporting column of 40 mm diameter that allows it to be used with universal standard components.
- Extended reach capability.
- Easy to adjust in position with rapid off set and repositioning feature thanks to articulated arm, index and quick locking arrangement.
- Robust and compact design to enable the unit to cope with the tough, on site repair environment.



TECHNICAL DATA

Mains supply voltage:	110/120/220/240 V / 50 Hz
Diameter range:	30 - 800 mm
Axial capability:	max. 170 mm
Axial feed pitch:	3 mm / Rev.
Min. rotation speed:	0,3 rpm
Max. rotation speed:	12 rpm
Weight (Feed unit):	18,6 kg
Weight (Control unit):	9,2 kg
Filler alloy solid wire:	Ø 0,8 - 1,0 mm
Filler alloy cored wire:	Ø 1,2 mm
Welding current / Duty cycle:	200 A / 100 %



STANDARD DELIVERY CONTENTS

- Basic rotation welding head with column and clamp ring.
- Separate control unit with 3 m interconnection cable.
- Multipurpose base.
- Standard welding neck for internal bores from 30 - 70 mm diameter.
- Extra welding head for internal bores over 70 mm in diameter.
- Radial and axial extensions for operations up to diameters of 240 mm.
- Set of standard wearing spare parts.
- Tool kit for installation and general set up.
- Transport case with foam inserts.

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