

# Taurus 505 Synergic S MM TDM

090-005338-00502



WE ARE WELDING

## MULTIMATRIX



- Inverter welding machine with separate wire feeder, choice between drive 4X EX, drive 4X HP or drive 4X LP
- **Welding procedures and functions**
- Equipped at no extra charge with Synergic characteristics for GMAW welding of steel/CrNi/aluminium
- Suitable for MMA welding, TIG welding and gouging at no extra charge
- 16 individually configurable programmes for each welding task (JOB)
- Infinitely adjustable arc dynamics (choke effect)
- Adjustable start and end-crater functions
- Synergic or manual welding operation
- **Your benefits**
- Gas-cooled or optionally water-cooled with cool 50 cooling unit
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- Equipped with 1.0–1.2 mm UNI rolls for low to high-alloy steel
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- Earth fault monitoring (PE protection)
- IP23 spray water protected
- Connection capability for remote control and function torch
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- PC interface for PC300 XQ software
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 5-litre water tank (cool50 cooling unit)
- Free WPQR package for certification up to and including EXC2 in accordance with EN 1090 and for welding of unalloyed steels up to and including S355

Version	Taurus 505 Synergic S HP MM TDM
Setting range for welding current	5 A - 500 A
Duty cycle 40 °C	500 A / 60 % 430 A / 100 %
Open circuit voltage	79 V
Mains voltage	3 x 400 V
Tolerances	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	33.2 kVA
Protection classification	IP23
Safety marking	
EMC class	A
Dimensions (L x B x H)	625 mm x 298 mm x 531 mm 24.606 Zoll x 11.732 Zoll x 20.906 Zoll
Weight	45 kg 99.225 lbs
Standards	IEC 60974-1, -10 CL.A

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