

## Taurus 401 Synergic S HP MM FKW

090-005409-00502

### MULTIMATRIX



- Compact MIG/MAG inverter welding machine with one-knob Synergic control and integrated wire feed mechanism
- **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**
- 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
- Wire spool diameter up to 300 mm/D300, 200 mm/D200 possible with adapter
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- Earth fault monitoring (PE protection)
- Connection capability for remote control and function torch
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- HP control can be easily changed for LP control at any time
- PC interface for PC300 XQ software
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 12-litre water tank
- 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 401 Synergic S HP MM FKW
Setting range for welding current	5 A - 400 A
Duty cycle 40 °C	400 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	23.6 kVA
Wire feed speed	0.5 m/min - 25 m/min 19.68 ipm - 944.88 ipm
Factory-installed roll equipment	1,0-1,2 mm UNI / Stahl
Spool diameter	D200 / D300
Torch connection	Eurozentralanschluss
Cooling capacity at 1 l/min.	1.5 kW
Pump pressure	3.5 bar
Tank capacity	12.5 l
Protection classification	IP23
Safety marking	
EMC class	A
Dimensions (L x B x H)	1085 mm x 450 mm x 1003 mm 42.717 Zoll x 17.717 Zoll x 39.488 Zoll
Weight	121.5 kg

Standards	267.908 lbs IEC 60974-1, -2, -5, -10 CLA
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