


DATA SHEET

Taurus 355 Synergic S HP MM TKM

090-005407-00502



- MIG/MAG inverter welding machine with integrated wire feeder
- Compact inverter welding machine with 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
 - Individually configurable programs for each welding task (JOB)
 - Adjustable start and end-crater functions
 - Infinitely adjustable arc dynamics (choke effect)
 - Synergic or manual welding operation
- **Your benefits**
 -  No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works
 - Choice of gas- or water-cooled operation
 - 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
 - High open circuit voltage for excellent ignition characteristics
 - Energy-saving thanks to high efficiency and standby function
 - Connection capability for remote control and function torch
 - Easy, tool-free change of welding polarity
 - Insulated wire space
 - IP23 spray water protected
 - 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 5-litre water tank (cool50 cooling unit)
 - Delivery includes practical torch holder
 - 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

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Version	Taurus 355
Setting range for welding current	5 A - 350 A
Duty cycle 40 °C	350 A / 40 % 300 A / 60 % 270 A / 100 %
Open circuit voltage	79 V
Mains voltage (ex works)	3 x 400 V
Mains tolerances (ex works)	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	18.8 kVA
Efficiency	88 %
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 / Steel
Spool diameter	D200/D300
Torch connection	Euro torch connector
Protection classification	IP23
Test mark	CE UK EAC S
EMC class	A
Dimensions (L x B x H)	636 mm x 298 mm x 482 mm 25 inch x 11.7 inch x 19 inch
Weight	36 kg / 79.4 lbs
Standards	IEC 60974-1, -5 and -10 CL.A