

## Taurus 355 • 405 • 505 Synergic S MM TDW

### MULTIMATRIX

/forceArc®  
/rootArc®  
/superPuls



#### drive 4X EX



#### drive 4X HP



#### drive 4X LP



- Water-cooled MIG/MAG welding machine with separate wire feeder; choice between drive 4X EX, drive 4X HP or drive 4X LP
- Adjustable start and end-crater functions
- Program operation with 16 programs per JOB
- Equipped at no extra charge with EWM certified Synergic characteristics for forceArc, rootArc and superPuls
- 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
- Large power reserves thanks to high duty cycle with all components heating up less as a result, guaranteeing a longer service life for machines when in use
- 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
- Infinitely adjustable arc dynamics (choke effect)
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- Equipped for 1.0 mm + 1.2 mm steel wire
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 6-litre water tank
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- Earth fault monitoring (PE protection)
- High mains voltage tolerances and therefore fully generator-compatible
- IP23 spray water protected
- Ideally suited for use with long hose packages
- Connection capability for remote control and function torch
- Trolley 55-5 trolley optionally available



Taurus	355	405	505
Mains voltage (tolerances)	3 x 400 V (-25 % - +20 %)		
Mains fuses (slow-blow)	3 x 25 A	3 x 32 A	
Open circuit voltage	80 V		
Setting range for welding current	5 A - 350 A	5 A - 400 A	5 A - 500 A
Duty cycle 40 °C	350 A / 60 %	–	500 A / 60 %
	300 A / 100 %	400 A / 100 %	430 A / 100 %
cos φ	0.99		
Efficiency	90 %		
Dimensions LxWxH in mm	625 x 300 x 865		
Weight	57 kg	61 kg	
Wire feeder, LxWxH in mm	660 x 280 x 380		
Wire feeder weight	13 kg		
Trolley dimensions L x W x H in mm	1015 x 505 x 1105		
Trolley weight	35 kg		