

Taurus 505 Steel puls S

090-005599-00502



WE ARE WELDING



- MIG/MAG pulse welding machine with optimised synergic characteristics for welding steel
- Pulsed MIG/MAG welding, MIG/MAG welding, MMA welding and gouging
- Significantly less spatter formation and therefore less finishing work thanks to the pulse function
- Welding with solid wire and flux cored wire
- **Drive 4X Steel:** Connection socket for electrode holder on the wire feeder as standard
- **Drive 4X Steel D200:** Adjustment of the gas quantity directly on the wire feeder via the gas control valve as standard.
- Factory-fit option: Extra gas valve for increased safety
- Infinitely adjustable arc dynamics (choke effect)
- Adjustable start and end-crater functions
- Synergic or manual welding 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
- High open circuit voltage for excellent ignition characteristics
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- IP23 spray water protected
- Connection capability for remote control and function torch (only up/down)
- Protective earth monitoring (PE)
- 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

| | MIG/MAG | MMA |
|-----------------------------------|---------------------------|-------------|
| Setting range for welding current | | 5 A - 500 A |
| Duty cycle at ambient t.e | 40 °C | |
| 60 % | 500 A | |
| 100 % | 430 A | |
| Open circuit voltage | 79 V | |
| Mains frequency | 50 Hz / 60 Hz | |
| Mains fuses (slow-blow) | 3 x 32 A | |
| Mains voltage (tolerances) | 3 x 400 V (-25 % - +20 %) | |
| Max. connected load | 24.6 kVA | 25.2 kVA |
| Recommended generator power | 33.2 kVA | 34 kVA |
| cos φ | 0.99 | |
| Efficiency | 90 % | |
| Dimensions machine, LxWxH in mm | 625 x 298 x 531 | |
| Weight, machine | 45 kg | |
| | A | |
| Insulation class | H | |
| | IP23 | |
| Approvals | S-Safety sign | |

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