

# DATA SHEET

## Set 1 x Sirion 405 puls


091-005720-00001




- Adjustable start and end-crater functions
- Multiprocess MIG/MAG pulse welding machine in a set, consisting of a welding machine, wire feeder, cooling unit, trolley and 5 m intermediate hose package
- **Drive 4X S with LP-S control:**
  - **Drive XQ with LP-XQ control:**
    - Direct access to all the important settings options
    - Quick change between innovative welding processes (without JOB switching)
    - "Favourites" buttons for quick selection of frequently used JOBS



**No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works**

- Synergic characteristics for EWM forceArc / forceArc puls, EWM rootArc / rootArc puls
- To find out more about our high-tech MIG/MAG arcs, please click on XQ-Process 
- Synergic characteristics for MIG/MAG standard or pulsed welding for steel/CrNi/aluminium
- Synergic characteristics for flux-cored wires
- Non Synergic operation for manual setting of welding parameters
- Also suitable for MMA welding, TIG welding and gouging
- Individually configurable programs for JOBS (welding tasks)
- Infinitely adjustable arc dynamics (choke effect)
- **Your benefits**
  - Welding torch, water-cooled with Cool 55
  - No additional mains connection required for cooling unit. Module power supply via welding machine
  - Connection to EWM XQvac high vacuum extraction system possible – please contact us
  - Energy-saving thanks to high efficiency and standby function
  - Best suited for use with long hose packages
  - Easy, tool-free change of welding polarity
  - IP23 spray water protected

Version	Sirion 405 puls
Setting range for welding current	5 A - 400 A
Duty cycle 40 °C	400 A / 60 %
	350 A / 100 %
Open circuit voltage	82 V
Mains voltage (ex works)	3 x 380 V - 400 V
Mains voltage (possible)	3 x 440 V - 480 V
Mains tolerances (ex works)	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	23.2 kVA
Efficiency	89 %
Power consumption Pi	23 W
Protection classification	IP23
Test mark	
EMC class	A
Dimensions (L x B x H)	625 mm x 298 mm x 531 mm
	24.6 inch x 11.7 inch x 20.9 inch
Weight	39.4 kg / 86.9 lbs
Standards	IEC 60974-1 and -10 CL.A