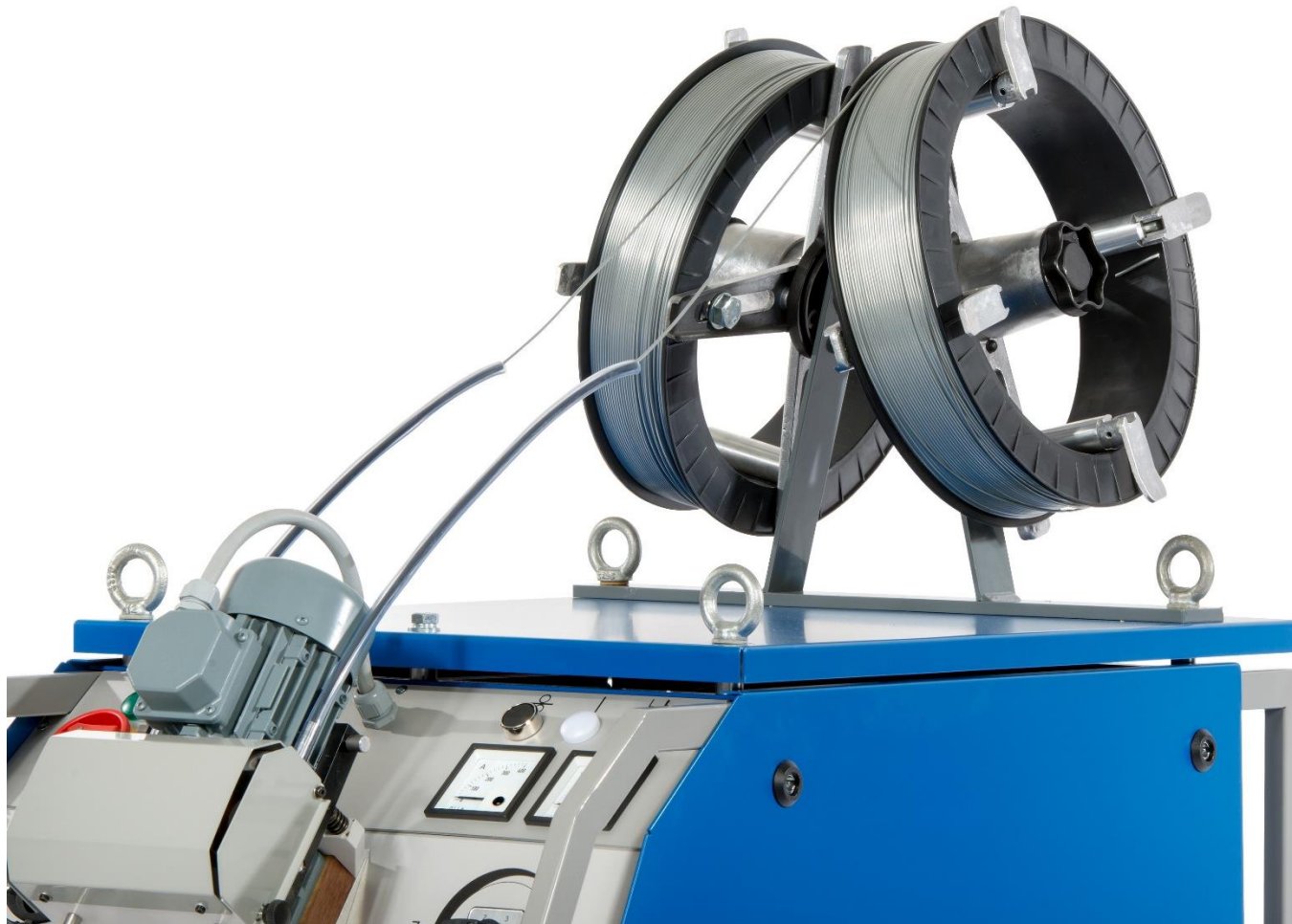


Overview

OSUCAS Arc Metalspray Systems



Our Anti Corrosion Systems

The lengths / diameters mentioned on the following pages refer to the standard equipment.
These can vary according to the wire to be processed and the application situation. Please contact us !

OC1



10 m
(up to 20 m)

OC Mini



7 + 3 m
(up to 12 + 3 m)

OC1 + Trolley



10 + 10m
(up to 30 + 10m)

OC200 Corr to OC380 Corr

OC1



8 m
(up to 19 m)

OC Mini



7 + 3 m

OC1 + Trolley



10 + 8 m
(up to 20 + 8 m)

OC600 Corr

Mini-auto
up to 600A



Schub5
up to 380A



HPG
up to 1.500A

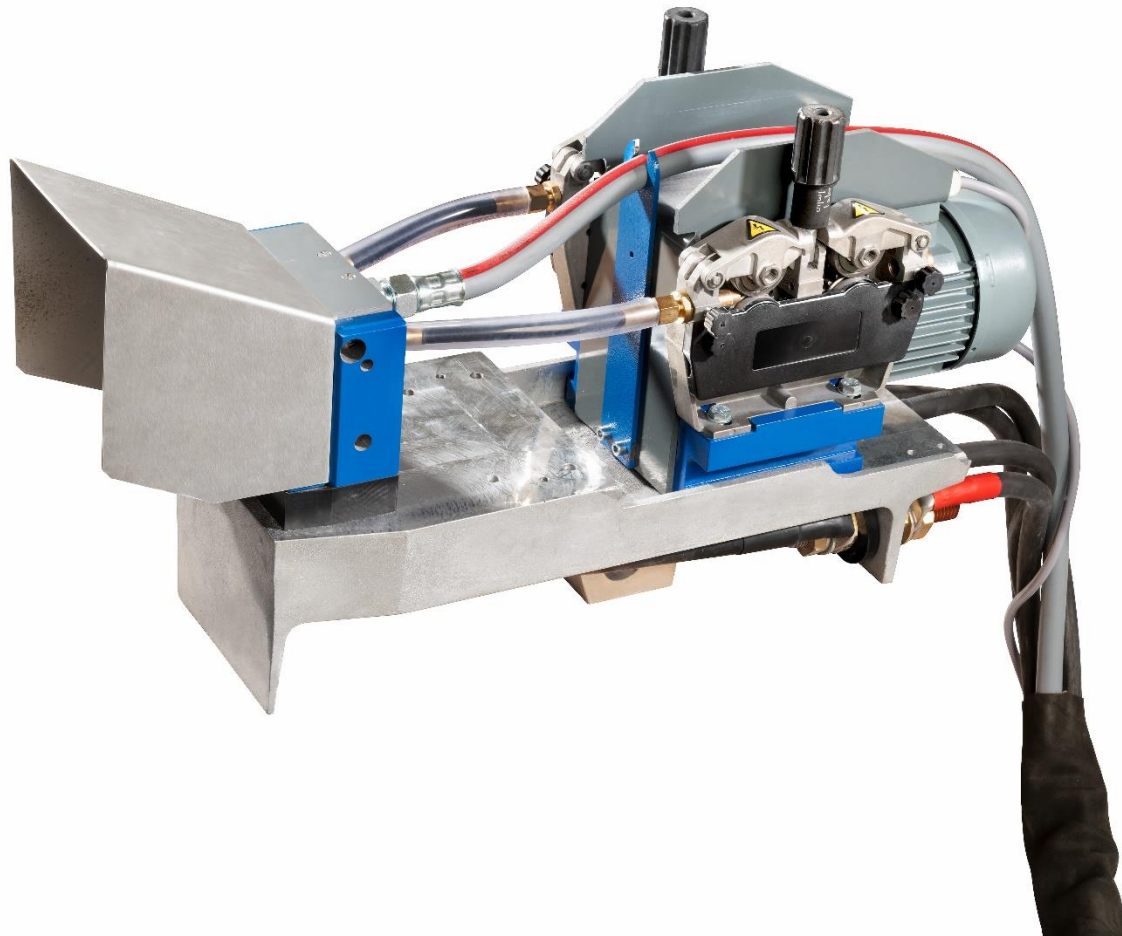


OC200 Corr to OC600 Corr



New HPG Spray machine

Auto spraying for up to 1.500 A (maybe more)



OSUCAS Modular System

OSUCAS Modular System

Configurations matrix

| System | OC1 | OC Mini | OC Mini (auto) | Trolley | Schub5 | LD/U2 | LD/U3 |
|-----------------------|-----|---------|----------------|---------|--------|----------------|----------------|
| OC380/600 (hand) | x | | | | | x ¹ | x ¹ |
| OC380/600 (auto) | | x | x | | x | | |
| OC380/600 (hand/auto) | x | x | x | | x | x ¹ | x ¹ |
| OC380/600 (trolley) | x | | | x | | x ¹ | x ¹ |
| OC380/600 (multi) | x | x | x | x | x | x ¹ | x ¹ |

¹ Can be integrated by adaptor.

Accessories and Spray wires



Angled spray extensions

- Length: 300 mm (others on request)
- Spray wire diameters 1,6-2,5 mm
- Ideal for spraying inside tubes (tube diam. min. 80 mm) or hard to reach areas



Straight spray extensions

- Length: 300 mm (others on request)
- Spray wire diameters 1,6-2,5 mm
- Ideally suited as quick release spray device when mounting position does not allow easy maintenance

Wire dispensers

- For wires from spools (hasp, Mig reel, basket)
- For wires from round drums (drum- \varnothing 505 & 574 mm)



Spray wires (according DIN EN ISO 14919)

- Spool and drum ware
 - Anti-corrosion wires
 - Technical wires
 - Cored wires



Technical data

Technical data power source OC380/OC600

| Technical data | OC380 | OC600 |
|---|--|--|
| Mains voltage | 3 x 400 V AC | |
| Mains voltage tolerance | ±5 % | |
| Mains frequency | 50/60 Hz | |
| Connection current | < 23 A | < 34,6 A |
| Main fuse | 32 A | 63 A |
| Connection power | < 15 kVA | < 24 kVA |
| Spray current max. (at 100 % duty cycle) | 350 A DC | 600 A DC |
| Open-circuit voltage | 26 – 39 V DC | |
| Spray voltage | 22 – 34 V DC | |
| Authorized spray wires and maximum deposition rates | Zn 38,0 kg/h ZnAl 33,0 kg/h Al 11,4 kg/h AlMg 10,6 kg/h | Zn 60 kg/h ZnAl 53 kg/h Al 18 kg/h AlMg 16 kg/h |
| Consumption compressed air (air motor) | 25 m³/h | |
| Consumption compressed air (atomizer air) | 60-100 m³/h | |

← Also available as 230/400 V AC (switchable)