



Valentek

Automation Solutions

AVC Welding

Automatic Voltage Control:

Automatic welding always under control

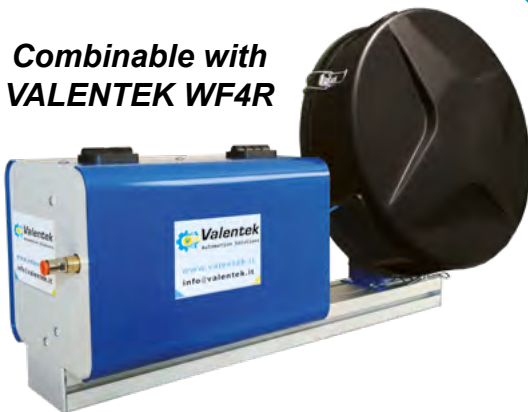
General Characteristics

It is basically a system with a motorised slide with ball recirculation, which is controlled by a **PLC control panel** and allows top welding:

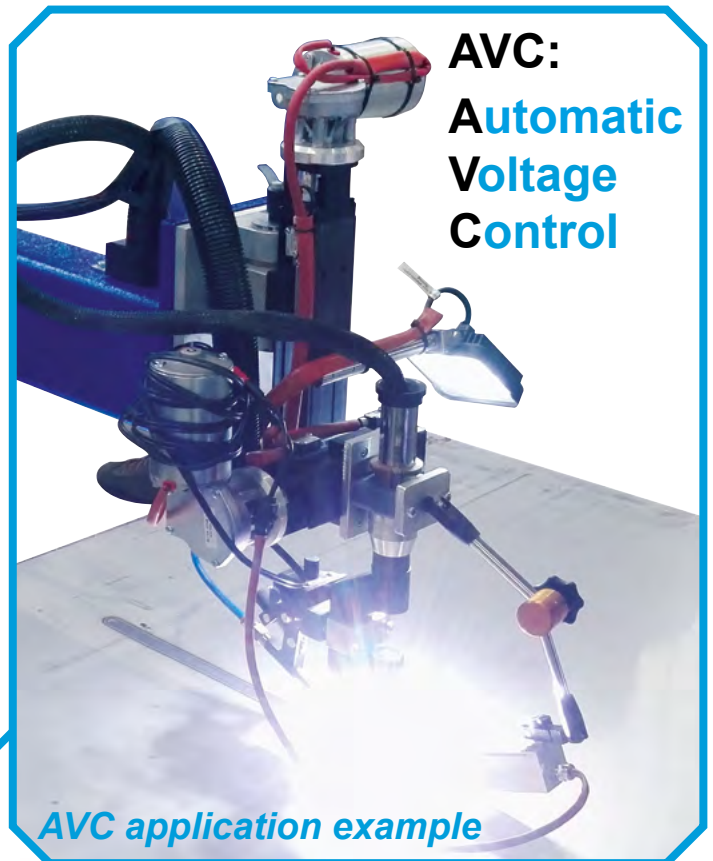
The **AVC** system allows constant welding conditions and distance to be maintained so that the best possible welding result is always achieved and automated.

Valentek AVC interfaces perfectly with any type of **TIG**, **PLASMA** or **MIG** welding generator.

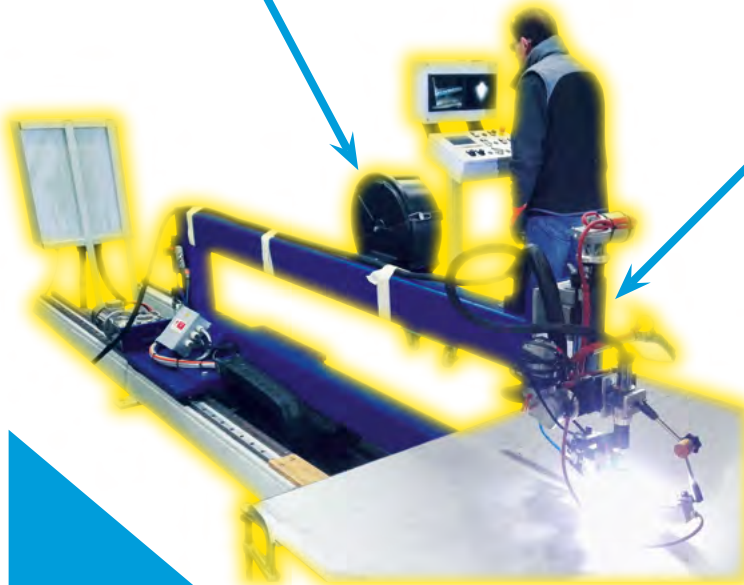
Combinable with
VALENTEK WF4R



AVC:
Automatic
Voltage
Control



AVC application example



Predispositions

The electronic management provided by Valentek via PLC, thanks to the Ethernet LAN communication port, also offers extensive interfacing and management capabilities via PC and Industry 4.0 smart systems (OPTIONAL).

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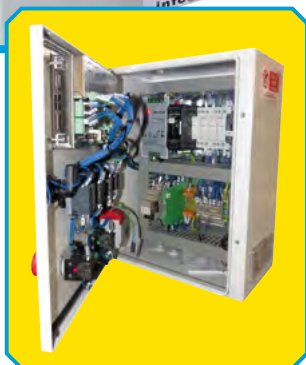




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The mind of the system



*Remote control
Optional*

AVC + OSC-L



**Combinable with
OSCILLATOR**

Technical features

Power supply	230 Vac / 50-60 Hz
Power consumption	100 W
Sensitivity	100 mV
Working voltage	0-100 Vdc
Collision alarm threshold (min-max)	0-100 Vdc
Alarm intervention delay	0-10 s
Sled control box cable (max)	30 m
Maximum sled load	15 kg
Weight of control box	10 kg
Control box dimensions WxHxD	400x300x200 mm
Motorised slides	da 50 a 500 mm

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