



WireSwitch

TPS/i Robotic

Thanks to the Fronius 2-in-1 system, you can boost automation and flexibility on your production line.

Automated wire changing

Weld two different materials alternately with one welding system: Welcome to WireSwitch. If a component is being welded with two different filler metals, an automated wire change can be performed within a matter of seconds.

WireSwitch is used on exhaust systems, where ferritic and austenitic steel is used as a filler metal. The system demonstrates the full extent of what it can do when welding different aluminum alloys at a single welding station or during multirun welding.

Reduce downtime

Another advantage of switching automatically between two wire drums is that it reduces interruptions that would otherwise occur when changing wires. This means that you can weld with virtually no downtime!

System option

- Gas and water-cooled systems
- Usage on hollow-arm robots



Precise and dynamic wirefeeding



Automated switching between two wire drums

Applications & benefits

The benefits for you

- Increase the degree of automation of your welding system thanks to automated wire changing within a matter of seconds
- Weld two filler metals on a single welding system, all while saving money and remaining flexible to the respective seam requirements: No second welding system required
- Reduce downtimes thanks to automated switching between two wire drums

Wire Switch

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Typical applications



Automotive exhaust systems

Switch between ferritic and austenitic steel for different seams on a single component



Waste recycling plant

Switch between two wire drums for overlay welding with high deposition rates and corresponding wire consumption



Container construction

Switch between ferritic and austenitic steel for different seams on one component or when different components are being welded at a single welding station.



Automotive battery trays

Switch between steel welding and brazing with CuSi