



made 4 ROBOTS

Dual Wire 2.0



Made for Robots.

Dual Wire 2.0

SKS Dual Wire

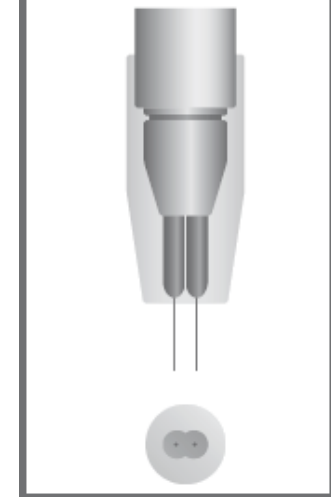


This torch systems is realized with standard SKS components and is welding with a single potential:

High material deposition rate,
high welding speed,
good accessibility,
easy cleaning

Additionally two separated cooling circuits for a longer lifetime of consumables.

Round Nozzle
Parallel Wires

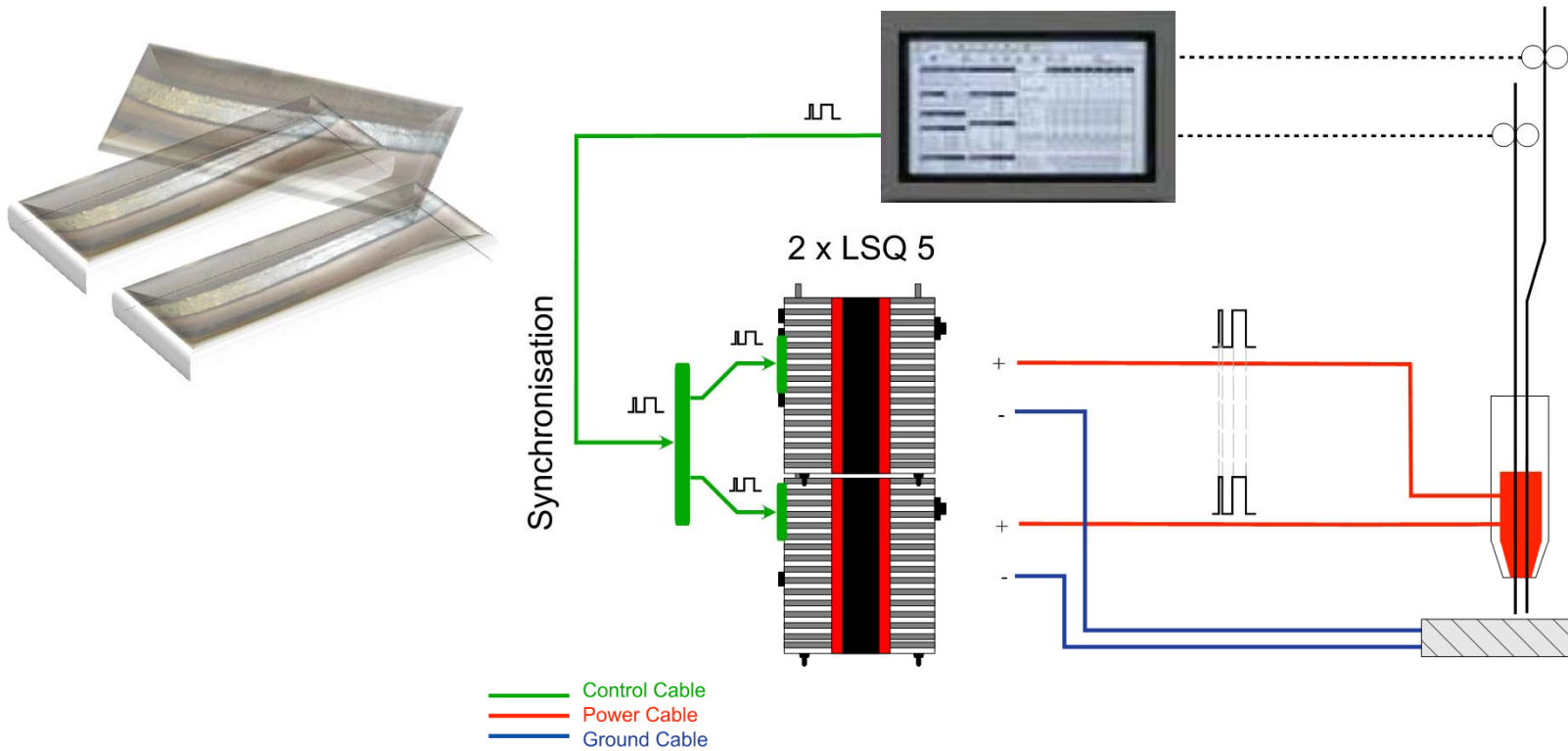




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SKS Dual Wire - a single potential

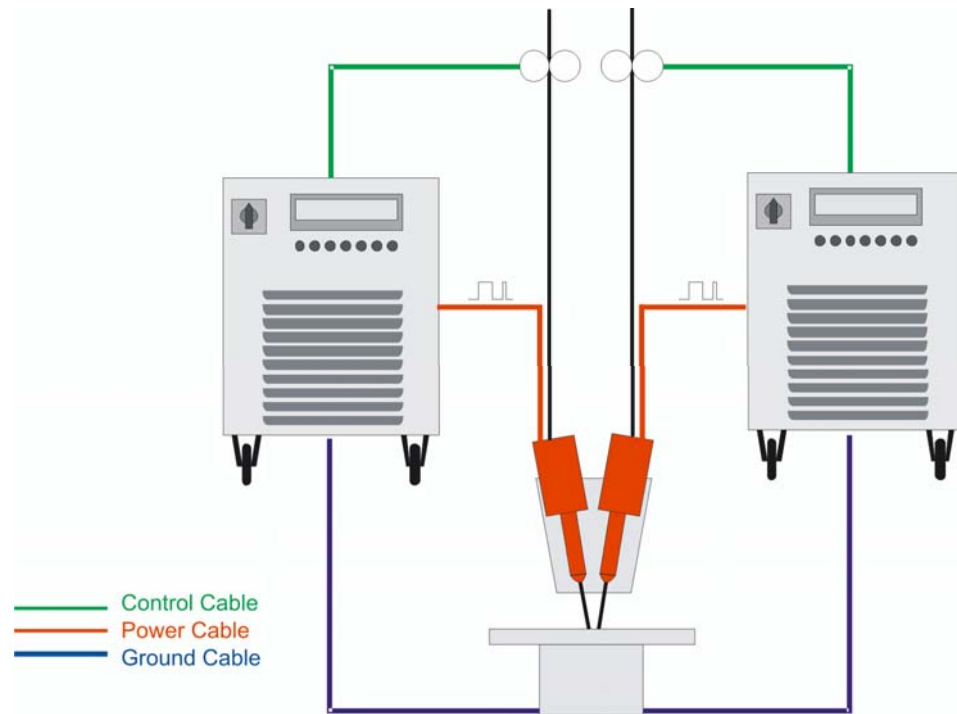




Dual Wire 2.0

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Other systems (Tandem) – separated potentials

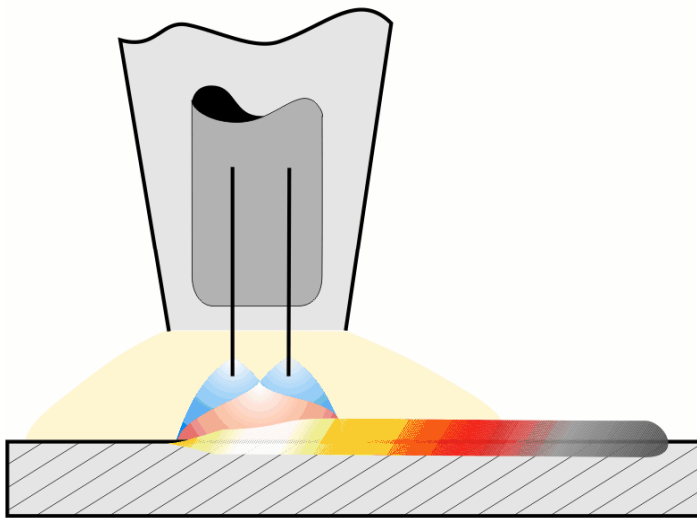




Dual Wire 2.0

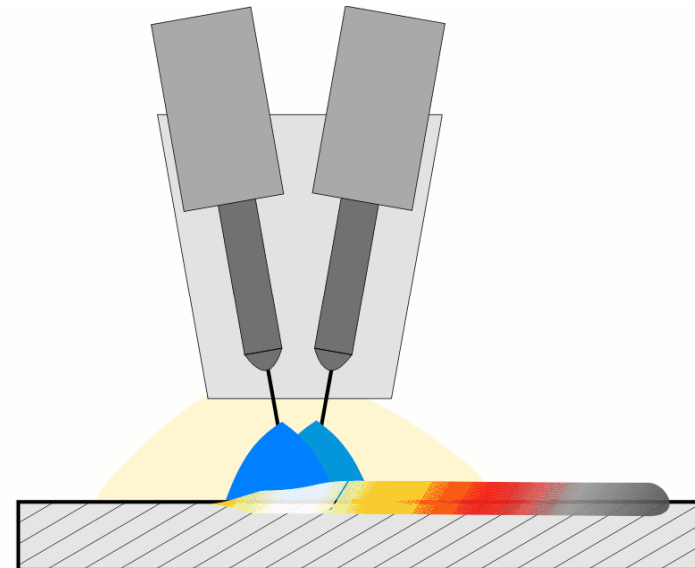
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SKS Dual Wire



Two wires provide a single arc and a common welding pool.

Other systems (Tandem)



Every wire has its own arc but a common welding pool.

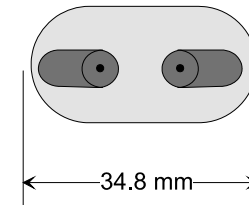
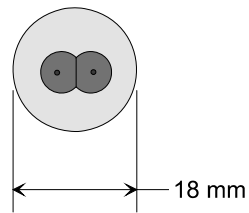
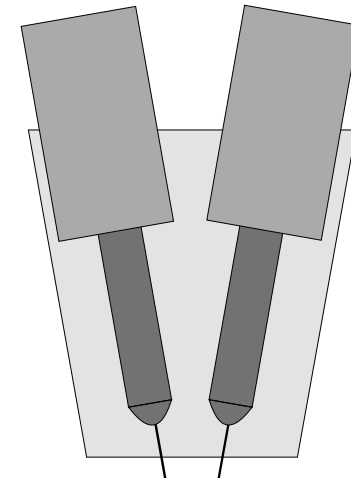
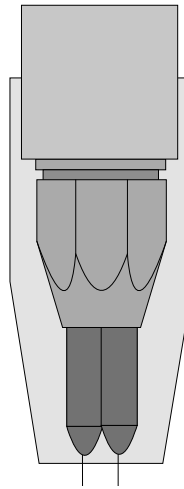


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Comparison (1)

left: Dual Wire
right: Tandem





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LSQ 5 Interconnect-Bus for doubling power

- 840 A, 60% duty cycle
- 625 A, 100% duty cycle

For dual wire applications two LSQ5 power sources are synchronized

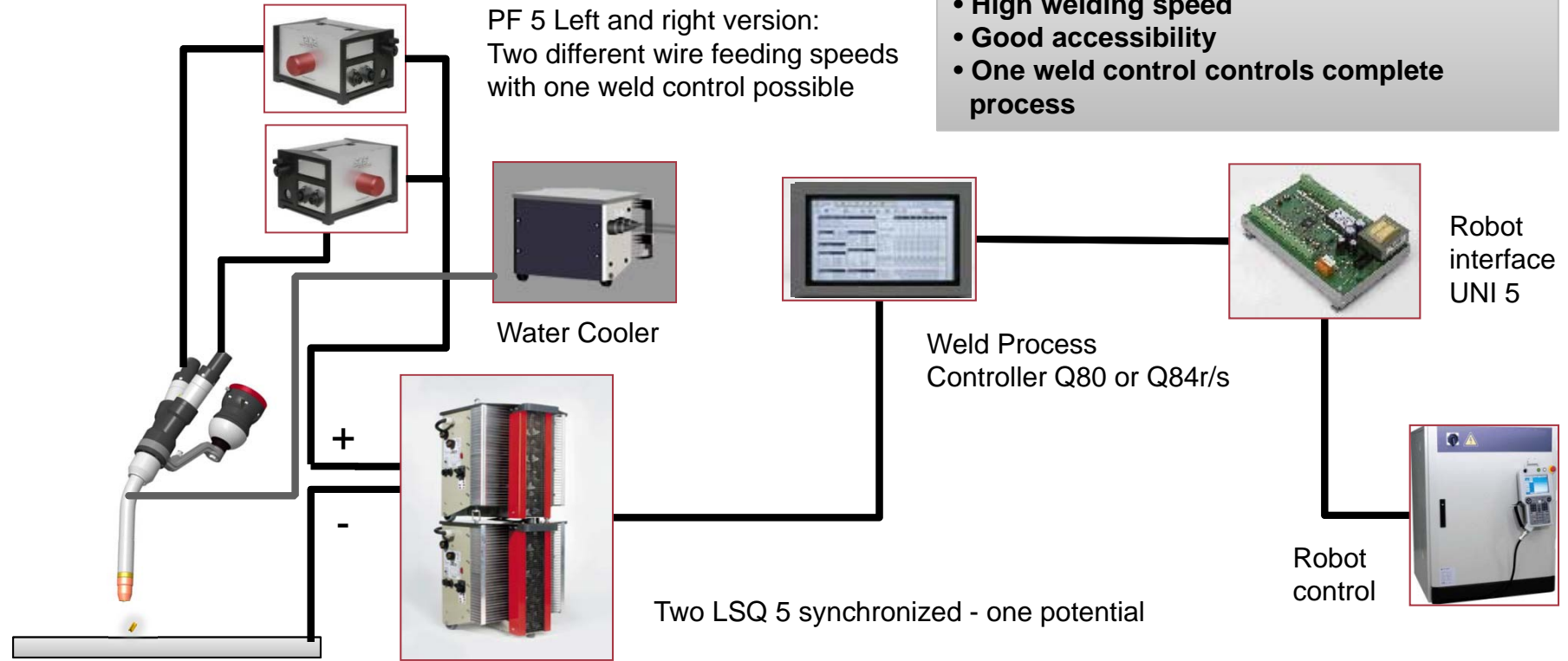
- Direct Control Technology DCT
- Weight 49 kg / 98 kg (wall mountable)
- 400 V / 480 V switchable
- Option: Watercooler



Dual Wire 2.0

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SKS – Dual Wire System



- Standard components
- Easy to install
- Good material deposition
- High welding speed
- Good accessibility
- One weld control controls complete process



Dual Wire 2.0

Tandem – Dual Wire 2.0

| Tandem | SKS Dual Wire 2.0 |
|------------------------------------|---|
| Oval gas nozzle – cleaning | Round gas nozzle – easier cleaning |
| Oval gas nozzle – accessibility | Round gas nozzle – advanced accessibility |
| Welding with two potentials | Welding with a single potential |
| Two weld process controllers | Single weld process controller |
| Two controllers must be configured | A single controller must be configured |



20 Years

**Design. Technology.
Performance.**

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