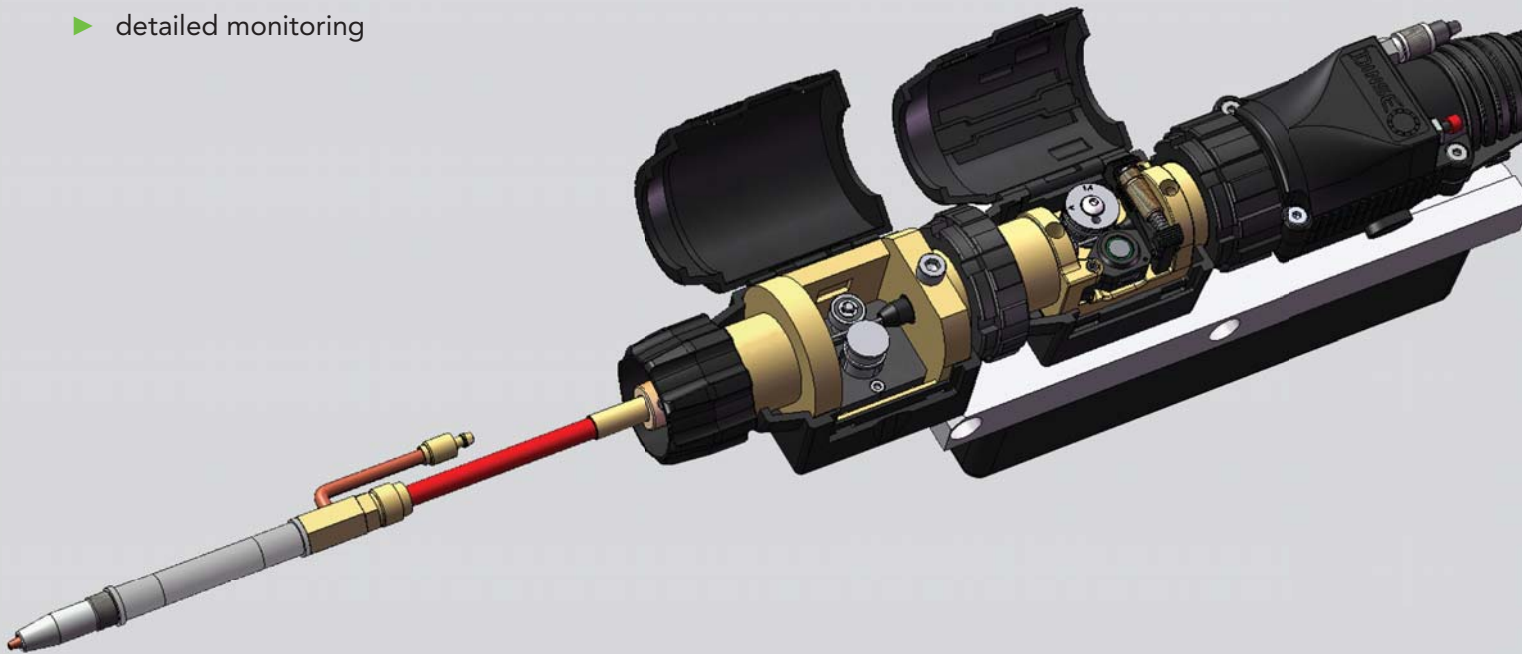


DINSE Wire Feeding System

"Precision for Laser Welding & Brazing Applications."

- ▶ two completely uncoupled drive units
- ▶ wire sensor for high-precision wire feed
- ▶ monitoring of wire speed and position
- ▶ microprocessor-based process control
- ▶ detailed monitoring



Dinse - for demanding processes.

Maximum production reliability for demanding processes. The use of filler wire provides key technological advantages: optimal material alloys, prevention of heat cracks with aluminum welding, reduced process temperatures during brazing and very good tolerance compatibility.

A particular strength of DINSE: the wire feed sensor for travel measurement, used for reproducible wire positioning and monitoring of the wire feed.



Intelligent wire feeding

With the DINSE PUSH-PUSH technology two completely decoupled drive units ensure wire feeding of the greatest precision, regardless of torsion, bending and length of the set. A rpm-controlled drive works as the master and checks the wire speed. The second torque-controlled unit functions as the slave.

Integrated wire feed sensor

The wire feed sensor measures the wire speed and ensures extremely precise wire positioning.

Visual process monitoring

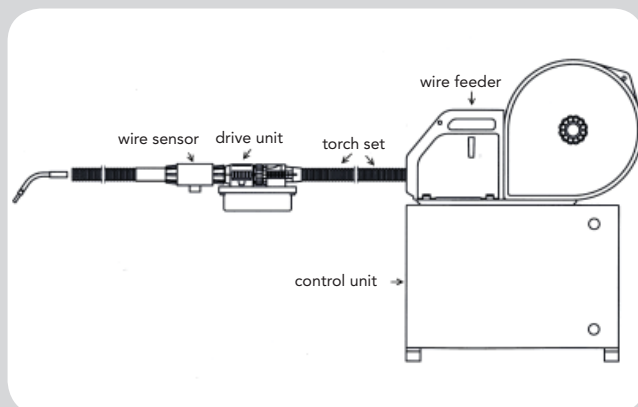
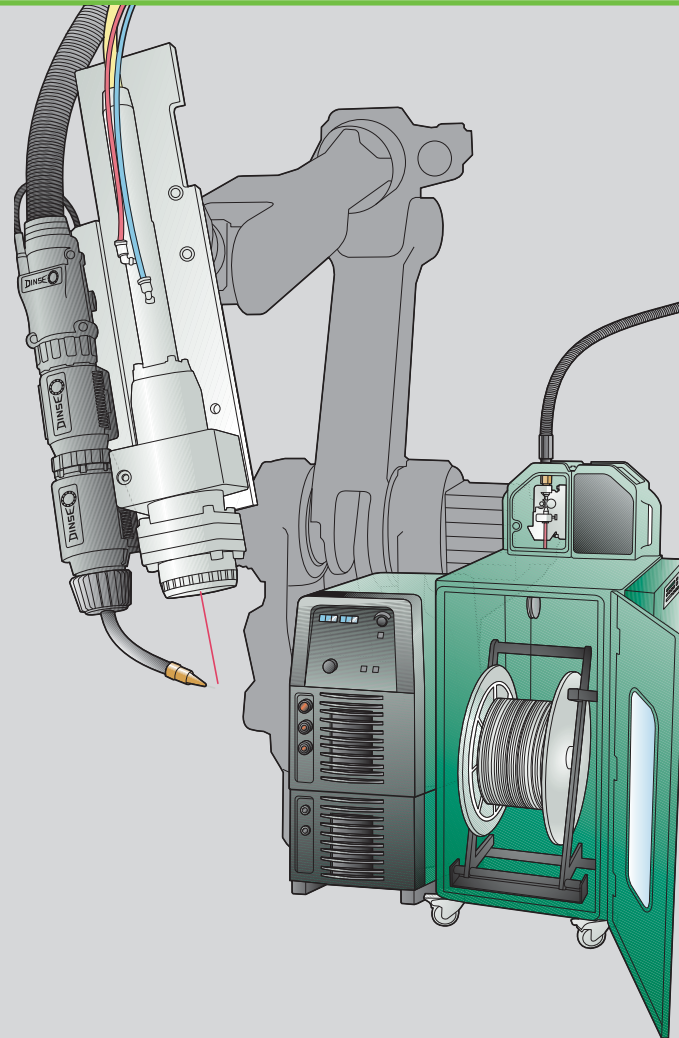
Wire feeding is monitored in real time and is recorded and visualized via software documentation.

Sophisticated control

The microprocessor-based control system is conveniently operated via a display. Setting the parameters is a snap. Interface connection to commercial bus systems is possible.

Diverse applications

The flexible process concept meets the highest demands in automated production. It is used, among other things, in vehicle and aircraft manufacturing and turbine and shipbuilding.



System components:

- | | |
|----------------------------|-----------------------|
| 1) wire sensor DIX DLS 200 | 2) drive unit LK 60 E |
| 3) torch set MEPTTZ 600 | 4) wire feeder WD 300 |
| 5) control unit WDE 320 | |

