

# Soldering Head SH5500<sup>®</sup>

## Intelligent technology for an automated soldering process



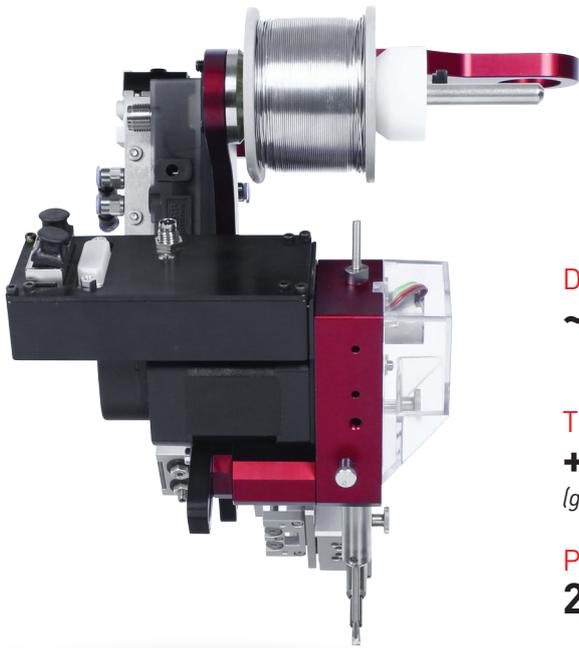
**All-in-one  
System**

**High-precision  
wire feeder**  
(DVS 1490<sup>®</sup>)

**Monitoring and  
traceability**

The **Soldering Head** combines the latest technologies  
in soldering in one system.

# Quick and simple integration on the robot



**DIMENSIONS**  
~250x250x250 mm

**TOLERANCE DVS**  
**+/- 0.1 mm**  
*(guide value)*

**POWER CONSUMPTION DVS**  
**24 VDC / 5A**

**TOTAL WEIGHT**  
**~ 4 kg**  
*(excl. wire)*

**SPEED DVS**  
**0.1 – 150 mm/s**

**INTERFACE DVS**  
**Digital I/O, RS-232,**  
*Profinet (optional)*

Subject to technical changes

## Advantages

- › **Quick installation**, start-up operation and maintenance
- › **Monitoring and traceability** (temperature, tin amount)
- › **Position controlled feeder**
- › **Simple controlling:**
  - › Wire feeder with RS-232 / Profinet
  - › Axis with Digital I/O
- › Work angle of soldering iron and wire **adjustable**
- › **Brushless-DC motor** in wire feeder DVS
- › **High-performance closed-loop control** in wire feeder
- › **Different soldering systems integrable**  
e.g. Weller, Erska, JBC, Metcal

## Soldering Head SH5500®

Base model with additional options

Standard incl.:

- › Pneumatic cylinder or electrical motor
- › Cleaning station
- › Wire adjustment unit
- › Cable length 5 m



0108888  
**Diagnosis wire end**  
Ø 0.23-2.0mm



DVS1490\_Profinet  
**Profinet card**



0109516  
**Suction front pipe**  
soft solder



KL1490L15  
**Cable length**  
15m