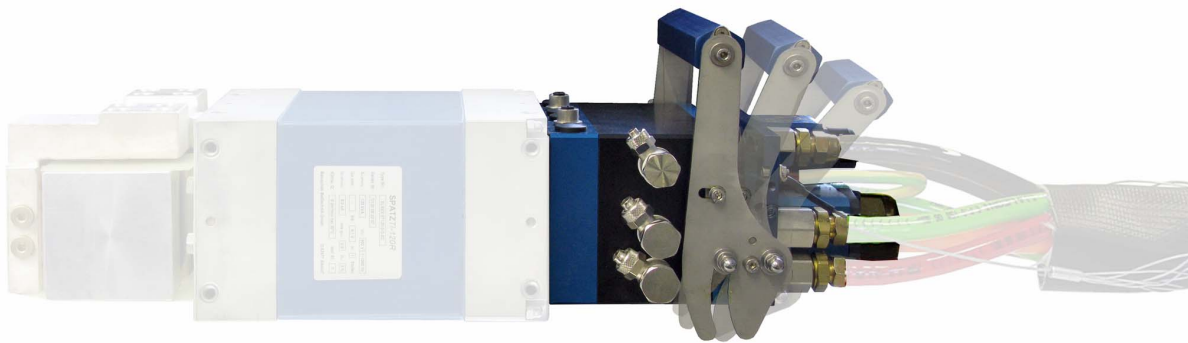


MATlock quick-coupling system

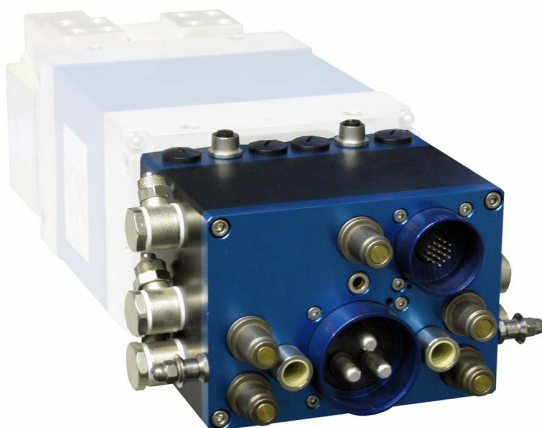
MATlock quick-coupling systems allow easy and fast docking of transguns and dies with inbuilt welding head and transformers to cabinet and weld timer. In combination with the **MASDAT** gun identification system the exchange of guns and dies can be carried out without the need of changing any programming of weld timers.

With the **MATlock** quick-coupling system the following wire and hose connections can be executed:

- 2 cooling water circulations, separate for transformer and electrode arms
- Air pressure for weld guns/dies
- Supply of primary weld current for MFDC transformer
- Sensory wires for current and voltage measurement and **MASDAT**
- Control lead for gun/die and transformer
 - Program selection
 - Pre- and working stroke
 - Release of weld current
 - Bi-metal contact
 - Weld Stop
 - Weld current on/off



MATlock-TR52: For connection to transformer



MATlock-CL52: For connection to weld harness of weld cabinet

