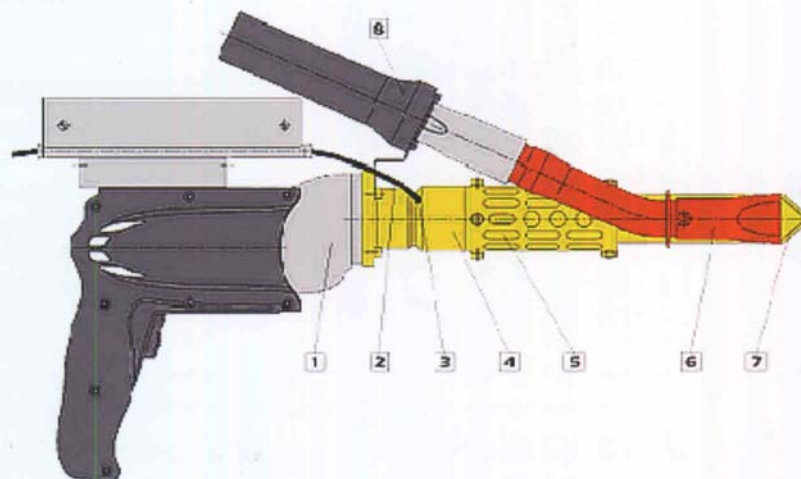


Functional Principles of a Hand Extruder

Driven by an electric motor (1), the welding rod (2) is fed to the extruder (4) via the rod feeder. On its passage to the melting chamber (5), the welding rod is granulated by the extruder screw. In the melting chamber, the granulate is melted down to a homogeneous mass before exiting the extruder nozzle.



In parallel with the extrusion process, the parts to be jointed are heated to welding temperature by preheat air supplied via preheat nozzle (6). The molten extrudate is deposited on the preheated parts to be joined and formed into a weld seam by the welding shoe (7).

MUNSCH hand extruders are operated with an integrated blower for air supply to the preheat air unit (8).