



Ball welding



Application of ball welding

Ball welding opens up new possibilities in the field of stud welding technology. Besides weld studs and pin-shaped weld fasteners, it is now also possible to quickly and securely weld steel and stainless steel balls onto metallic workpieces. This innovation offers major user benefits and opens up new fields of application for the entire metalworking industry.

Technical data

Dimensions:

Material:

Welding process:

Field of application:

Ball feed:

System components

- **Source of energy:**
- **Feeding device:**
- **Stud welding gun:**
- **Bench mounted system:**
- **Stud welding head:**

Balls from 2 - 12 mm in diameter
Steel and stainless steel
Short-cycle drawn arc stud welding
Mobile and stationary use
Fully automatic feed

BMK-16i stud welder
UVR-300 universal feeder
PH-3A
PTS-2 (stationary use)
SK-5AN (stationary use)

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Ball welding in practice

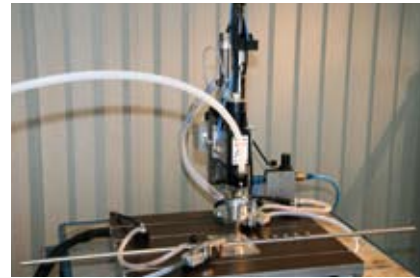
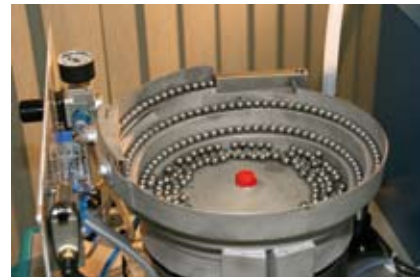
Ball welding is suitable for both mobile and stationary use. The balls are transferred from the UVR-300 bowl feeder via a separator into the feed tube and are fully automatically loaded into the PH-3A welding gun or SK-5AN welding head.

The PTS-2 stud welding machine allows automatic loading in a fixed position weld head. The BMK-16i stud welder serves as a source of energy for both mobile and stationary use.

The balls are loaded into a special made ball chuck and welded onto the workpiece. Ball welding produces high-quality, optimal welds with an excellent decorative appearance and is ideal for use in the metal furniture industry.

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