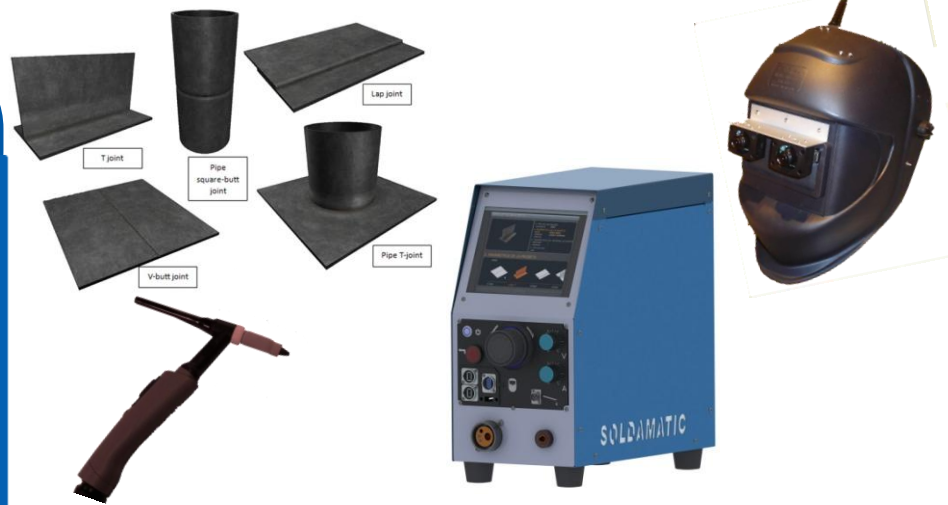


FEATURES

- SMAW, GTAW and GMAW welding processes supported.
- Real welding tools and environment.
- Augmented Reality (AR) 3D vision technology.
- Classroom network configuration system with specific teacher software.
- Economic and affordable for most budgets.
- Up to 40% real workshop cost savings.
- Green eco-friendly technology without gas emissions.
- Compact size and lightweight.
- Remote real-time maintenance and upgrades.



SOLDAMATIC welding trainer has been designed for educational and training purposes, and incorporates the most innovative and advanced techniques of simulation training to provide a real welding workshop environment.

System composed by a Master-software that is network connected to the required number of Student-simulators, setting up a Classroom configuration where the Master controls and evaluates each student individually from his own computer.

The Augmented Reality technology generates enhanced and very realistic welding-like graphics over a real-world environment. The student works with real torches, welding mask and workpieces in a real environment achieving the most realistic simulation experience ever.

The specifically designed welding software performs all the welding process as if it was real: weld pool and beam, smoke, sparks, filler material cooling, heat-affected zone, cracks, gas inclusions (porosity), gravity, undercutting, and also performs the most usual welding workpieces and joints: V-butt joint, lap joint, T-joint, pipe square-butt joint and pipe T-joint (1F, 2F, 3F, 4F, 1G, 2G, 3G, 4G, 5G y 6G).