



TUCKER® Aluminum Stud Welding

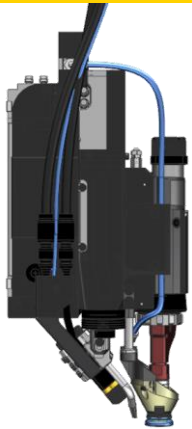
Technology-leading automated no-hole fastening for lightweight aluminum materials



TUCKER CleanJet TH539

The leading aluminum surface contaminate cleaning device

APPLICATION



Tucker® CleanJet TH539 is with your weld head to automatically spot-clean aluminum and create a prime surface for stud welding

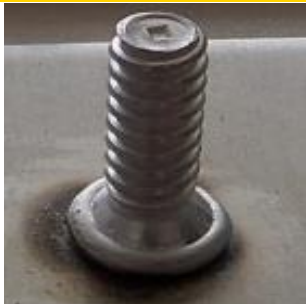
- Superior cleaning results compared to manual cleaning with acetone
- Surface dry lube & oil is burned, vaporized and blown aside
- No smolder, smoke or ozone
- Minimal heat transfer

- ✓ Plasma Cleaned
- ✓ ~2s max cleaning
- ✓ Fully automated

BENEFITS

Weld Improvements

- Single-digit PPM
- Increased Joint Strength
- Process Stability



Enhanced Sustainability

- Less part washing
- Reduced rework
- Cost savings

TUCKER NO-HOLE STUD WELDING

EST. 1967

SINGLE-SIDED ACCESS

CORROSION PROTECTION

100% SEALED

FULL FLEXIBILITY

IN DESIGN

MANUFACTURE

FLEXIBILITY

STEEL

STAINLESS STEEL

ALUMINUM



STANLEY ENGINEERED FASTENING FAMILY OF BRANDS

AVDEL

INTEGRA

NELSON

OPTIA

POP

STANLEY
Assembly Technologies

TUCKER