



Blown away... Static Solutions Stat Gun

Lucid group design for industrial products

Improving process quality...

Working with new technologies, Lucid's team designs tools that improve business performance

We developed safe, rugged tool and powerful brand identity for a new paint finishing technology

The brief

Static attracts dust to plastics. It reduces finish quality and increases re-work. Until now solutions included ionising, generated by radioactive elements, or high voltages, blown onto surfaces before painting

Static Solutions develop new ionising technologies and came to us to create a unique device, to improve professional spray paintwork quality

Brief

Lucid's challenge was to create a portable, non-radioactive ionising solution to plug into a spray gun's compressed air supply

Approach

Lucid's designers shadowed spray painters and videoed spray shops. Our team created a series of sketch designs and returning to the spray shop to test a range of basic models

The breakthrough

We agreed on a design that painters found fastest and most easy to control—it was weighted similarly to their spray guns

Tight deadlines meant parts had to be right first time. Lucid located and liased with Chinese manufacturers

Moldflow simulation further optimised designs and rapid prototypes were tested before commencement of tooling

Result

We delivered a turnkey package, liasing with electronics developers in Sweden, manufacturers in China and a UK based EX test house

Stat Gun is unique in it's ability to improve the paint finishing, safely comfortably and free of regulations affecting it's storage and use

