



TIGRES
Dr. Gerstenberg GmbH

Pretreatment of fibre enforced plastic sheets

Task

Semi-automatic working place for the treatment of slightly curved fibre enforced plastic plates before gluing

Strong treatment at the edge

Five different products

High efficiency

Homogeneous treatment

Flexible in regard to future products

High availability

Environment-friendly

Use- friendly

Solution

Korona-GUN®-Multi: 5 x 5 GUN-heads mounted in 2 rows.

Plasma-BLASTER at the edge

Five substrate carriers

Surface energy > 45 mN/m on fibre enforced plastic

Automatic distance adjustment of all electrodes

Substrate carriers, PLC-control and modular design of electrodes and power supply

Modular design of all components

Ozone absorber; treatment replaces chemical priming

Sensors for position surveillance of the parts, security-two-hand-operation

