

S3 Slotnozzle System

Homogenous - Scalable – Flexible

Scalability

Increasing the treatment width by apposition of single plasma nozzles.

Flexibility

Variable treatment width due to individual control of each single nozzle.
Also possible during operation.

Homogenous treatment

Suitable for i.e. thermal sensible substrates/processes due to a homogenous treatment and low temperature impact.

Adjustable power

300 W to 500 W

Service

Plug & Play fixture of single nozzles, simple exchange of electrodes

Process security

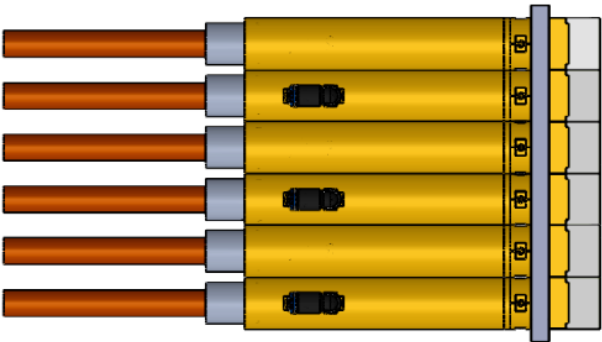
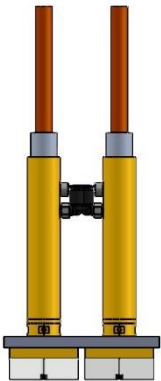
High process security due to separate monitoring and control of each single nozzle.

Easy integration

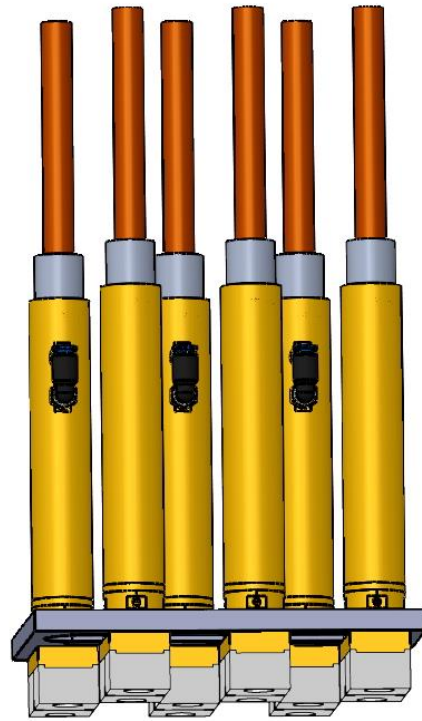
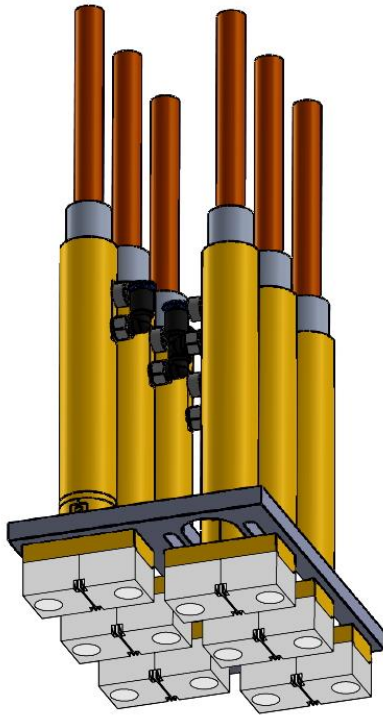
Individual fixture for several plasma heads

Tool	T-SPOT S3
Treatment width ¹⁾	Up to 20 mm / nozzle
Distance to substrate ²⁾	2 – 4 mm
Measures (H / Ø) mm / plasma head	140 / 20
Measures (H / W / D) mm / Slotnozzle	20 / 42 / 20
Weight approx. / plasma head	350 g
Power / plasma head	300 – 500 W
Pressured air, 6 bar	30 l / min each nozzle

Depends on application: ¹⁾Material, ²⁾Linespeed, ³⁾Distance

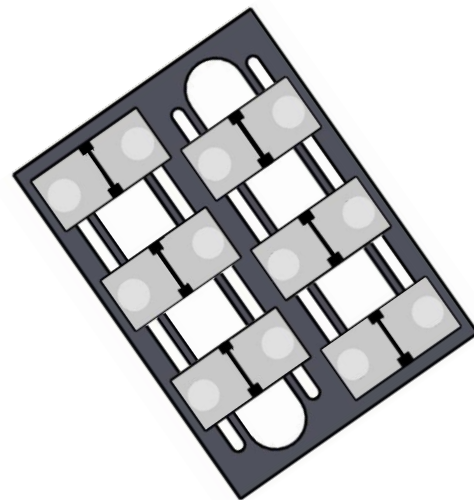


Please ask for drawings

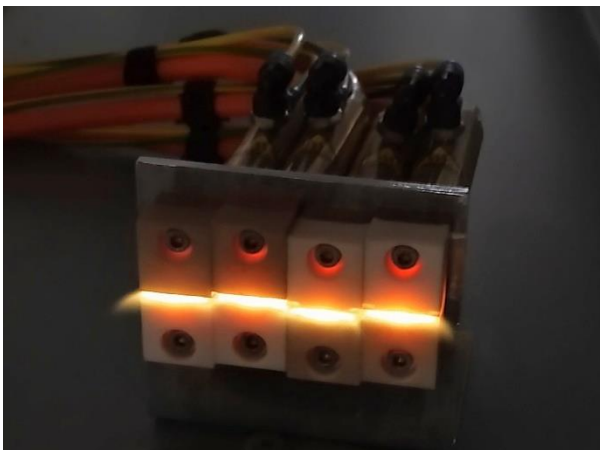


The developed fixture for getting the highest possibility in variation for each nozzle gives the most flexible scalability for each treatment width.

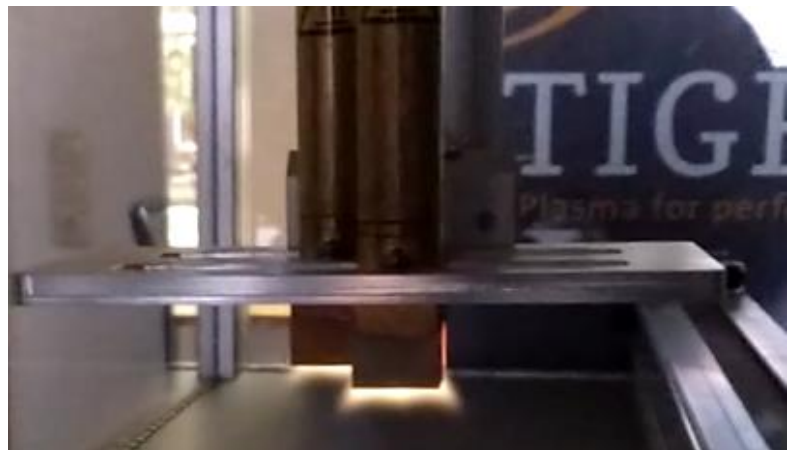
The possible network between several generators of the M-series offers a concept without any borders in terms of controlled homogeneous plasma treatment in width.



Samples for possible fixtures:



Fixture for rotationally products



Fixture for flat products