

# Scantech 3D laser scanners for Copying and Reverse Engineering



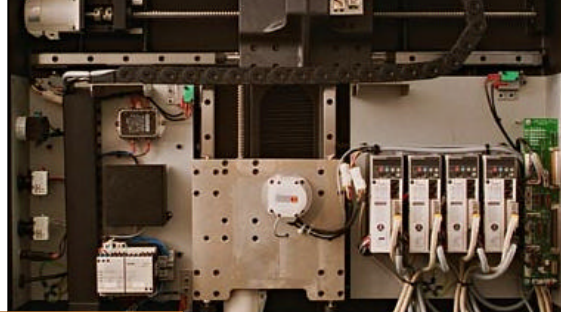
St600

Scantech

# Now you can scan the world - flat or round

**Scantech** is a Danish manufacturer of high accuracy 3D laser scanners and Copying CAD/CAM. Our experience is based on more than 300 installations world wide in **Copy milling** and **Reverse Engineering**.

St600 a high speed 3D laser scanner machine. Easy to use 4 axis digitizing machine for shoe, mould and die makers. Reliable and precise way to get odd shapes into production.



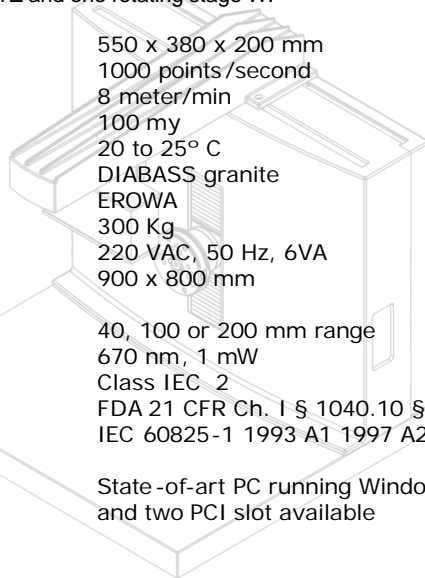
## St600

Machine body casted in aluminum for high stability. Panasonic 4 axis AC-servo system. Three linear axis XYZ and one rotating stage W.

Working envelope	550 x 380 x 200 mm
Scan rate up to	1000 points/second
Scan speed up to	8 meter/min
Accuracy	100 my
Operating temperature	20 to 25° C
Base plate	DIABASS granite
Fixture system	EROWA
Total weight	300 Kg
Power requirements	220 VAC, 50 Hz, 6VA
Footprint	900 x 800 mm

3D laser scanner	40, 100 or 200 mm range
Semiconductor laser	670 nm, 1 mW
Laser protection	Class IEC 2
Conforms to standards	FDA 21 CFR Ch. 1 § 1040.10 § 1040.11 IEC 60825-1 1993 A1 1997 A2 2001

PC requirement State-of-art PC running Windows and two PCI slot available



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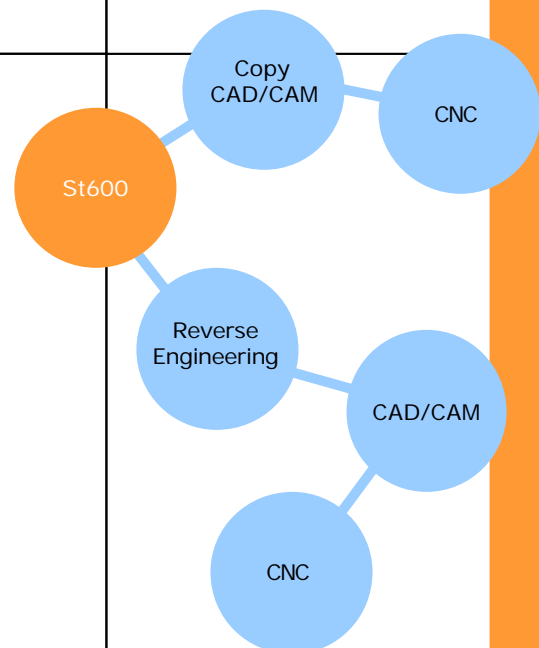
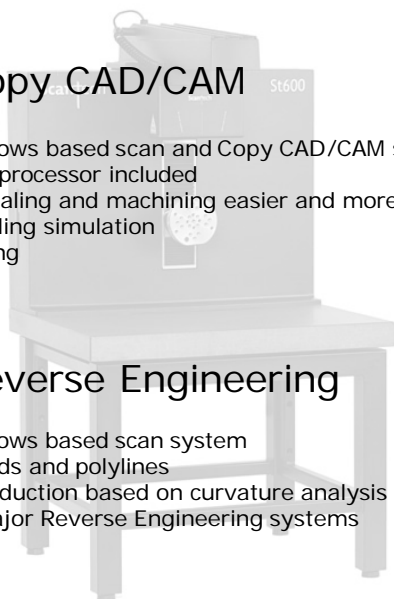
Scanner machines, portable systems and scanners for direct mounting on CNC and CMM machinery

## St600 + Copy CAD/CAM

- + Easy-to-use Windows based scan and Copy CAD/CAM system
- + Generic ISO post processor included
- + Makes copying, scaling and machining easier and more precise
- + Photo realistic milling simulation
- + Script programming

## St600 + Reverse Engineering

- + Easy-to-use Windows based scan system
- + Digitize point clouds and polylines
- + Automatic data reduction based on curvature analysis
- + Interface to all major Reverse Engineering systems



Scanner 3D : SCAN technology