

An Introduction to 3D Scanning and Generative Design



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CREAFORM

WHO IS MSL?

- 2 Office Locations Silverstone + Derby
- 3000+ UK Creaform Installations
- 25 Years Experience in Metrology Est 1998
- Key Partners for :







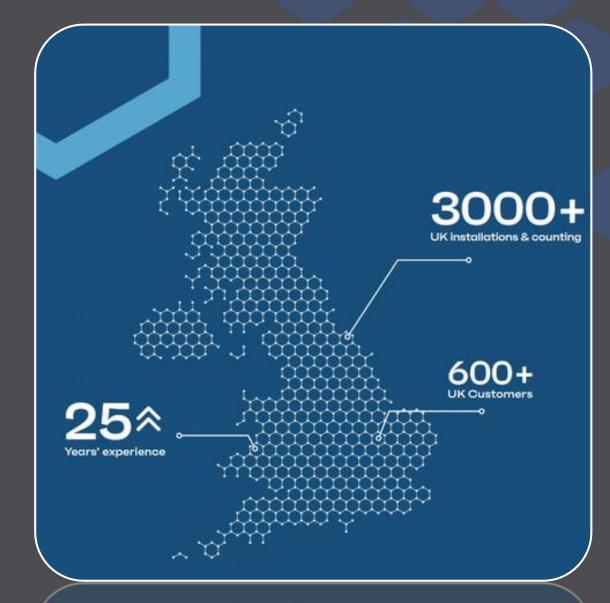






















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THE FASTEST AND EASIEST 3D COLOUR SCANNING **EXPERIENCE**



GO!SCANSPARK

ACCURACY Up to 0.050 mm (0.0020 in)

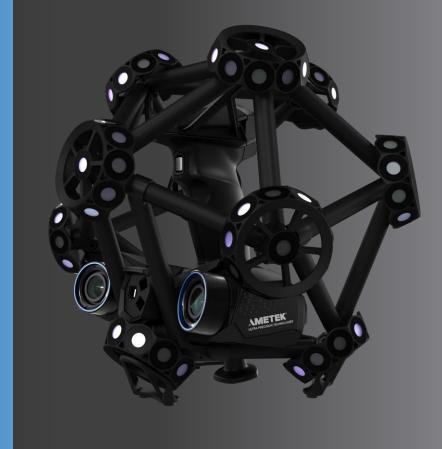
VOLUMETRIC ACCURACY 0.050 mm + 0.150 mm/m (0.0020 in + 0.0018 in/ft)

THE TRULY PORTABLE METROLOGY-GRADE LASER SCANNER



ACCURACY 0.012 mm (0.0009 in)

VOLUMETRIC ACCURACY 0.020 mm + 0.040 mm/m (0.0008 in + 0.0005 in/ft) LARGE VOLUME "TARGETLESS" 3D SCANNER FOR THE SHOP **FLOOR**



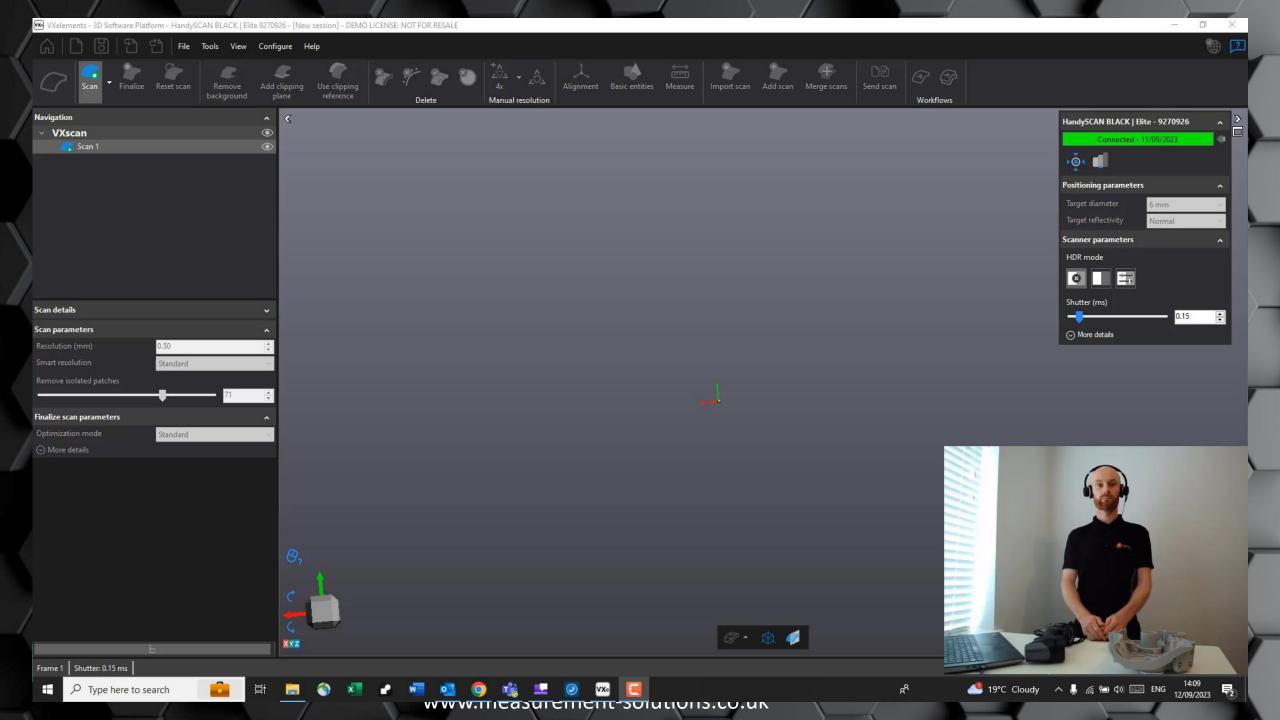
ACCURACY 0.025 mm (0.0009 in)

VOLUMETRIC ACCURACY 0.064 mm (0.0025 in)

HANDYSCAN

METRASCAN



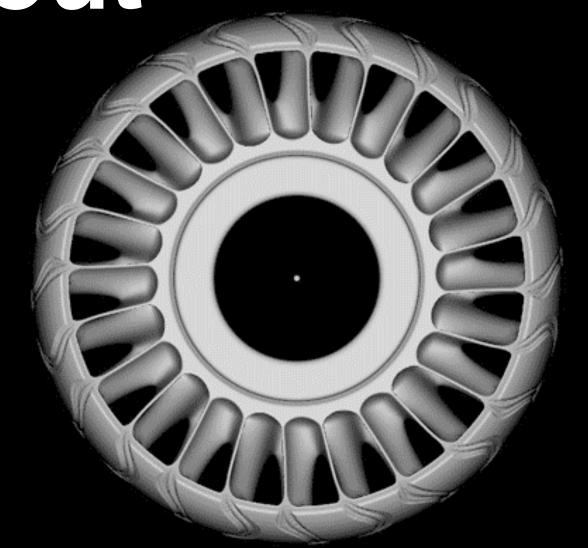


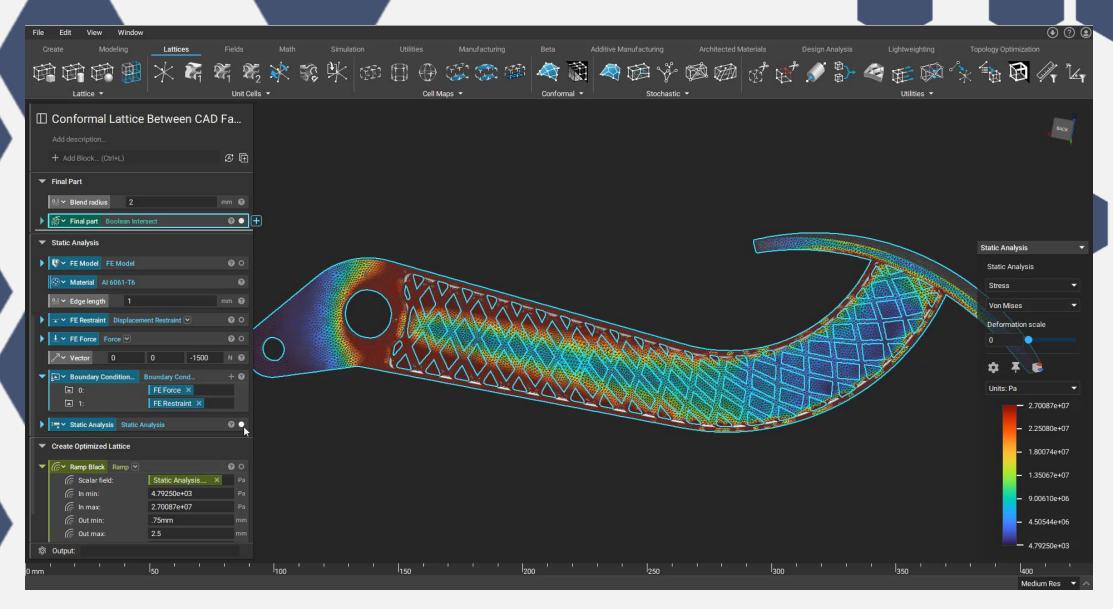


Design Without Boundaries.

How I can draw it in CAD

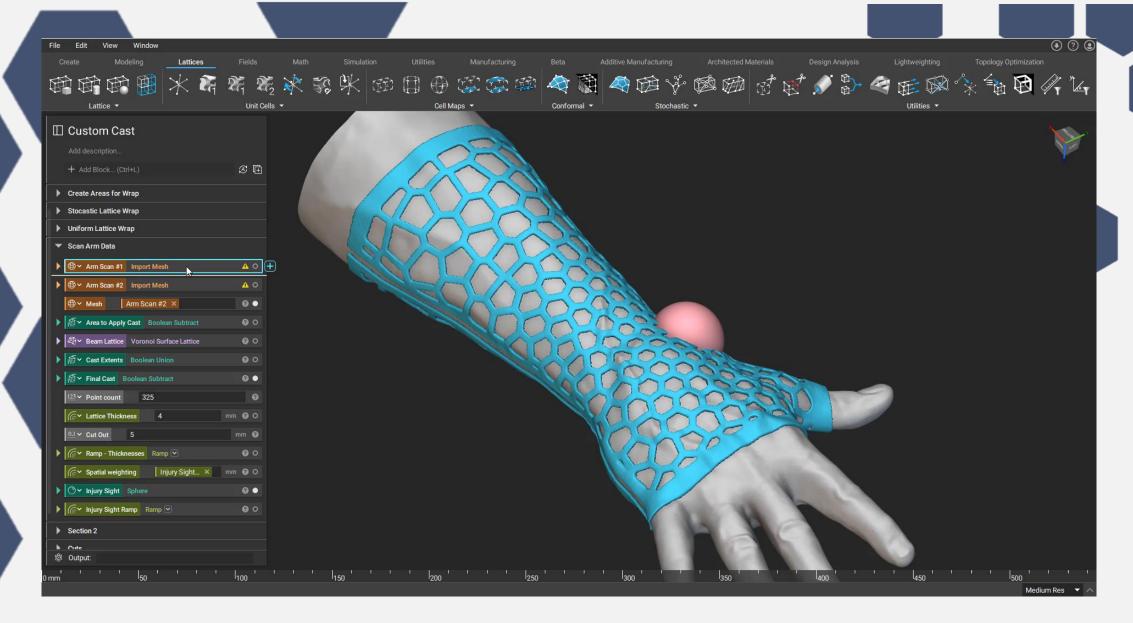
How I can solve the fundamental design challenge





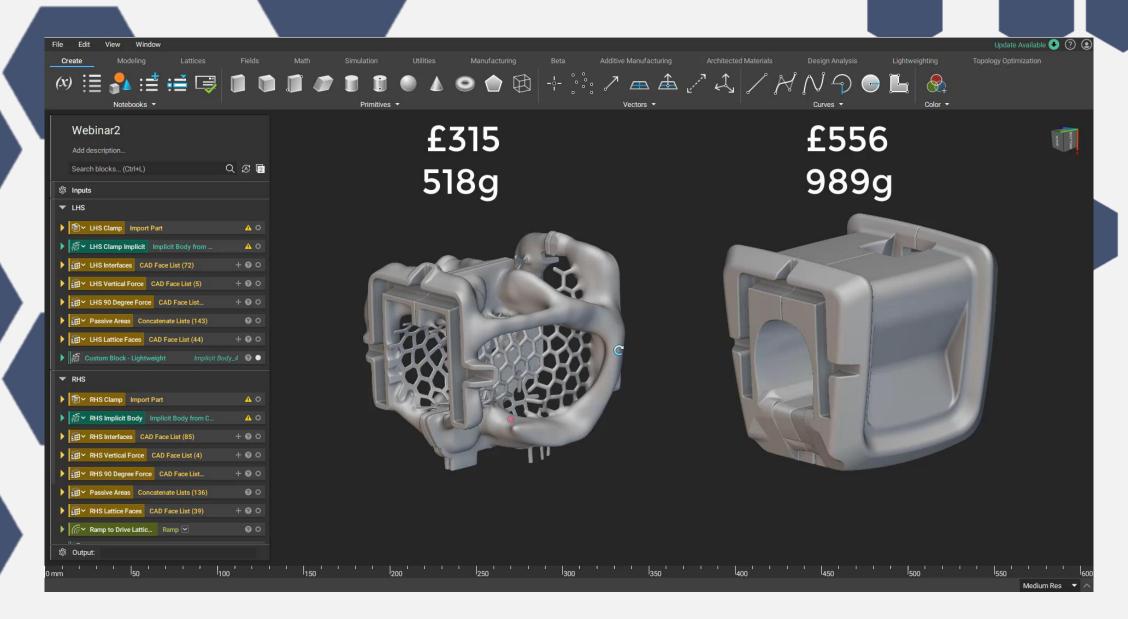




















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M-Sport World Rally Tier 1 Supplier

- FIA regulation measurements required for each car
- Space envelope analysis (rear wing to body of car)
- Improvement to design and manufacturing tolerances
- Pre and post race measurements
- Design and fitment optimization



LIVE DEMO EXAMPLE





MORE INFO Here:

