



# POLYSHOT SURFACING FOR YOUR PARTS WITH THE DYEMANSION POWERSHOT S

The leading blasting process for surfacing your high quality end-use parts

## FIELDS OF APPLICATION

- ✓ Consumer
- ✓ Industrial
- ✓ Mobility & transport
- ✓ Medical & more

### Useful links

- 📺 Youtube: Explained: the Powershot S
- 🌐 Powershot S webpage
- 📄 Industries & Case Studies



## ADVANTAGES & IMPROVED PART PROPERTIES

- ✓ Proprietary surface treatment process tailored to the additive manufacturing industry
- ✓ Delivers a unique semi-gloss surface with pleasant haptics
- ✓ Geometric accuracy: non-abrasive mechanical smoothing process that evens out peaks & valleys without removing material
- ✓ Homogeneous surface quality sets the foundation for superior coloring results
- ✓ Improves scratch resistance
- ✓ Guarantees a reproducible process

## DESIGN GUIDELINES

- ✓ Maximum part size: approx. 300mm x 300mm x 300mm
- ✓ Minimum gap size: 1mm
- ✓ Surface treatment of ducts & indentations is possible, however deep channels or pockets should be avoided
- ✓ Further design guidelines [here](#)

## COMPATIBLE MATERIALS & TECHNOLOGIES

- ✓ Compatible with hard materials available for powdered bed printing technologies such as PA12, PA11 (and many more)



## CERTIFICATIONS

- ✓ Approved biocompatibility (cytotoxicity & skin irritation)
- ✓ Scratch resistance

before

after

