Needle

Photogrammetry Report.

Component

Image Data	
Orientation Report	
1. Number of input data	187
2. Registered images count	106/187
3. Points count	23459
4. Total projections	62530
5. Average images per tie point	2.66
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.33
8. Mean reprojection error [pixels]	0.47

Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	4680682
2. Low Poly Triangle count	74992

Fig. 2 – High Poly

Fig. 3 – Low Poly

Texturing Report.

Roughness and Texture Correction

Fig. 4 – Before texturing with SP

Fig. 5 – After texturing with SP

PBR Textures
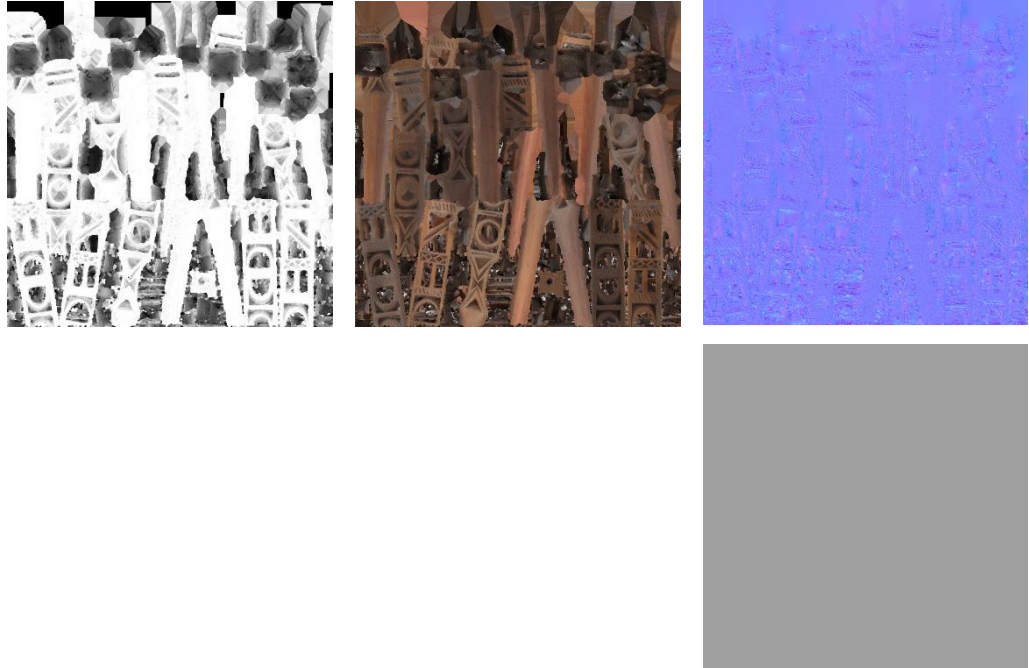

Fig. 6 – AO, Diffuse, Normal (top), and Roughness (bottom)

Blender Report.

Rendering

Fig. 7 – Rendered image of the final model

Fig. 8– Final model rendered in context

Scaling

Fig.9 – Different views of the 3D model showing front, back, sides, bottom, and top perspectives

Data Sheet.

Data

Needle	
Site	Muséu del Pueblu d´Asturies / 14031
Origin	-
Creator	-
Technique	-
Material	Wood
Date	19th-20th
Purpose of Production	Textile Crafts
Size	25x2x2cm

Description

A wooden needle featuring carved geometric motifs, with openings at the top that pierce through the wood, creating an intriguing play of light and shadow.