Horn container

Photogrammetry Report.

Component

Image Data	
Orientation Report	
1. Number of input data	196
2. Registered images count	158 / 196
3. Points count	355061
4. Total projections	1344891
5. Average images per tie point	3.8
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.42
8. Mean reprojection error [pixels]	0.54

Fig. 1 – Composite 4 Views

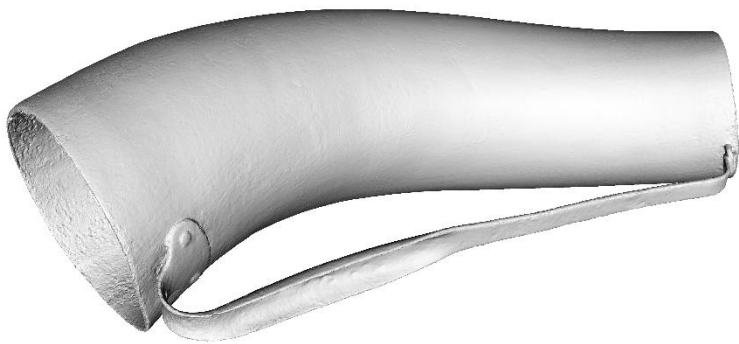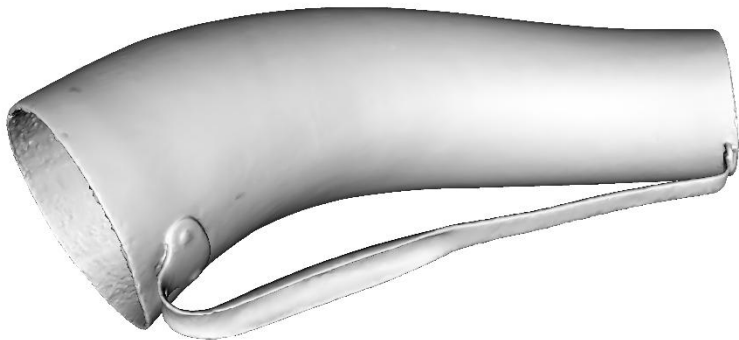| Model Data	
Poly Report	
1. High Poly Triangle count	21496168
2. Low Poly Triangle count	74988

Fig. 2 – High Poly

Fig. 3 – Low Poly

Texturing Report.

Roughness and Metalness

Fig. 4 – Before texturing with SP

Fig. 5 – After texturing with SP
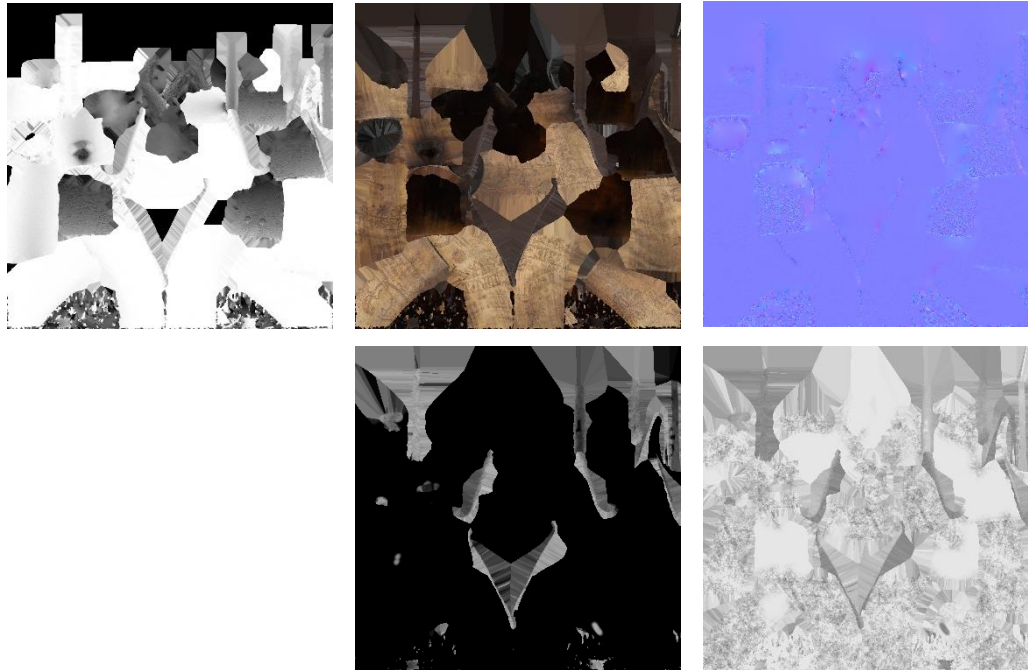
PBR Textures

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

Blender Report.

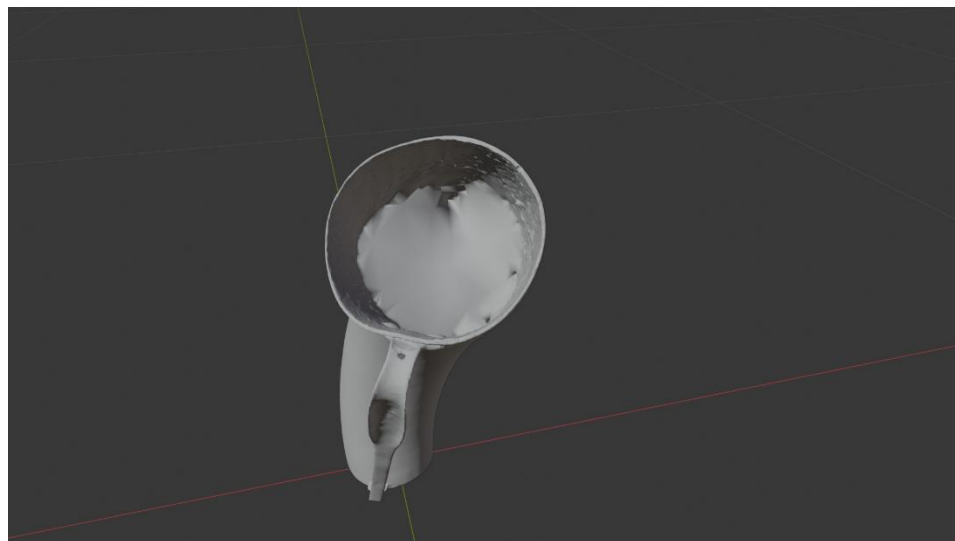**Mesh Restoration**

Fig. 7 – 3D Model before restoration

Fig. 8 – 3D Model after restoration

Rendering

Fig. 9 – Rendered image of the final model

Fig. 10– Final model rendered in context

Scaling

Fig.11 – Different views of the 3D model showing front, side, back, side, bottom, and top perspectives

Data Sheet.

Data

Horn container	
Site	Muséu del Pueblu d´Asturies / RDM1302
Origin	-
Creator	-
Technique	Carving; Forging
Material	Horn; Iron
Date	Ca. 1875/1900
Purpose of Production	Dairy Industry; Herding
Size	37x26x14

Description

A large horn container featuring a wide range of decorative motifs and notable inscriptions. Garlands, plants, and flowers are accompanied by animals and hybrid creatures. One inscription indicates ownership: "I belong to Juan Rodríguez" ("Soy de Juan Rodríguez"), while another reflects on the creation of the object: "I cannot do it better / because my sight is failing / and I also lack / both study and the help of grace" ("No puedo acerlo [sic] mejor / porque la vista me falta / también faltan falta [sic] los / estudios y la yuda [sic] de gracia").