

Horn container



Photogrammetry Report.

Component

Image Data

Orientation Report

1.	Number of input data	149
2.	Registered images count	140 / 149
3.	Points count	160207
4.	Total projections	731829
5.	Average images per tie point	4.6
6.	Maximum reprojection error [pixels]	77.58
7.	Median reprojection error [pixels]	0.84
8.	Mean reprojection error [pixels]	1.21



Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	18576952
2. Low Poly Triangle count	75000



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

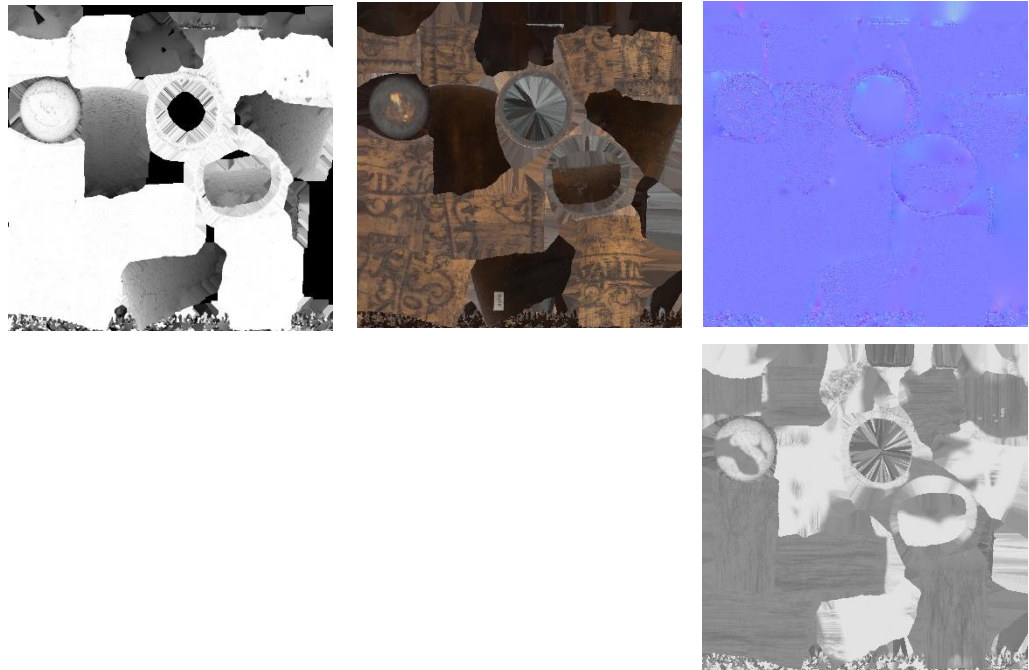


Fig. 6 – AO, Diffuse, Normal (top), and Roughness (bottom)



Blender Report.

Mesh Restoration

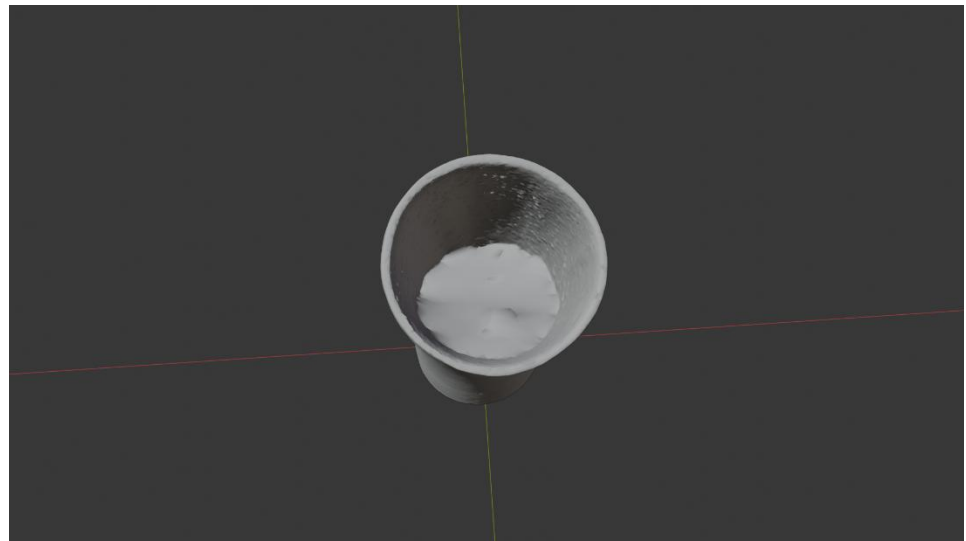


Fig. 7 – 3D Model before restoration

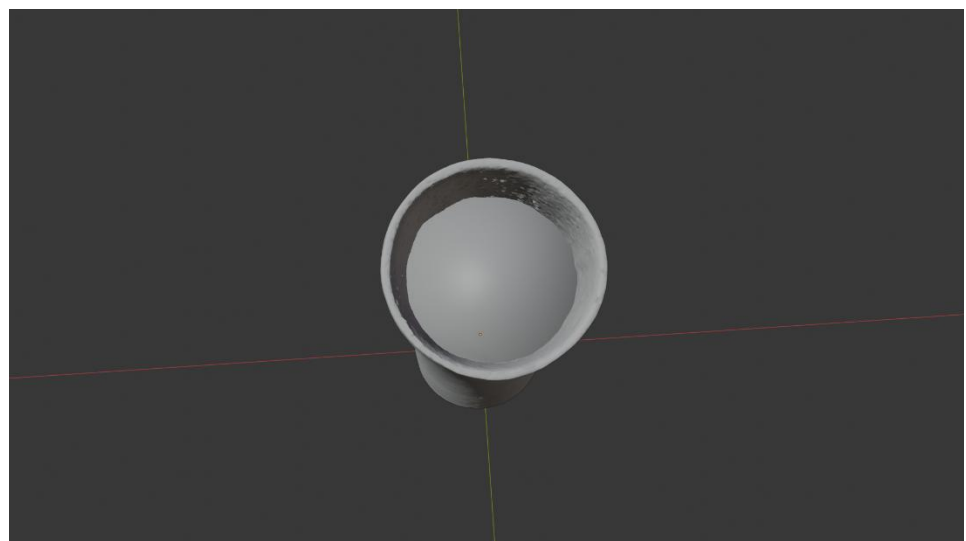


Fig. 7 – 3D Model after restoration

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 / RDM1307
Origin	-
Creator	-
Technique	Carving
Material	Horn; Wood
Date	Ca. 1900/1910
Purpose of Production	Herding
Size	16x9.7x8,6

Description

Horn container with a wooden base, featuring a wide range of decorative motifs. Garlands, plants, and other geometric patterns accompany a herding scene with a shepherd, his dog, a cow, and a cart pulled by a heart-shaped figure. An inscription indicates the ownership of the piece: “I belong to Jose Cavallin” (“Soy de Jose Cavallin”).