

## Horn container



### Photogrammetry Report.

#### Component

#### Image Data

##### Orientation Report

1.	Number of input data	185
2.	Registered images count	138 / 185
3.	Points count	368139
4.	Total projections	1659729
5.	Average images per tie point	4.5
6.	Maximum reprojection error [pixels]	2.00
7.	Median reprojection error [pixels]	0.43
8.	Mean reprojection error [pixels]	0.54



Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	13302530
2. Low Poly Triangle count	74994

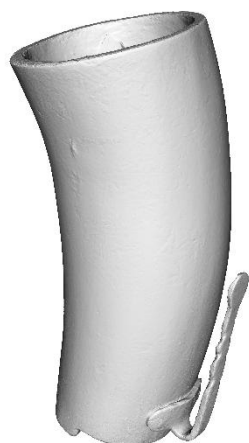


Fig. 2 – High Poly



Fig. 3 – Low Poly



## Texturing Report.

### Roughness, Metalness and Texture Correction



Fig. 4 – Before texturing with SP



Fig. 5 – After texturing with SP



## PBR Textures

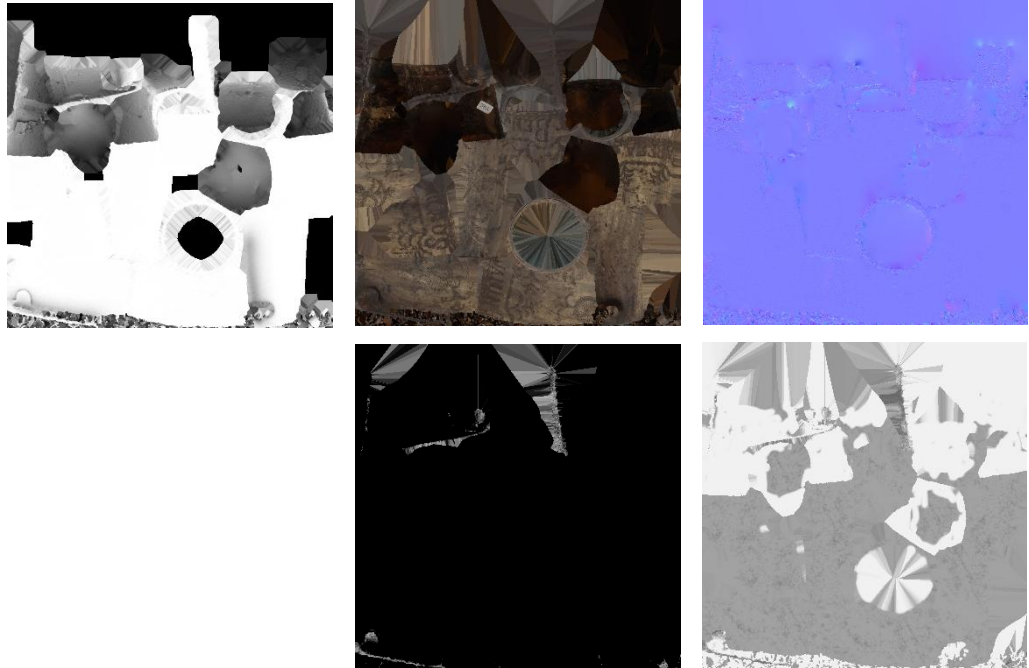


Fig. 6 – AO, Diffuse, Normal (top), Metallic and Roughness (bottom)



Blender Report.

## Mesh Restoration

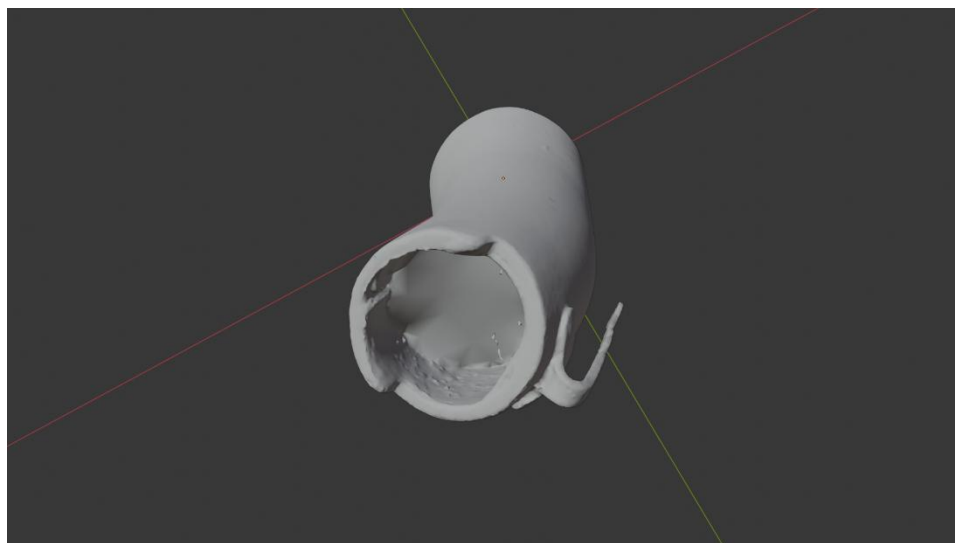


Fig. 7 – 3D Model before restoration

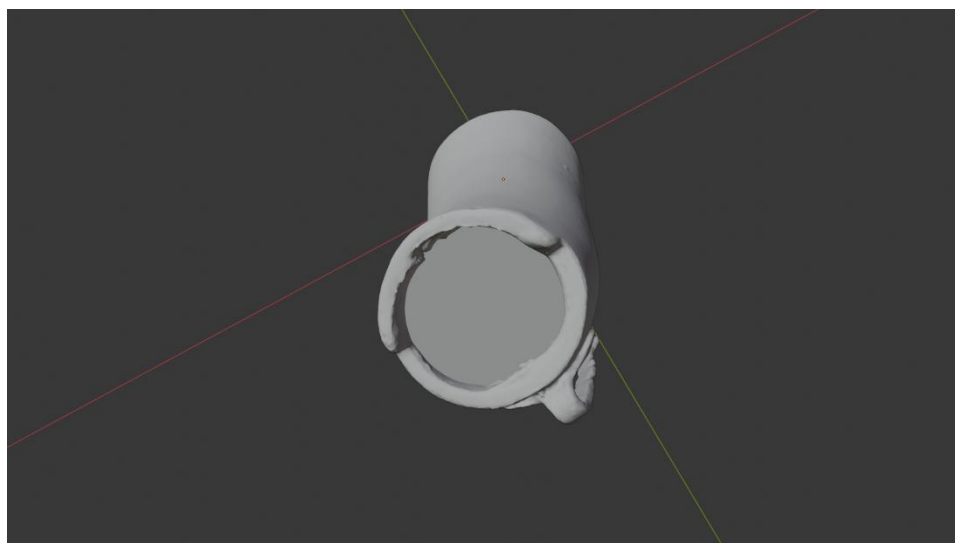


Fig. 7 – 3D Model after restoration

## 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 / RDM1315
Origin	-
Creator	-
Technique	Carving; Forging; Punching
Material	Horn; Iron
Date	ca. 1875/1890
Purpose of Production	Agricultural task.
Size	20x12x9cm

Description

Horn container with an iron handle and the inscription “I belong to Benjamín Cabeza” (“Soy de Benjamín Cabeza”). Used as a *gaxapu*, this object features various geometric and vegetal motifs, such as garlands, palmettes, a circle, and a heart.