Jar

Photogrammetry Report.

Component 1: Body

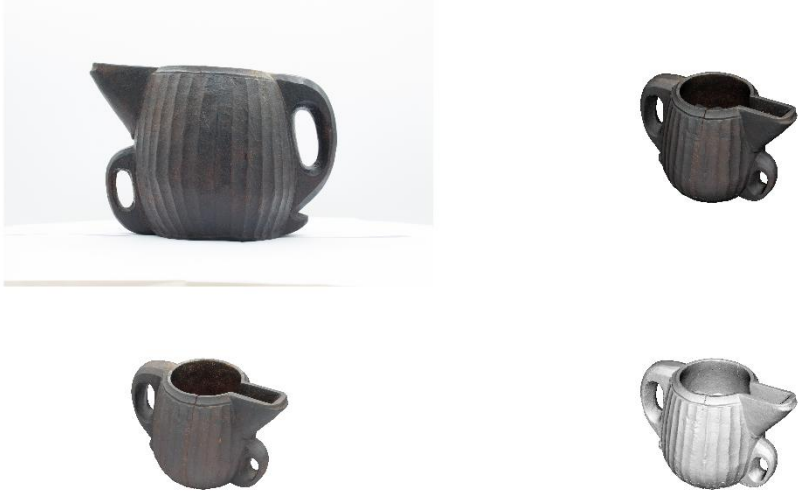| Image Data	
Orientation Report	
1. Number of input data	148
2. Registered images count	144/148
3. Points count	111744
4. Total projections	325157
5. Average images per tie point	2.9
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.4
8. Mean reprojection error [pixels]	0.54

Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	24387948
2. Low Poly Triangle count	74996

Fig. 2 – High Poly

Fig. 3 – Low Poly

Component 2: Lid

Image Data	
Orientation Report	
9. Number of input data	185
10. Registered images count	185/185
11. Points count	300675
12. Total projections	1035249
13. Average images per tie point	3.4
14. Maximum reprojection error [pixels]	2.00
15. Median reprojection error [pixels]	0.37
16. Mean reprojection error [pixels]	0.49

Fig. 4 – Composite 4 Views

Model Data

Poly Report

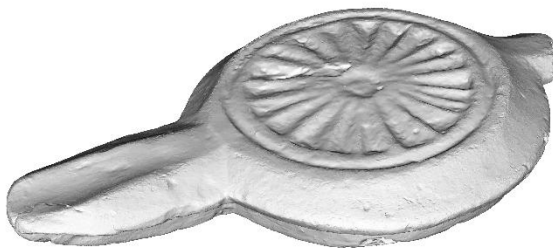| 3.	High Poly Triangle count	14444214
4.	Low Poly Triangle count	74994

Fig. 5 – High Poly

Fig. 6 – Low Poly

Texturing Report.

Roughness and Levels

Fig. 7 – Before texturing with SP

Fig. 8 – After texturing with SP

Fig. 9 – Before texturing with SP

Fig. 10 – After texturing with SP

Texture Correction

Fig. 11 – Before texturing with SP

Fig. 12 – After texturing with SP
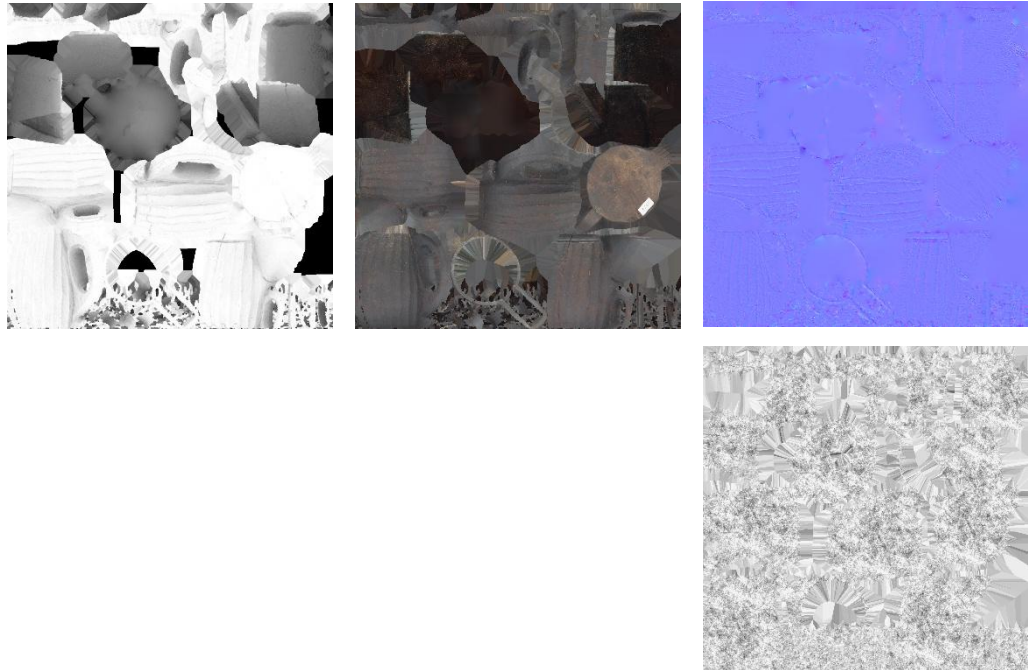
PBR Textures

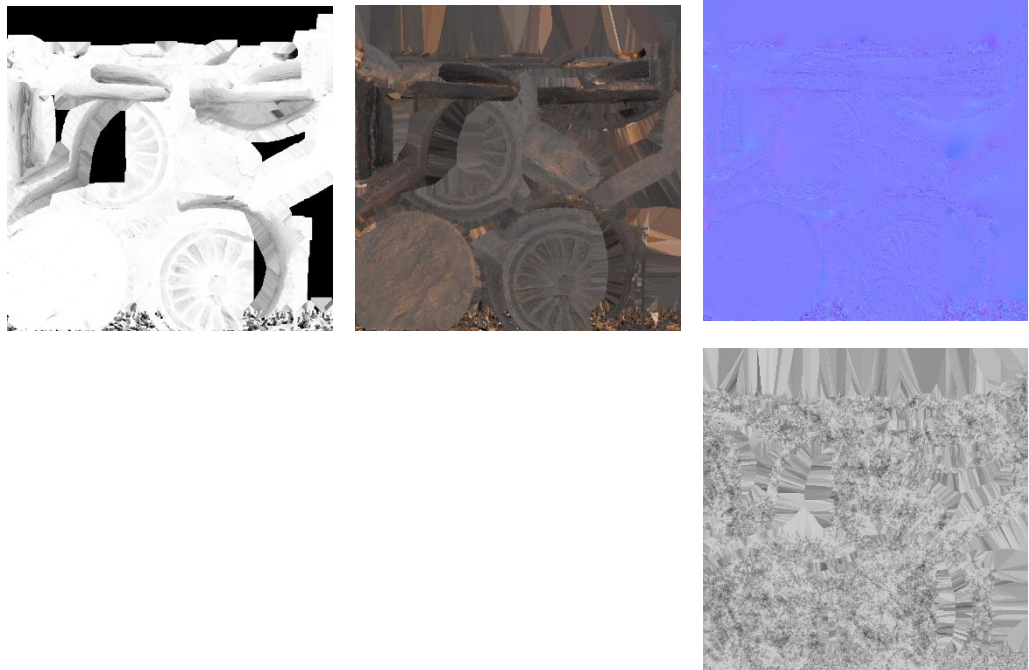Fig. 3– AO, Diffuse, Normal (top), and Roughness (bottom) from jar

Fig. 3– AO, Diffuse, Normal (top), and Roughness (bottom) from lid

Blender Report.

Rendering

Fig. 11 – Rendered image of the final model

Fig. 12 – Final model rendered in context

Scaling

This process has been carried out following the size established in the Cer.es, so it may vary slightly.

Fig.13 – Different views of the 3D model showing, front, back, sides, bottom and top perspectives

Data Sheet.

Data

Jar	
Site	Muséu del Pueblu d´Asturies / RDM1339
Origin	-
Creator	-
Technique	Wood carving
Material	Wood
Date	Ca. 1850-1900
Purpose of Production	Household ware; Dairy industry
Size	12x17x11cm

Description

Called a Zapica, this jar was used to collect milk in mountainous areas. It is made of carved wood, with most of the decoration concentrated on the lid, where a geometric sun composed of angular shapes can be seen