

Stirrups



Photogrammetry Report.

Component 1: Stirrup 1



Image Data	
Orientation Report	
1. Number of input data	190
2. Registered images count	186 / 190
3. Points count	342060
4. Total projections	1131127
5. Average images per tie point	3.3
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.4
8. Mean reprojection error [pixels]	0.53



Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	34793160
2. Low Poly Triangle count	74988

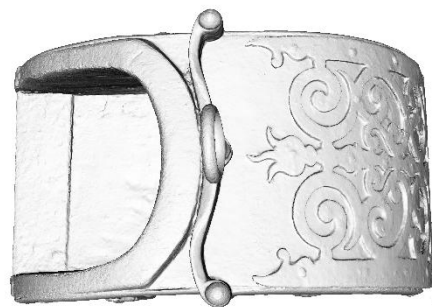


Fig. 2 – High Poly

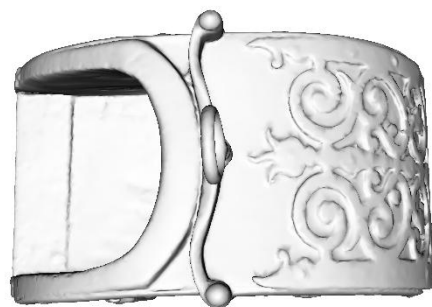


Fig. 3 – Low Poly

Component 2: Stirrup 2

Image Data	
Orientation Report	
9. Number of input data	202
10. Registered images count	200 / 202
11. Points count	405368
12. Total projections	1378127
13. Average images per tie point	3.4
14. Maximum reprojection error [pixels]	2.00
15. Median reprojection error [pixels]	0.38
16. Mean reprojection error [pixels]	0.51



Fig. 4 – Composite 4 Views

Model Data

Poly Report

3.	High Poly Triangle count	31745716
4.	Low Poly Triangle count	74982

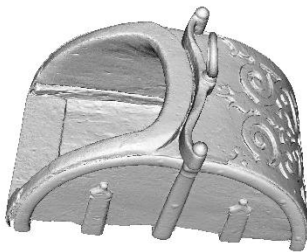


Fig. 5 – High Poly

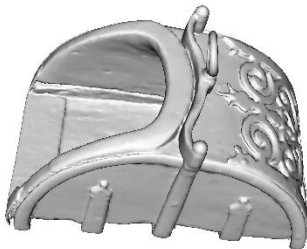


Fig. 6 – Low Poly



Texturing Report.

Roughness and Metallic, and Texture Correction

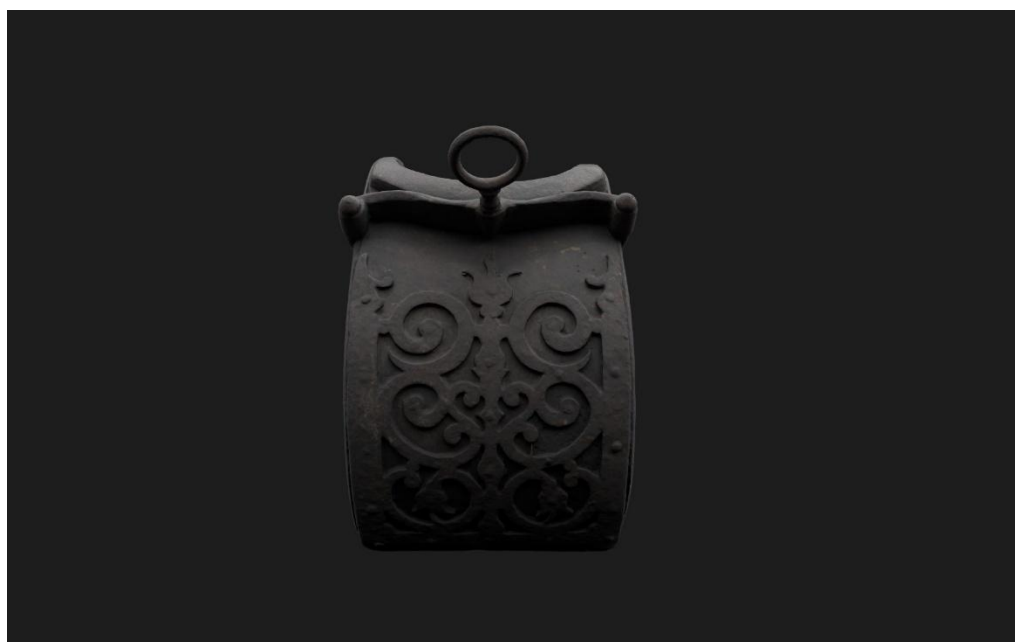


Fig. 7 – Stirrup 1 Before texturing with SP

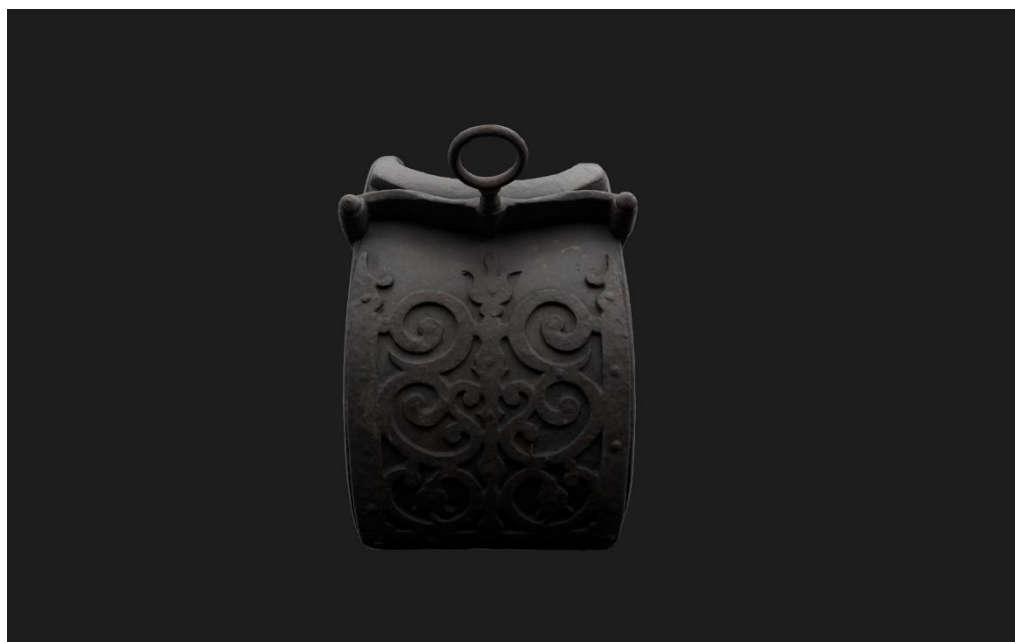


Fig. 8 – Stirrup 1 After texturing with SP



Fig. 9 – Stirrup 2 before texturing with SP



Fig. 10 – Stirrup 2 after texturing with SP

PBR Textures

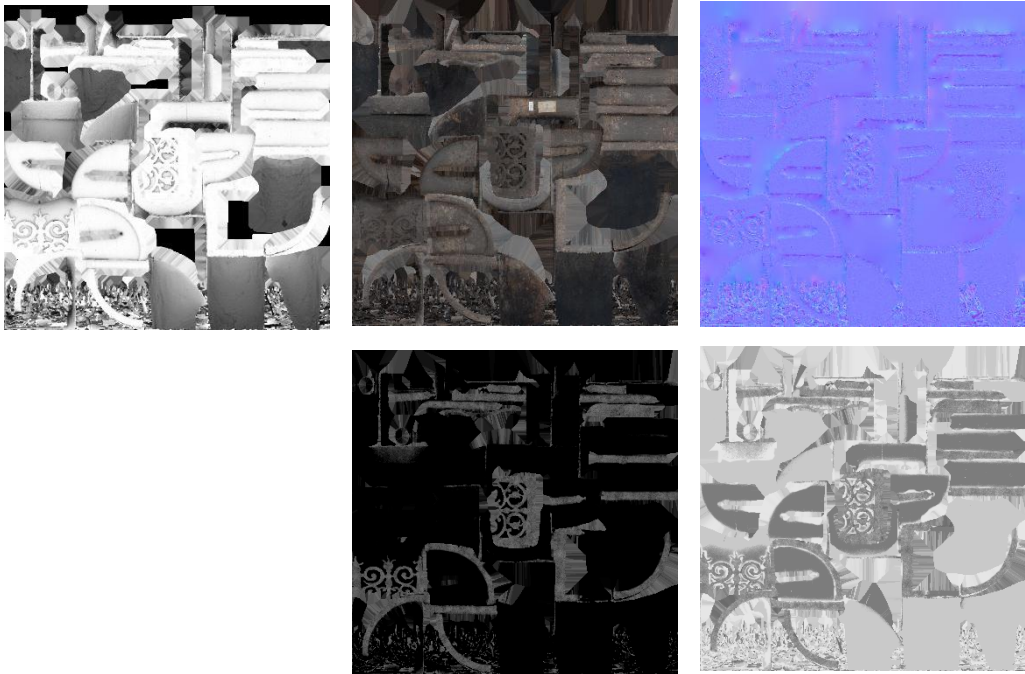


Fig. 11– AO, Diffuse, Normal (top), Metallic and Roughness (bottom) from Stirrup 1

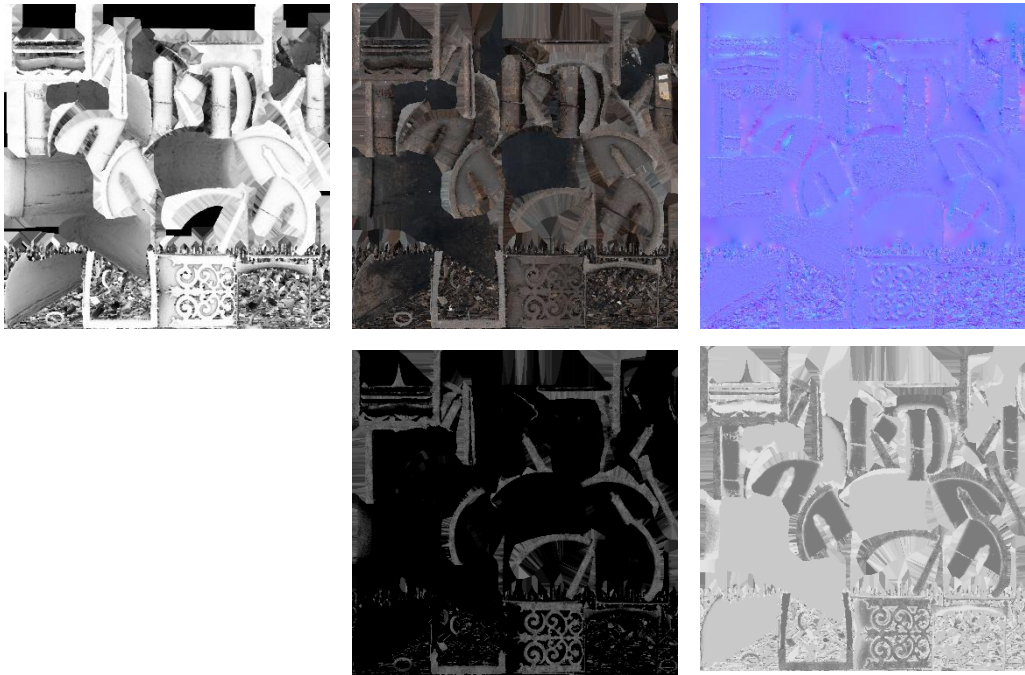


Fig. 12– AO, Diffuse, Normal (top), Metallic and Roughness (bottom) from Stirrup 2



Blender Report.

Rendering



Fig. 13 – Rendered image of the final model



Fig. 14 – Final model rendered in context

Scaling Stirrup 1



Fig.15 – Different views of the 3D model showing, front, back, sides, bottom and top perspectives

Scaling Stirrup 2



Fig.16 – Different views of the 3D model showing, front, back, sides, bottom and top perspectives



Data Sheet.

Data

Stirrups	
Site	Muséu del Pueblu d´Asturies / RDM1349
Origin	-
Creator	-
Technique	Wood carving; Forging
Material	Wood; Iron
Date	Ca. 1865 / 1900
Purpose of Production	Equine farming
Size	20x30x17cm

Description

Wooden stirrups reinforced with wrought iron, which is shaped into stylized vegetal forms on the front side of the object.