

Table 1: Quantitative results on Google Scanned Objects dataset.

Methods	Chamfer Distance ↓	Volume IoU ↑	F-Score ↑
Shap-E	0.0585	0.2347	0.3474
Michelangelo	0.0441	0.1260	0.4371
One-2-3-45	0.0513	0.2868	0.3149
InstantMesh	0.0327	0.4105	0.5058
Ours (trained on Objaverse)	0.0296	0.4307	0.5356
Ours (trained on internal data)	<b>0.0271</b>	<b>0.4323</b>	<b>0.5624</b>

Table 2: Quantitative comparisons of reconstruction with different latent representations on Objaverse evaluation set.

Methods	Chamfer Distance ↓	Volume IoU ↑	F-Score ↑
Implicit 1D Space (Shape2VecSet)	0.0057	0.8794	0.9416
Explicit Triplane (Ours)	<b>0.0042</b>	<b>0.9409</b>	<b>0.9835</b>

Table 3: Quantitative results of semi-continuous surface sampling strategy.

Methods	Chamfer Distance ↓	Volume IoU ↑	F-Score ↑
w/o semi-continuous sampling	0.0060	0.8723	0.9192
w/ semi-continuous sampling	<b>0.0057</b>	<b>0.8794</b>	<b>0.9416</b>

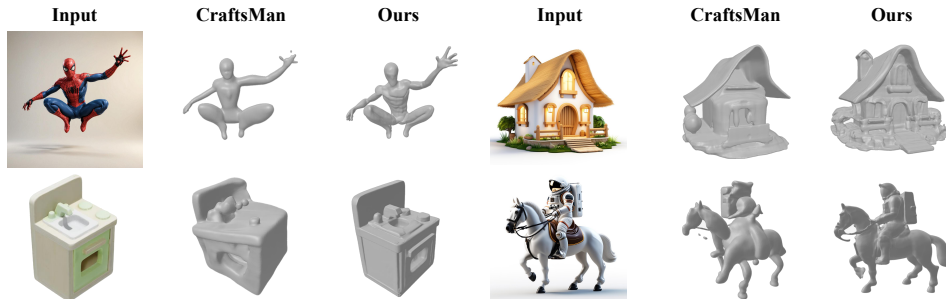


Figure 1: Qualitative comparisons between CraftsMan and Our method.

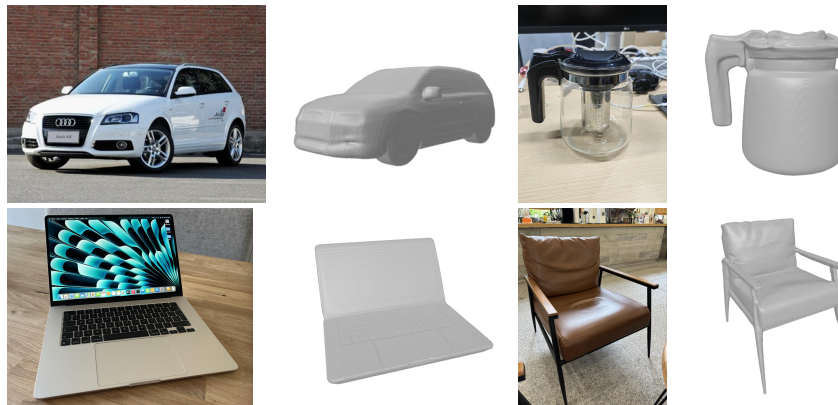


Figure 2: Qualitative results on in-the-wild input images.