

CASE STORY-REVAL STONE

This project is done using „CARSO 5X“
Machined with CMS Brembana „G-Rex“

Stone: Kaarma limestone (dolomite).

Properties: Soft to machine, porous.

Durable in outside conditions.

Total machining area 1120mmx2800mm

Thickness is Max. 170mm, Min. 50 mm.



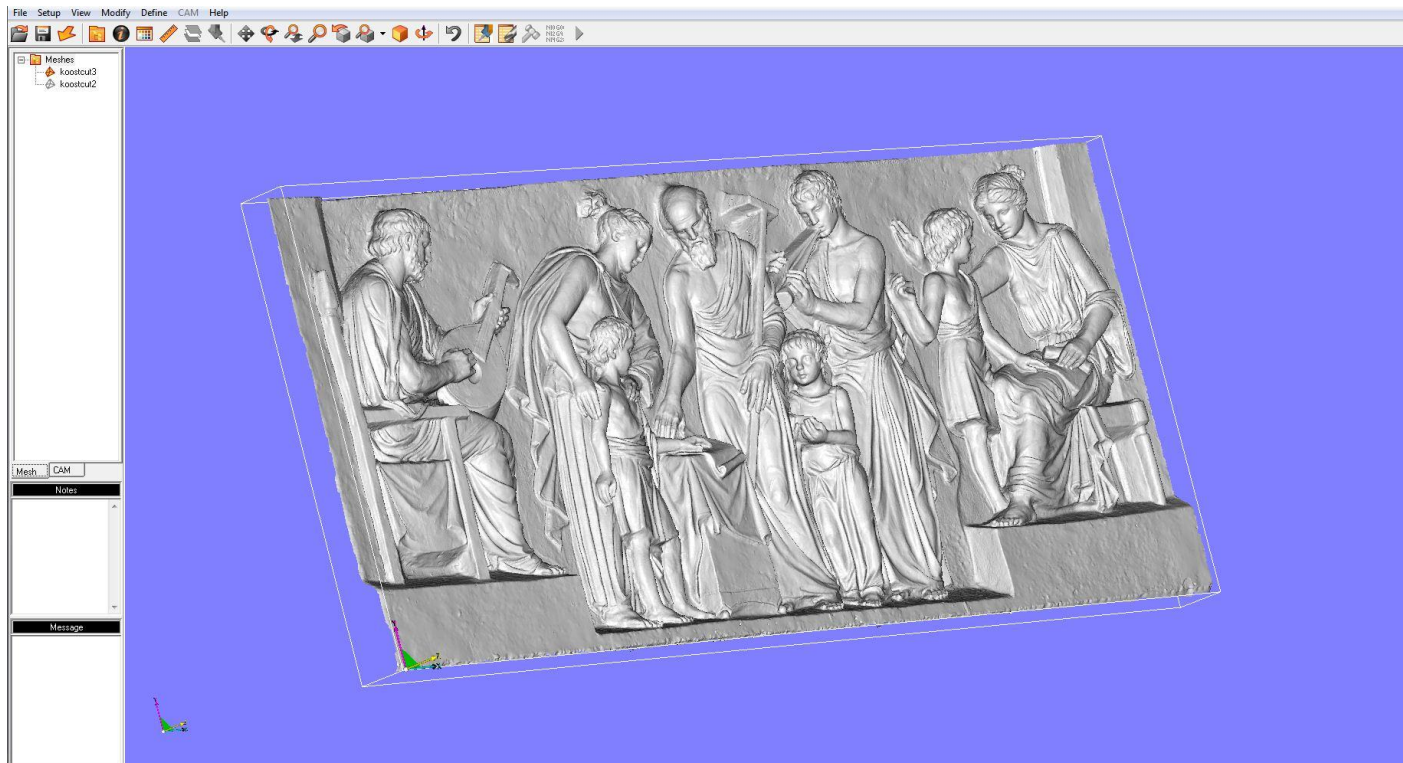
Plastermodel before scanning.

Each section is filled up with stonemud
(a fine powder of limestone).

This model is one of five that fit together to form a
14meter bas-relief.

This plaster model is just an example what the models
look like.

The machining process below is for a different model.



Model was scanned in at $-z$, $-x$ and $+x$ direction using Scantech 400mm scanner.

After fused together with CARSO Fusion.



The rawpiece was cut under C0deg. and C 180 deg.

Machined with vertical sawblade Diameter 600mm.



After hammering followed roughing with bullnose mill.





The bas-relief was machined in 90 deg. and in 45 deg. to reach the negative angles



The final touches were done with conical tip mill
Radius 3mm, step in Y in 0.8mm.

The rawstock was precut in sections and fitted together
,total 4 pieces.

After machining the bas-relief is hand finished.

