



Gesture assistance system: ... from Virtual to Real

Now available from 7Dworks, a new concept for complex shape generation: reproduction, sculpture, design, prosthesis, modeling, 3D animation ... in any material.



This new concept* of "manual gesture assistance" divides reproduction time by 15 to 20 compared to traditional methods.

It is not a robotic system and does not replace the craftsman's gesture. It uses his own ability in a natural way, guiding him from raw to finish, thanks to sounds and visual information.

The system uses standard craftsman tools and preserves user's competences and methodology, assisting him in removing material, for models going from 10 mm to several meters.

Equipment consists in an arm linked to a monitor showing in real time the tool selected by the user, its position onto the target model, assisted by sensory feedback.

The model, previously digitized without contact, is displayed on the monitor and can be easily positioned and scaled in the material.

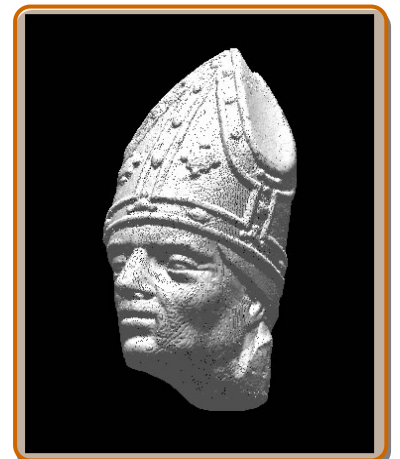
We invite you to visit our web-site www.7dworks.com, to contact us to get a free presentation CD-Rom or to plan a demonstration of this new concept with our technicians.

Advantages



- Respect of craftsman's ability and competences, use of his own tools and methods
- Fully secured system
- Time reduction (between 15 to 20 times quicker than traditional methods) by eliminating iterative control tasks
- Capability of analyzing and archiving numerical models
- Accuracy: 0.05 mm / 0.02''
- Non contact digitizing, eliminating manipulation risks for the original model

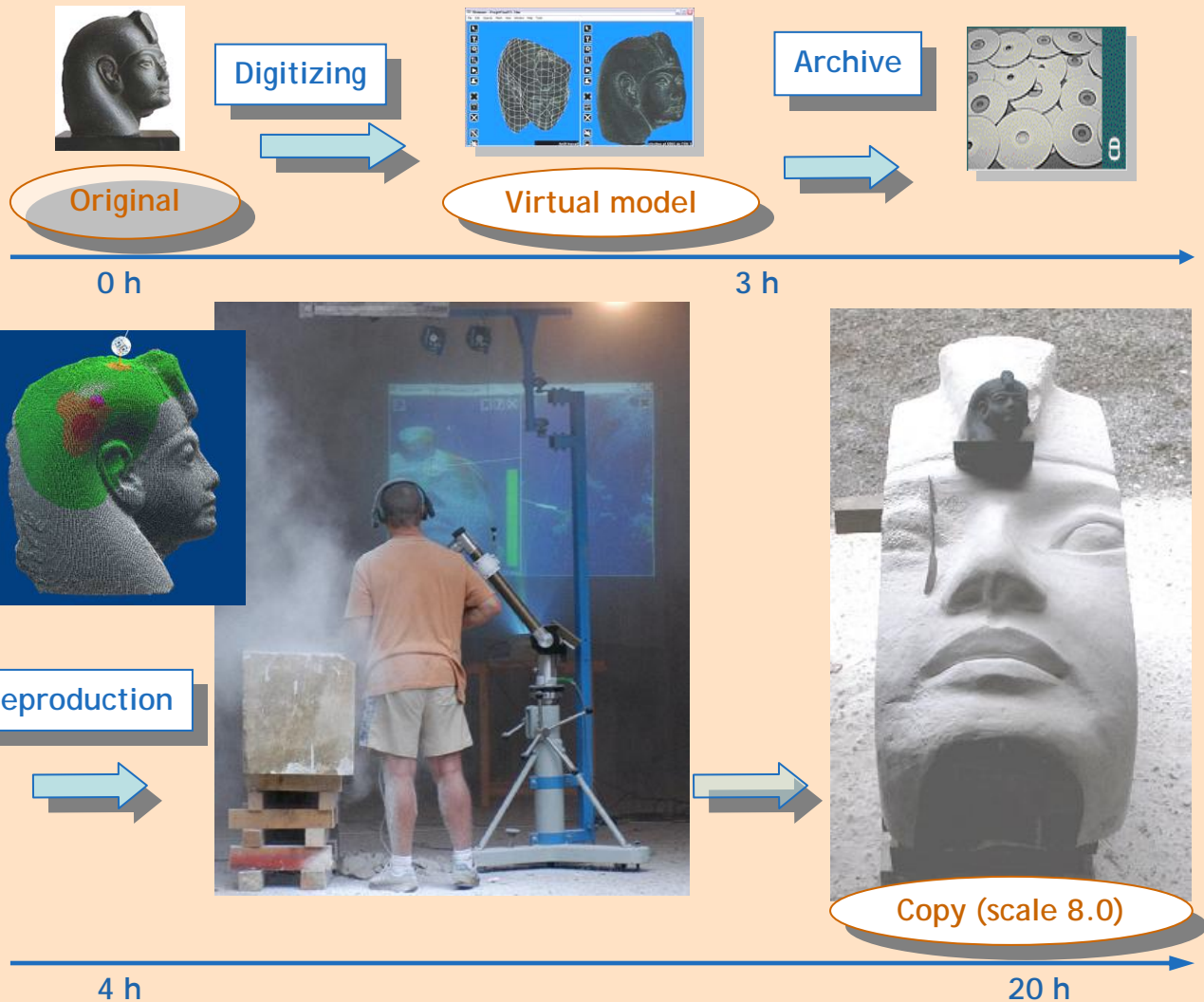
- Possibility to work in any material: stone, wood, plastics, resins, wax, aluminum ...
- Free scaling and optimized positioning in the piece of material
- Possibility to reconstruct missing parts or to assemble several pieces
- Fully transportable, supplied with comprehensive tooling kit



*Patented system

7Dworks - Le Moulin - 38160 Izeron - France -
www.7dworks.com

Overview



Digitizing service

7Dworks proposes a digitizing service in order to supply numerical models ready to use for reproduction. It allows you, for instance, to archive models, create objects and shapes libraries, generate 3D presentations of objects for communication or pedagogy ...

Contacts

Philippe Bellanger, Product manager :

☎ : 06.15.74.81.69.

✉ : ph.bellanger@7dworks.com

Stéphane Boussac, Technical manager :

☎ : 06.88.65.33.87.

✉ : s.boussac@7dworks.com

