

# Shell Molding

Scaling is an automated method for making disposable molds in sand. The method fits for complicated castings with many and / or thin cores. The investment cost is medium and the method fits from small to large series. With shaping, or cronite molding as it is also called, we found details from a few hectares to ten kilos. The subjects are intended for robotized cleaning as well as processing.

## Advantages compared to hand shaping and masking

Compared with our other sand forming methods , hand molding and masking ,shaping can have less processing loans. The method also provides smoother surfaces and smaller dividing lines. Due to the fact that shaping uses less sand than the other methods, cast aluminum properties get better strength properties.

## The process of shaping

Model and injection systems are made of iron, red goods or brass. The model is heated and covered with sandy clad with binder resin. The heat melts the resin which binds the sand into a mold. It is possible to use both sand and grain kernels.

