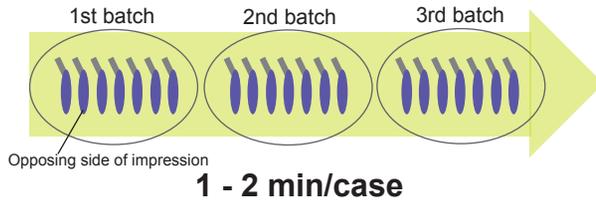


Maximize Time Savings with **Artimax™**

This method can be used by a single technician
or by multiple technicians working together
to create up to 70 quadrant models a day per technician

STEP 1 Pour ALL Opposing Sides First



Useful tips

- **Pour between 5 - 10 opposing sides per batch, depending on stone working time & experience**

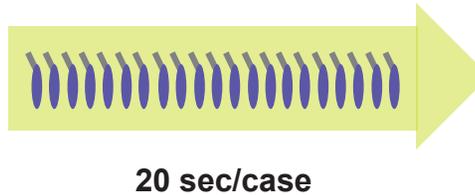
More than 10 cases can be poured with one batch if the stone has a long setting time or, if there are multiple technicians pouring from the same batch. Pouring more than 10 opposing sides at a time with only one technician, however, can make it difficult to clean the excess stone off the trays before the stone is too dry.

- **Find the right time to clean the excess stone**

If the stone is still too runny, your efforts to clean the excess stone may only cause the impression to tilt or sit further down. The best time to clean the tray is when the stone is just starting to set.

The ideal consistency of the stone when pouring the model is different than the ideal consistency when removing the excess stone. If the stone is not quite set enough to clean then wait a minute or so. Pay extra attention to the stone consistency if you are a first time tray system user.

STEP 2 Place Pins for ALL Models



Useful tips

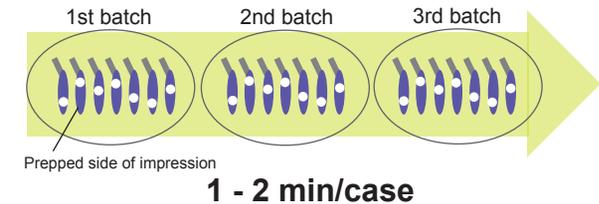
- **Pins may be placed right after finishing the opposing side pour**

By the time you have finished pouring and cleaning the opposing sides of the last batch from step 1, the first couple batches of models have already set enough to start the pin placement job.

Labs with multiple technicians in the model room may want to have technicians begin placing pins in the batches that are dry (about 15 minutes after pouring) while others finish pouring the opposing sides.

Because many of the conventional steps (i.e. pin drilling, gluing, base pour, etc...) are, by design, already integrated into the Artimax articulators, the model room technicians will need to allocate their time in a slightly different manner when creating models. In general, labs are most efficient when they observe these procedures.

STEP 3 Pour ALL Working Sides



Useful tips

- **Pour between 5 - 10 working sides per batch, depending on stone working time & experience**

The same tips for pouring the opposing side can be applied to pouring the working side. Most labs notice that the stone they use for the working side model has a longer setting time, and thus may allow them to pour more models in one batch.

- **Find the right time to clean the excess stone**

The same suggestions apply here as they do in the second tip of step 1.

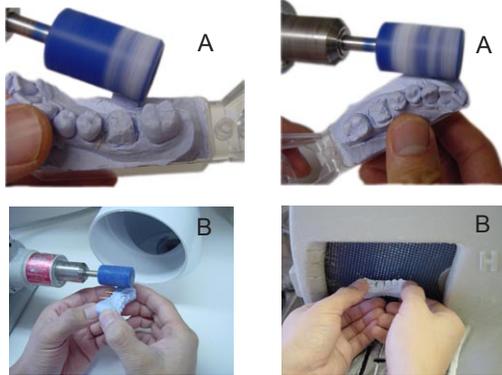
Trim, section, and remove the dies in whichever order best fits your work style

STEP 4

Trimming / Grinding

- (A) Trim models on the tray
- or -
- (B) Trim models off the tray

0.5 - 1 min/case



Useful tips

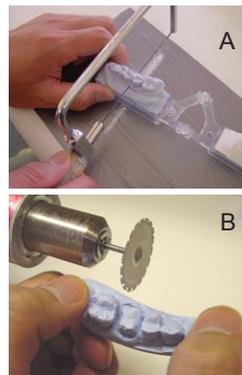
- (A) Using a bur or arbor band to trim the model while on the tray is generally a little more time consuming than trimming off the tray but **does ensure that the bottom of the cast and tray bed stay clear of debris**, thus resulting in complete die seating which is one of the important factors in preventing high occlusion problems.
- (B) Using a small mallet to remove the model from the tray (see Technical Advice and Helpful Hints) and then trimming is generally faster than trimming on the tray. Be sure to use an air gun to clean the bottom of the cast and the plastic tray bed.

STEP 4

Sectioning

- (A) Section models on the tray
- or -
- (B) Section models off the tray

20 sec/case



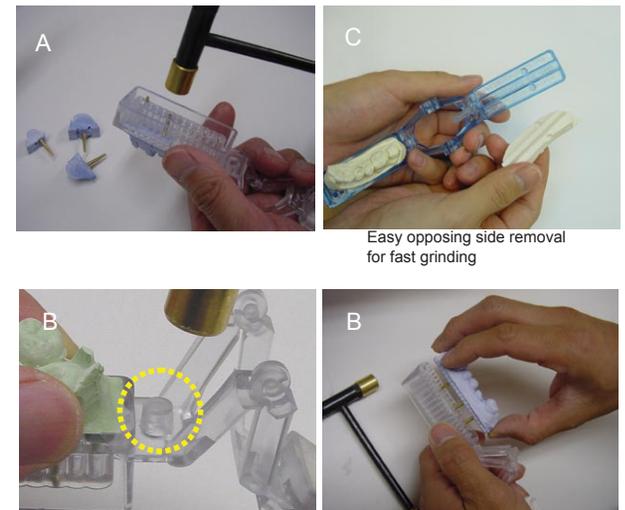
Useful tips

- (A) Use a handsaw to section the cast while it is on the tray. Saw down until the blade hits the tray bed.
- (B) Use a circular blade or automatic cutting machine to section the dies quickly

STEP 4

Removing

- (A) Remove each die if sectioned on the tray
- or -
- (B) Remove the whole working cast and trim/cut
- (C) Remove the opposing side and trim (optional)



Easy opposing side removal for fast grinding

1 hour average to complete 10 cases

(not including stone setting time)

★ ★ ★ Please watch our step-by-step **hands-on DVD** (version 5) for further details of each step

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