



## Modification Tools Summary

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This section describes the shape modification tools available within OMEGA® Tracer®. New tools are continuously being added to the software, and in some cases a tool may even be replaced with a more powerful tool.

<i>Tool</i>	<i>Description</i>
Abduct/Adduct	Increases abduction and adduction up to 10 degrees at a time.
Adjust	Adjusts model Circumferences, Volumes, APs, and MLs.
Adjust Heel Height	AFO modification tool; raises or lowers the forefoot and midfoot while ankle and heel are locked in position.
Alignment	Bend, Flex, Rotate, Shift, or Tilt the model.
Anterior Opening	AFO fabrication tool; widens opening on an AFO for fabrication purposes.
Arch Support	AFO and Insole modification tool; applies support at desired location.
Blend	Perform an overall blend on the model.
Blend Sides	Spinal alignment tool; averages the two sides of the model (or a localized area) together.
Breast Height	Spinal breast adjustment tool; adjusts the height position of the breasts on the model.
Build	Interactively builds up areas of the model.
Bulbous	Makes the distal end of a BK or AK model more or less “bulbous.”
Carve	Interactively carves away areas of the model.
Circumference	Fits a model to one or more circumferences.
Circumference Fit	Adjusts the entire model back to the original circumferences that were captured when tracing.
Copy Left/Right	Spinal alignment tool; mirrors one side of the model to the other. Also available from Tools menu under <b>Symmetry</b> .
Cranial Comparison	Allows comparison of a cranial scan to a previous scan.



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<i><b>Tool</b></i>	<i><b>Description</b></i>
Cup Size	Spinal breast adjustment tool; increases or decreases the breast cup size of the model.
Cut (Proximal or Distal)	Cuts off the distal or proximal end of a model at the selected level.
Cut (Knife) Tool	Removes localized areas of the model other than the proximal and distal ends.
Cylindrical Adapter	Adds the shape of a cylindrical adapter to the model to aid in manufacturing.
Distal Tibial Relief	Adds a build-up to the distal tibia area.
Distal Umbrella Tool	Allows placement of a distal umbrella on a model for a socket that will be used over an Alpha Locking Liner.
Distend/Copress	Elongates or shortens a model while maintaining volume.
Dorsal Opening	AFO fabrication tool; widens opening on dorsum of foot for donning purposes.
Draw	Draws perimeter and raises or lowers the area inside the perimeter.
Dual Model View	Provides ability to view and track how the template has changed.
Extend	Extends the model by adding material, “pulling” tissue, or setting height interval.
Femoral Relief	Creates a build-up at the distal/lateral area of the model.
Flatten	Flattens an area to specific dimensions.
Flatten Toebox	AFO and Insole fabrication tool; flattens a designated area of the plantar surface of the toebox area.
Flex/Extend	Increases flexion and extension of the model up to 10 degrees at a time.
Forefoot Adduction/Abduction	AFO modification tool; adjusts position of the forefoot in the transverse plane for adduction and abduction.
Height	Sets a height between two landmarks on a model.
Internal/External Rotation	AFO modification tool; adjusts rotation of the foot and ankle.
Inversion/Eversion	AFO modification tool; adjusts inversion and eversion of the foot and ankle.
Knife	See Cut (Knife Tool).
Kyphosis	Spinal bending tool; adjusts flexion and extension in the thoracic region of the model.
Landmark	Indicates landmarks while tracing or modifying a model.
Landmarks (Editor)	Moves, centers, adds, renames, and deletes landmarks on a model using the Landmark Editor.



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<i><b>Tool</b></i>	<i><b>Description</b></i>
Lateral Bend	Spinal bending tool; laterally bends (flexes) model at indicated levels.
Lateral Support	Compresses (reduces) area at the Proximal/Lateral brim of the model up to 1" at a time.
Lordosis (Flex)	Spinal bending tool; changes overall alignment by flexing and extending the entire model.
Lordosis (Shift)	Spinal bending tool; localized shift of the lumbar region in the sagittal plane of the model.
Measurements	Displays the Measurements Windows.
Overlay Image	Allows comparison of a digital picture of a patient to a <i>Tracer</i> model of the patient. Available from the Graphics menu under <b>Show/Hide</b> .
Plantarflexion/Dorsiflexion	AFO modification tool; adjusts the position of the foot and ankle.
Ply	Adds (or subtracts) plies to the model.
Ply (Distal Only)	Removes or adds ply from a designated level to the distal end of the shape.
Ply (Proximal Only)	Removes or adds ply from a designated level to the proximal end of the shape.
Pronation/Supination	AFO modification tool; adjusts pronation and supination of the forefoot and midfoot.
Proximal Flare	AFO fabrication tool; adds a reverse flare at the proximal edge of the model.
Raise/Lower Toes	AFO and Insole modification tool; allows for flexion and extension of the toe area.
Ramus Containment	Places and modifies the "tab" of a ramus containment socket.
Re-Align	Rotate, Tilt, or Shift the model.
Relief Pad	Allows placement of a relief pad of the desired size, shape, and height.
Rotate Model	Spinal alignment tool; adjusts incorrectly placed alignment marks.
Save Model	Used in a sequence to explicitly save the model at that point in the sequence. Model can also be saved using <b>Save Patient Model</b> from File menu.
Scale	Scales a model's height and/or circumference.
Set Length	Changes the length of a model while maintaining a constant volume.
Shape	Allows shaping of tissue at a specific landmark during tracing.
Shelf	Adds a shelf (posterior build-up) to the model.



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<i>Tool</i>	<i>Description</i>
Shift Area	Works like a “heat gun” to move a selected portion of the model.
Shift Forward/Back	Spinal alignment tool; shifts entire model forward and backwards on the centerline.
Shift Heel	AFO modification tool; adjusts varus/valgus of the calcaneus (heel).
Shift Left/Right	Spinal alignment tool; shifts entire model left or right on the centerline.
Skeletal Fit Tool	Sets the caliper distance between two landmarks on the model.
Smooth	Interactively smooths areas of the model.
Square Distal End	“Squares off” the distal end of a BK or AK model in the indicated plane.
Squeeze	Squeezes to a specific AP or ML measurement.
Symmetry	Copies, flips, or averages two sides of the model.
Tilt Forward/Back	Spinal alignment tool; tilts entire model forward and backwards on the centerline.
Toebox Extension	AFO fabrication tool; extends toebox section of the model.
Toebox Height	AFO fabrication tool; increases clearance over the dorsal aspect of the toebox.
Trim/Trimline	Allows you to draw a trimline on the model.
True Radial Increase	Adds a (tapered) radius that follows the shape of the model.
Trunk Rotation	Spinal bending tool; adjusts rotation of the model at indicated levels.
Volume Change	Reports the model’s volume change.
Widen Toebox	AFO and Insole fabrication tool; increases the medial/lateral dimension of the foot.



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