



Anterior View



Left Lateral  
View



Posterior View

## Product Overview

Our SCT 3D Full-Time Scoliosis Orthosis is designed using CAD/CAM technology. This orthosis provides a brace design that corrects the spine based on three body planes, the Sagittal, Coronal and Transverse (SCT) and provides a precise combination of lateral and rotational forces that move the spine into a corrected position.

This design allows for lateral shift of the curves to midline and provides relief/void areas on opposing sides of the scoliosis curve from both rotational and lateral forces.

Using CAD/CAM technology allows for precise fabrication to maximize spinal correction that can be measured to the exact millimeter.

## Spinal Indications

- Idiopathic Scoliosis
- Lumbar Curves
- Thoracic Curves
- Double Major Curves
- Thoracolumbar Curves

## Features

- Computer enhanced modification via CAD/CAM technology.
- Each design is customized to patient's shape and curve pattern.
- Provides the ability to control the angles of the Sagittal plane regarding lumbar lordosis.
- Two relief window sizes available.

Send your orders to:  
[orders@spinaltech.com](mailto:orders@spinaltech.com)

Send your CAD files to:  
[cad@spinaltech.com](mailto:cad@spinaltech.com)

**For product options see  
reverse side.**

## Product Options

### Opening options

Posterior (Recommended)  
Anterior with PE tongue

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### Recommended Plastic

Copolymer (CP) 1/8" or 5/32" depending on patient size  
(Call for available color options)

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### Available Plastics

Polyethylene (PE) 3/32", 1/8", 5/32", 3/16" (Least Rigid)  
Modified Polyethylene (MPE) 1/8", 5/32", 3/16" (Semi Rigid)

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### Recommended Aliplast Liner

3/16" Aliplast

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### Other Liner Thickness Available

1/8", 1/4" Aliplast  
Note: This orthosis can also be unlined.

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### Window Options



1. Full plastic with void area



2. Medium size window with void area



3. Full size window

1. Full plastic Thoracic void area for full rigidity.
  2. Medium size window with upper void area to release ribs for high Thoracic curves. This design keeps Axilla extension rigid.
  3. Traditional full size window.
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### CAD/CAM modifications and corrective pads

Option 1- Corrective forces modified into 3D model with no additional pads glued in.

Option 2- 50% correction in 3D model with additional pads glued in.

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### Fasteners

Screws and Barrel Nuts  
Speedy Rivets

ST 9-20