

Styro-former® The Original, Radiotherapy Shielding Block Mold Cutter

Renowned as the worldwide industry standard, more Styro-former®s are in use than all other shielding block mold cutters combined. Styro-former® offers accurate, easy and fast cutting with minimal training. A hand-held tracing stylus allows quick radiograph outlining to provide a smooth and efficient block cutting procedure.

Our Styro-former® Power Lift LT features panel-mounted drive controls for both source and block arm distances. A quick change wire system uses unique thumb screws and a table-mounted measuring template for quick, easy wire changes. Radiotherapy teams worldwide have come to depend on Huestis Medical for quality and cost-effective radiotherapy products. The Styro-former® is FDA registered and CE certified.

Features:

Accurate Cutting

- Manual tracing produces smooth, accurate cuts with minimal training.
- Accurate cuts save time and material.
- Verification light included.



Model SF 319-3

Rigid Box Frame

- Short cutting wire is kept tight in a rigid box frame to eliminate bowing.
- Never necessary to apply downward pressure to keep the wire tight.
- Rigid box frame ensures that cutting wire is precisely aligned between the source point and block tray.
- Nichrome cutting wire fits into frame's unique electro-mechanical bushings.
- Bushings hold wire with a flat grip, for long wire life and easy wire changes.
- FREE cutting wire for life of machine.

Quick, Smooth Operation

- Spring-loaded, Teflon tracing stylus moves freely in every direction.
- Unhampered by limitations of an X or Y axis for complete maneuverability.
- Can be adjusted to any treatment machine for universal application.
- Work area remains stationary at a comfortable desktop working height.
- Free-standing table and calibrated column can be placed in almost any small area without wall attachment.

Standard Foam Block Holders

- Included holders position standard 8 in, 10 in or 12 in (20.3, 25.4, 30.5 cm) foam blocks (maximum use: 16 in, 40.6 cm)

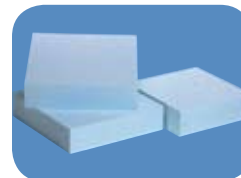
Power Lift LT

- Drive controls are panel mounted for quick, push-button height adjustments.



Proven, Rigid Box Frame Design

Rigid box frame ensures that the cutting wire is precisely aligned between the source point and block tray.



Foam Blocks

Our medium density, fine grain structure foam blocks have a smooth finish for easy release. Offered in common sizes and thicknesses.

- Position measurements are easily read directly from the vertical column.
- Easily adjustable thumb screws allow quick cutting wire changes.
- Wire measuring template included.
- Convenient storage bin holds up to three tracing tips.

Auto Boost Option

- Automatically boosts wire temperature to adjust for wire deflection.
- Simple switching system reroutes the current through another circuit with its own potentiometer.
- Can be pre-set to minimize distortion and maximize productivity.
- Inexperienced operators can have limits set by a supervisor.
- Audio/visual alarm warns when too much pressure is applied by operator.
- Model SF 319-4 includes both Power Lift and Auto Boost options.

Radiotherapy Accessories

- Low-melt alloy #158 or cadmium-free, medium-melt alloy #203.
- Precision-surfaced foam blocks.
- Convenient starter kits and other radiotherapy accessories available.



Styro-former® Easy Operation

Once adjustment of the source point and block tray distances have been made, the desired cutting parameters are set. The radiograph isocenter is then positioned and secured on scribed crosshairs. The light table and cutting wire are activated, and the area to be shielded is outlined with the hand-held tracing stylus. The heated wire follows the traced pattern to produce a clean, divergent cut block mold used for casting a radiotherapy shielding block.



Quick Change Wire System

Easily adjustable thumb screws and a table mounted wire measuring template facilitate quick cutting wire changes.



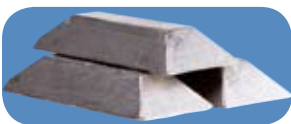
Convenient Power Lift LT Controls

Power Lift LT features easily accessed, panel mounted controls. They direct independent motors that move the source point and block tray to the desired cutting distance.



Power Lift LT Model

Our Power Lift LT combines precision electric motor positioning with economical direct column reading of cutting distances.



Shielding Alloy

Ask about alloy, blocks and other accessories. Our #158 and #203 shielding alloy is offered alone or as part of a complete "Starter Kit".

MODELS

Styro-former Model	Auto Boost	Power Lift	Table Width	Table Depth	Table Height	Column Height
SF-319 Basic	N/A	N/A*	33.5 in (85.1 cm)	24.0 in (60.9 cm)	29.5 in (74.9 cm)	8 ft, 9 in (2.67 m)
SF-319-1 Auto Boost	Included	N/A*	33.5 in (85.1 cm)	24.0 in (60.9 cm)	29.5 in (74.9 cm)	8 ft, 9 in (2.67 m)
SF-319-3 Power Lift LT	N/A	Included	33.5 in (85.1 cm)	24.0 in (60.9 cm)	29.5 in (74.9 cm)	8 ft, 9 in (2.67 m)
SF-319-4 Power Lift w/ Auto Boost	Included	Included	33.5 in (85.1 cm)	24.0 in (60.9 cm)	29.5 in (74.9 cm)	8 ft, 9 in (2.67 m)

SHIELDING ALLOY

Alloy Model	Alloy Type	Melting Temp	Weight/ Cubic in	Bismuth	Lead	Tin	Cadmium
SF-355 (50 lbs)	#158	158° F	.339 lbs	50.0%	26.7 %	13.3%	10.0%
SF-670 (50 lbs)	#203	203° F	.355 lbs	52.5%	32.0%	15.5%	00.0%

FOAM BLOCKS

Foam Model	Foam Model	Pieces Per Case
SFB102	10 in x 10 in x 2 in (25.4 cm x 25.4 cm x 5.1 cm)	35
SFB083	8 in x 8 in x 3 in (20.3 cm x 20.3 cm x 7.6 cm)	52
SFB103	10 in x 10 in x 3 in (25.4 cm x 25.4 cm x 7.6 cm)	26
SFB123	12 in x 12 in x 3 in (30.5 cm x 30.5 cm x 7.6 cm)	18
SFB084	8 in x 8 in x 4 in (20.3 cm x 20.3 cm x 10.2 cm)	36
SFB104	10 in x 10 in x 4 in (25.4 cm x 25.4 cm x 10.2 cm)	18
SFB124	12 in x 12 in x 4 in (30.4 cm x 30.4 cm x 10.2 cm)	15
SFB243	24 in x 24 in x 3 in (60.9 cm x 60.9 cm x 7.6 cm)	5



Easy Hand Tracing

Hand-held tracing stylus gives operators complete maneuverability. Free-standing light table fits easily into tight spaces and is at a comfortable desktop working height.

*Manual, rotating friction drive and calibrated tie rod system adjusts the source point and block tray position. Electrical requirements: 120 VAC, 60 Hz, 5A (Optional 220 VAC, 50 Hz, 5A). Ask about our complete "Starter Kits" including hot plate with rheostat, stainless pitcher, cooling tray, alloy #158, foam blocks, masking tape, lexan trays, thermometer and mold release.