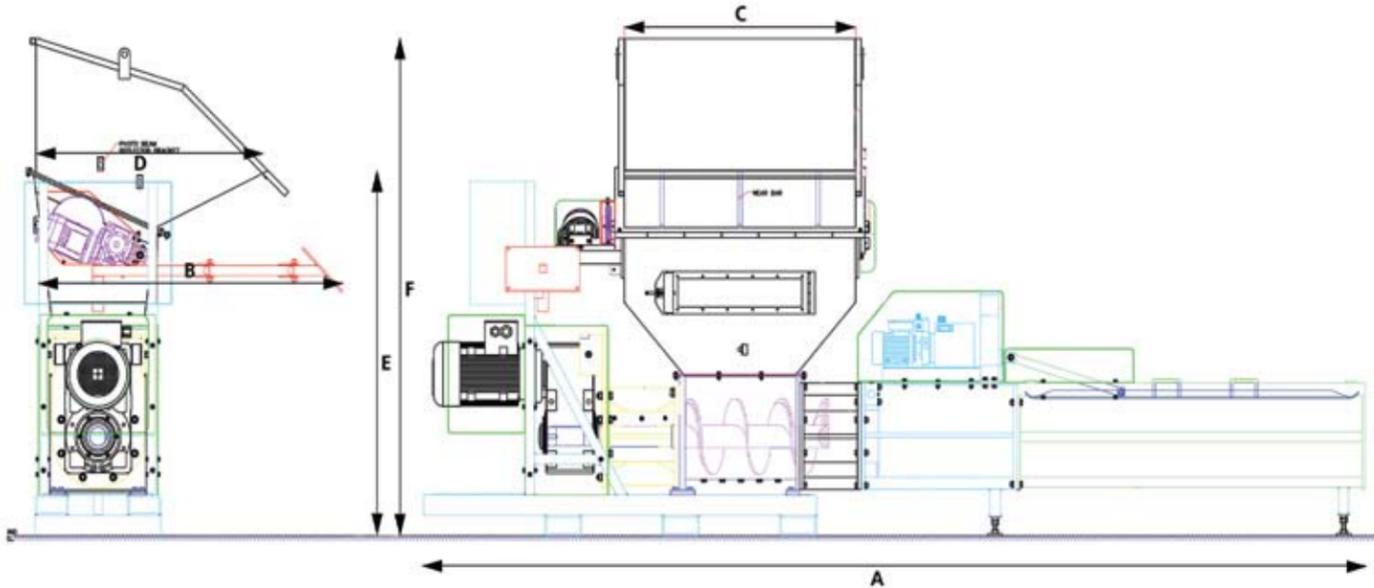


## Fully Automatic Systems

The design of these machines has been further advanced so we now supply completely automated systems that will handle over 1000kg of product per hour. Your operators only have to load a large pre-shredder. From there the crushed material is blown to a silo to await compaction. Some systems even come with automatic block cutters (as shown) and/or a small overhead crane to load pallets.



## Specifications



<b>MODEL</b>		<b>SC 2000</b>	<b>SC 3000</b>
<b>Pre-Shredder Motor</b>		<b>1.5kW</b>	<b>1.5kW</b>
<b>Main motor</b>		<b>7.5kW</b>	<b>15kW</b>
<b>Amps</b>		<b>32</b>	<b>45</b>
<b>Electrical Supply</b>		<b>3x 415 volt</b>	<b>3x 415 volt</b>
<b>Machine Dimensions (mm)</b>	<b>A</b>	<b>3650</b>	<b>5160</b>
	<b>B</b>	<b>1850</b>	<b>1850</b>
<b>Hopper Width</b>	<b>C</b>	<b>800</b>	<b>1200</b>
<b>Hopper Depth</b>	<b>D</b>	<b>800</b>	<b>1200</b>
<b>Loading Height</b>	<b>E</b>	<b>1600</b>	<b>1845</b>
	<b>F</b>	<b>1900</b>	<b>2200</b>
<b>Machine Weight</b>		<b>800kg</b>	<b>1250kg</b>
<b>Throughput/EPS</b>		<b>90kg/h</b>	<b>220kg/h</b>

**WASTE CONTROL**  
INTERNATIONAL

## Polystyrene Compactor

EPS Dust, Polypropylene Packaging, Polyurethane Packaging, and More.



420 Main Avenue • Neche, North Dakota 58265  
701.886.7630 • Toll Free: 1.866.417.8711 • Fax: 701.886.7649

# Waste Control International's New Polystyrene Compactor

## Operation

The WCI Polystyrene Compactor's advanced technology makes it capable of compacting large throughputs of material. It has the ability to maintain a high compaction rate throughout operation on a continuous basis. In addition, the WCI Polystyrene Compactor is a very low maintenance machine.



## Volume Reduction

These compactors are especially designed for densifying packaging foam, a difficult material, which it compacts at a volume reduction of up to 40:1 and does so at incredibly fast throughput rates. These machines are also suitable for EPP foam and polyurethane. We are willing to try any expanded materials through our demonstration machines.



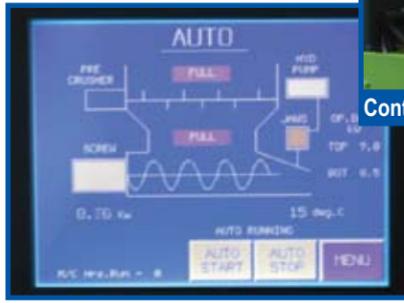
**Suitable for:**

- EPS Polystyrene Fish Boxes
- EPS Polystyrene Packaging
- EPS Dust
- Polypropylene (EPP) Packaging
- Polyurethane Packaging
- Polyurethane Insulation Foam

Optimum compaction performance with fast, continuous throughput.

## Technology

The SC 3000 has a standard hopper that enables it to take slabs up to 1200mm wide. The polystyrene is crumbled by a pre-shredder that is built into the hopper, producing pieces about 8cm square. These pieces then fall into the crushing chamber and are compacted while being forced through an adjustable tube. The SC 3000 will compact polystyrene at a volume reduction of approximately 40:1 and at a rate of 180-250kg per hour, which is as fast as an operator can realistically feed it. A dense square block is ejected and can be stacked easily on a pallet. There is an option of ejecting the compacted material into a polythene tube that can be sealed to ensure a clean, hygienic area.



## Models



**SC 2000**  
This machine will handle 70-90kg of EPS per hour (depending on its density) and will make a block with dimensions of 240x240mm (variable length).



**SC 3000**  
This machine handles 180-250kg of EPS per hour (depending on its density) and will make a block with dimensions of 370x370mm (variable length).

## Maximum Payload

The SC 3000 model makes a compacted block which will stack perfectly into a container. This will ensure a maximum payload is maintained for export.

### Maximum Revenue

These machines, despite the powerful compaction forces, will actually densify the expanded foams without changing their color. White material will stay white to ensure you receive the maximum revenue for the compacted material.



## Low Maintenance

Low maintenance means low running costs and maximum running time. Ask our sales or service team about maintenance costs and back-up service.

