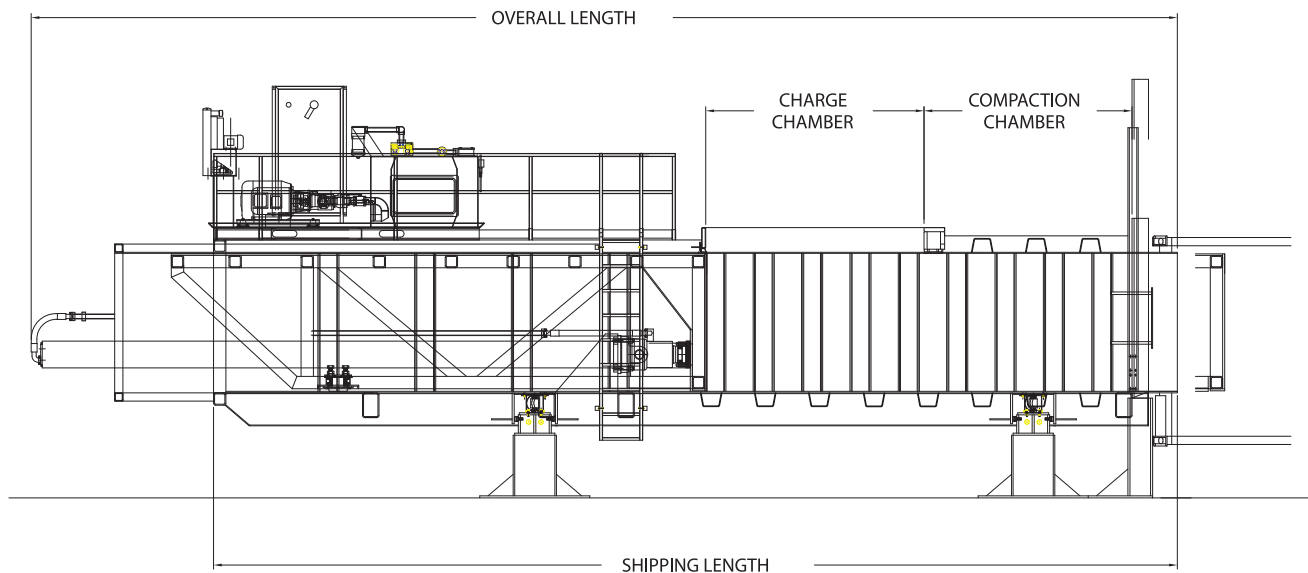




## 2000PC/PL PRE-CRUSHER AND PRE-LOAD COMPACTOR

SSI's 2000PC Pre-Load Compactors are self-contained units that compact material while providing greater payload in every container



Transfer solid waste more efficiently with a versatile compaction system. SSI's ruggedly constructed compactors consistently deliver the maximum legal payload day in and day out. High density solid waste compaction produces clean, efficient transfer to highway trailers and containers. SSI compaction systems are self-contained units that compact material within the compaction chamber, independent of a transport vehicle.

### 2000PC/PL COMPACTORS CAN BE USED AS:

#### Stationary Compactor

Simply raise the compaction gate — load waste into the charge chamber and push waste directly into containers.

#### Pre-Crush Compactor

Close the compaction gate — load bulky waste into the charge chamber and crush waste against the compaction gate — lift gate and discharge directly to container.

#### Pre-Load Compactor

Close the compaction gate — load waste into the charge chamber and compact waste into the compaction chamber to reduce waste volume and extricate liquids from the waste stream. Repeat until compaction chamber is full of compacted waste, open compaction gate and push the compacted waste into the container.

### 2000PC/PL COMPACTORS INCLUDE:

- Charge Chamber
- 100 tonnes of Compaction Force
- Compaction Chamber
- Reciprocating Platen
- Guillotine Compaction Gate
- Designed to ship in standard containers.
- Electronic weigh system ensures uniform pre-weighed bales for maximum legal loading.
- Full length constant density compaction force provides equal weight distribution throughout payload length.
- Valuable frequency motor controls for reduced energy consumption.
- Automatic Compaction Program Controlling In-Feed Conveyor Systems



## COMPACTOR SPECIFICATIONS

Overall Size	2,311mm (W) x 4,645mm (H) x 14,138mm (L)
Size of Compactor Chamber	2,000mm (W) x 1,721mm (H) x 2,565mm (L)
Capacity (Charge Chamber)	9.86m <sup>3</sup>
Capacity (Compaction Chamber)	8.83m <sup>3</sup>
Theoretical Rating (Throughput)	66 tonnes/hr
Size of Ram Head	2,000mm (W) x 1,721mm (H)
Length of Stroke	6.4m
Maximum Extension Into Container	0.89m
Maximum Force Applied to Ram Head	1,048kn
Normal Force Applied to Ram Head	943kn
Motor Horsepower	56kw
Motor Voltage	380v/3ph/50hz

## HYDRAULIC CYLINDERS

Number of Hydraulic Cylinders	1
Bore Size	254mm
Stroke	6.4m
Working Pressure	18,615,844 (2,700 psi) n/m <sup>2</sup>

## AVERAGE CYCLE TIME

Empty (low pressure)	32 seconds
Packing (low pressure)	33 seconds
Packing (high pressure)	57 seconds
Motor Horsepower	56kw
Specification	254mm bore x 6,400mm Cylinder

Note: Illustrations, specifications and descriptions presented reflect standard product at time of publication and are subject to change without notice. Dimensions are approximate. Photographs may include optional equipment and accessories. SSI offers compactors, balers, granulators, conveyors and classifiers as well as specialized motors, stands, hoppers, and mobile configurations. Consult factory to discuss your processing needs.

## SSI ADVANTAGES

### DESIGNED FOR EASE OF OPERATION

Boxed, tubular exterior strengthens design and reduces housekeeping.

### USER-FRIENDLY CONTROL PANEL

Automated troubleshooting with touch screen visual displays of bale length/weight, compaction pressures and more.

### ENGINEERED FOR RELIABILITY

Simple, rugged design with single-stage compaction cylinder, jam relief and self-positioning chamber cover lid.

## COMPACTOR BOX WALL

Thickness of Plate	15.9mm
Material of Plate	A514 (T-1, 100,000 psi yield)

## COMPACTOR BOX FLOOR

Thickness of Plate	19mm
Material of Plate	A514 (T-1, 100,000 psi yield)

## RAM HEAD

Material	A514 (T-1, 100,000 psi yield)
Face Plate Thickness	25.4mm
Top Plate Thickness	19mm
Side Plate Thickness	15.9mm

## SPEED OF OPERATION

Forward Stroke (low pressure)	200mm/sec (Regan Mode)
Return Stroke (low pressure)	430mm/sec
Forward Stroke (high pressure)	69mm/sec
Time Taken for Change in Direction at the End of Forward and Return Stroke	5 seconds

### DEPENDABLE DENSITY

Single stage hydraulic cylinder produces constant density compaction that aids proper payload weight distribution.

### FACTORY-DIRECT SUPPORT

24-hour technical support. Factory-direct modem linked to system controls for on-line troubleshooting and operations assistance.

### PROVEN RECORD OF SUCCESS AT TRANSFER STATIONS WORLDWIDE