

## Greater payloads every trip

### SSI offers:

- Pre-formed payloads of 20 to 40 tons
- Compaction forces from 200 to 400 tons
- MSW compaction density to 1,200 pounds per cubic yard
- Throughput rates from 25 to 140 tons per hour

Transfer solid waste more efficiently with a versatile SSI pre-load 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 as well as intermodal rail and barge containers.

SSI compaction systems are large self-contained units that compact material within the compression chamber-independent of a transport vehicle. No trailer damage! So, use lighter weight transport equipment to achieve greater payloads.



SSI compactors automatically form payloads to a pre-determined size and weight based on your input specifications. SSI Model 4500, single bale system, pictured here.

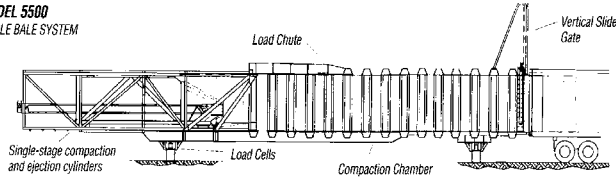
### Realize maximum payloads:

- Electronic weigh system ensures uniform pre-weighed bales for maximum legal loading.
- Variable compaction control adjusts material density and bale length to fit your trailer or container fleet.
- Full length constant density compaction force provides equal weight distribution throughout payload length.
- Ejection system accurately positions loads to achieve optimum and legal weight distribution.
- Free standing compacted loads allow you to use lighter tare weight hauling equipment, resulting in increased net payloads.

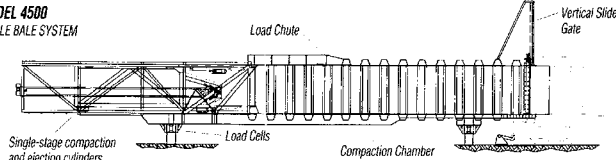
### Reliability and durability you can trust

- **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 and ejection cylinder(s), jam relief, and self-positioning chamber cover lid.
- **Dependable density**  
Single stage hydraulic cylinders produce constant density compaction that aids proper payload weight distribution on transport axles.
- **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**

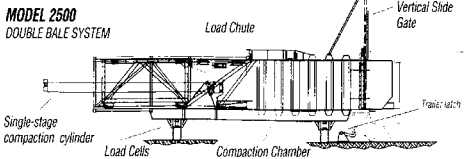
**MODEL 5500**  
SINGLE BALE SYSTEM



**MODEL 4500**  
SINGLE BALE SYSTEM



**MODEL 2500**  
DOUBLE BALE SYSTEM



Constant density 25-ton payload in trailer (Top cover removed for photo.)

MODEL SPECIFICATIONS	2500	2500-S(P)	4500	4500-SP	5500
<b>Bale size</b>	7' x 7' x 13'	7' x 7' x 17'	7' x 7' x 33'	7' x 7' x 34'	7.5' x 8' x 34'
<b>Bale weight</b>	10 tons	13-15 tons	25-30 tons	30-35 tons	40 tons
<b>Compaction fore</b>	200 tons	200 -260 tons	200 tons	260 tons	400 tons
<b>Total cycle/bale</b>	10-15 minutes	12-14 minutes	15 minutes	18 minutes	20 minutes
<b>Horsepower</b>	100-200 HP	200 HP	200 HP	250 HP	300 HP
<b>Rate per hour*</b>	35-55 tph	65 tph	100 tph	100-120 tph	120-140 tph
<b>Shipping weight**</b>	12-117,000 lbs.	125-135,000 lbs.	165,000 lbs.	181,000 lbs.	215,500 lbs.
<b>Overall length**</b>	63' 5"	70' 6"	87' 3"	88' 4"	88' 4"

\* Compactor throughput is dependent upon hopper charging loading times and container availability. This rating assumes 30 second average hopper fill times, container availability, 50,000 lb payloads, and 350 lb/yd<sup>3</sup> feed material

\*\*\* Excluding power unit

Auto or manual operation with Allen Bradley Panelview touch screen. Remote operation available with or without 6" LED display.

**Cylinder** 24 months  
**Other Parts** 12 months

**Type** Electronic  
**Load Cells** 2 front, 2 rear  
**Accuracy** ± 1%

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 shredders, balers, granulators, conveyors and classifiers as well as specialized motors, stands, hoppers, and mobile configurations. Consult factory to discuss your processing needs.



SSI compactors position and balance the legal load while minimizing impact and wear on transfer vehicles.