

PRE-LOAD COMPACTION SYSTEMS

SSI' line of pre-load transfer station compactors maximize payloads to pre-determined sizes and weights based on your input specifications

SSI's pre-load compactors consistently deliver the maximum legal payload day in and day out to transfer solid waste more efficiently. 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 OFFER:

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

REALIZE MAXIMUM PAYLOADS

- Electronic weigh system ensures uniform pre-weighted 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.

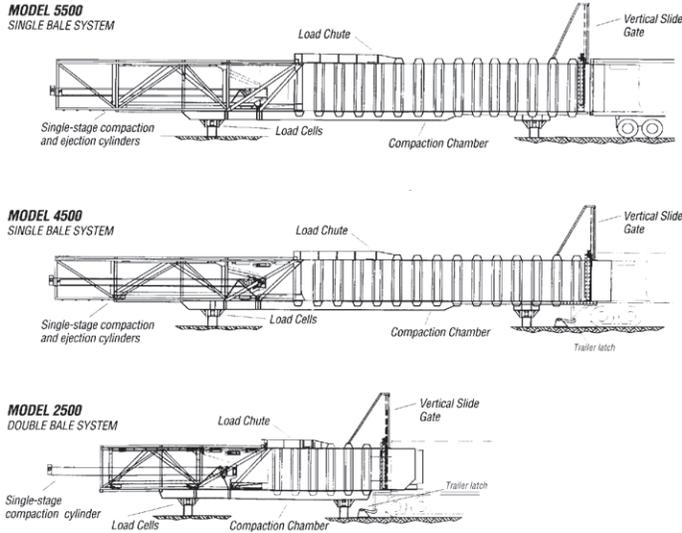
DEPENDABLE DENSITY

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



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

| MODEL SPECS | 2500 | 2500-SP | 4500 | 4500-SP | 5500 |
|-------------------|----------------|-----------------|---------------|---------------|-----------------|
| Bale Size | 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' |
| Bale Weight | 10 tons | 13-15 tons | 25-30 tons | 30-35 tons | 40 tons |
| Compaction Fore | 200 tons | 200-260 tons | 200 tons | 260 tons | 400 ton |
| Total Cycle/Bale | 10-15 minutes | 12-14 minutes | 15 minutes | 18 minutes | 20 minutes |
| Horsepower | 100-200 HP | 200 HP | 200 HP | 250 HP | 300 HP |
| Rate Per Hour* | 33-55 tph | 65 tph | 100 tph | 100-120 tph | 120-140 tph |
| Shipping Weight** | 12-117,000 lbs | 125-135,000 lbs | 165,000 lbs | 181,000 lbs | 215,500 lbs |
| Overall Length** | 63'5" | 70'6" | 87'3" | 88'4" | 88'4" |

Auto or manual operation with panel view touch screen.

Remote operation available with or without 6" LED display.

Cylinder 24 months

Other Parts 12 months

Scale Type Electronic

Load Cells 2 front, 2 rear

Accuracy ± 1%

* 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/yd³ feed material

** Excluding power unit



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

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