

**SCRAP COMPACTION FOR
MAXIMUM EFFICIENCY**

**CUTTING FLUID & COOLANT
RECOVERY/RECYCLING**

**PRODUCT
DESTRUCTION**



SP Industries specialized compaction & material handling solutions...

Scrap metals and related recycling processes

SP Industries manufactures high quality systems designed to make any metal recycling operation more efficient. We can accommodate a wide range of scrap metals from small metal chips to motor vehicles, as well as the associated fluid byproducts from metal processing.

The SP Advantage

SP Industries builds machines to last. We have a 30 year history of building performance solutions for industry leading companies in automotive, machining, petrochemical, pharmaceutical, food & beverage, transportation and hospitality.

We design and manufacture a comprehensive standard line of compactors, precrushers, transfer station equipment and cart dumpers to meet small-to-large capacity operations.

- Locally available through nationwide network of factory-trained dealers and distributors
- Nationwide installation and service
- Best-in-industry warranty program

Focus on Metals

Metal fabrication, machining centers and scrap metal processors use SP Industries equipment for three primary applications:

- **Metal compaction & recycling**
(see page 2 example)
- **Cutting/coolant fluids and oil recovery/recycling**
- **Product destruction**

Performance, Durability #1

All our systems are designed for site-specific installation including closed top containers, bar grate corridors, and an extremely efficient, environmentally-friendly coolant recovery process.

Both our industrial compactors and precrushers maximize compaction force, allowing you to fill containers to their true capacity, resulting in fewer loads. All of our equipment meet current ANSI Z245.2 Safety Standards for Compaction Equipment, and are constructed of AISI grade steel with structural steel reinforcements.



1/3 to 13 cu/yd capacity compactors are tailored to meet specific application and facility requirements

3 to 9 cu/yd capacity precrusher compactors are tailored for extreme compaction requirements and product destruction



We help move waste and recycling material through and out of the facility with a variety of cart dumpers and lifts that reach up to 30 ft and handle load capacities to 8000 lbs





SP Industries Metalwork Application Example:

Reduce Scrap Metal Processing Cost, Space, Time Compaction for Metal Scrap, Chips, Clips and Turnings

SP compactors save scrap processors and metal recyclers thousands of dollars in processing and transportation costs, plus save space and labor resources.

Problem:

An automotive component client creates large volumes of valuable metal scrap which is loaded into 80 yd containers for disposal. Averaging just 7 to 15K lbs of scrap per container, however, requires four of these space-consuming containers to meet the steady flow of trips to the recycling facility.

SP Solution:

We replaced the four 80 yd containers with two 3 yd compactors (*top left*), with mating 70 yd roll-off containers (*top right*).

Scrap Processing Improvements:

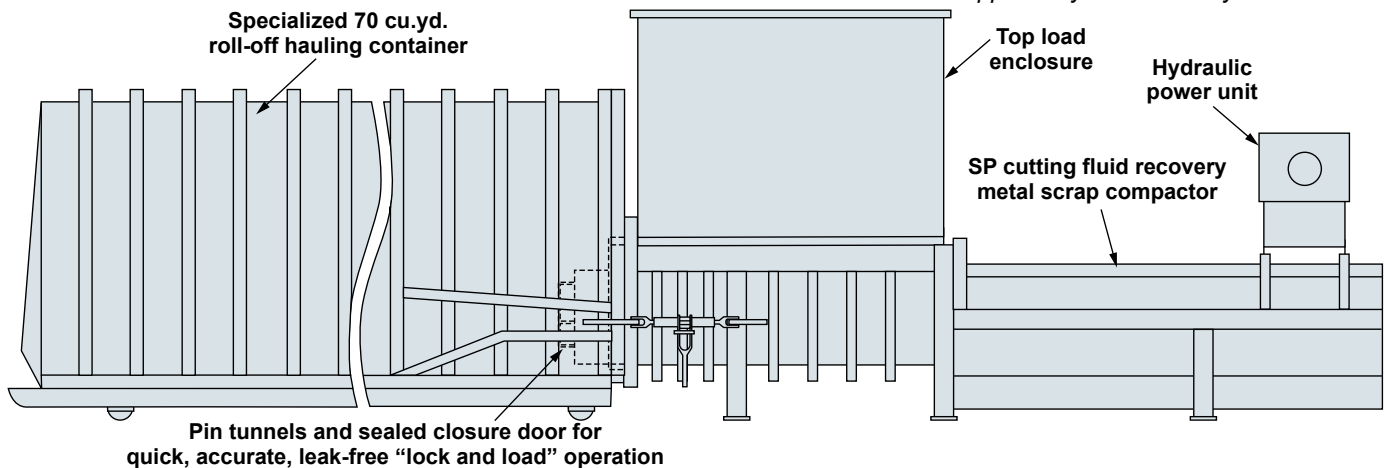
- Reduces scrap operation footprint with less congestion
- Consistently maximizes loads averaging 50K lbs each (still well beneath the state hauling limit)
- 12x greater compaction significantly reduces hauling time and cost for much more efficient use of people and equipment resources
- Fast, easy, automated — programmable, automatic start when the compactor chamber is full; <1 minute cycle time
- Container filling time is as little as 90 minutes
- Closed “lock and load” container system eliminates water contamination and material spillage when the container is pulled away from the compactor

Looking for more info?

Click on any of these links to access free downloads available from our website:

- [Comprehensive compactor design guide](#)
- [Complete performance & specifications on all metal processing equipment](#)
- [Application worksheet](#)
- [Compactor installation, operation and service manual](#)

Our team of application experts are available to assist you to find the best solution to meet your application requirements. Please call or email us with your questions. We welcome the opportunity to work with you!



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