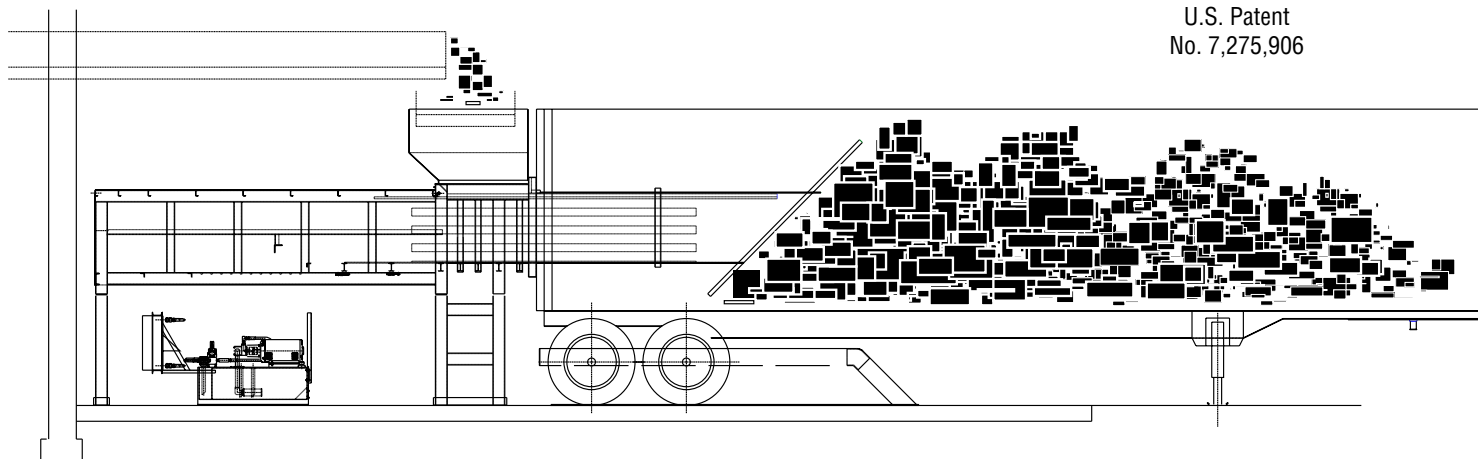




U.S. Patent
No. 7,275,906

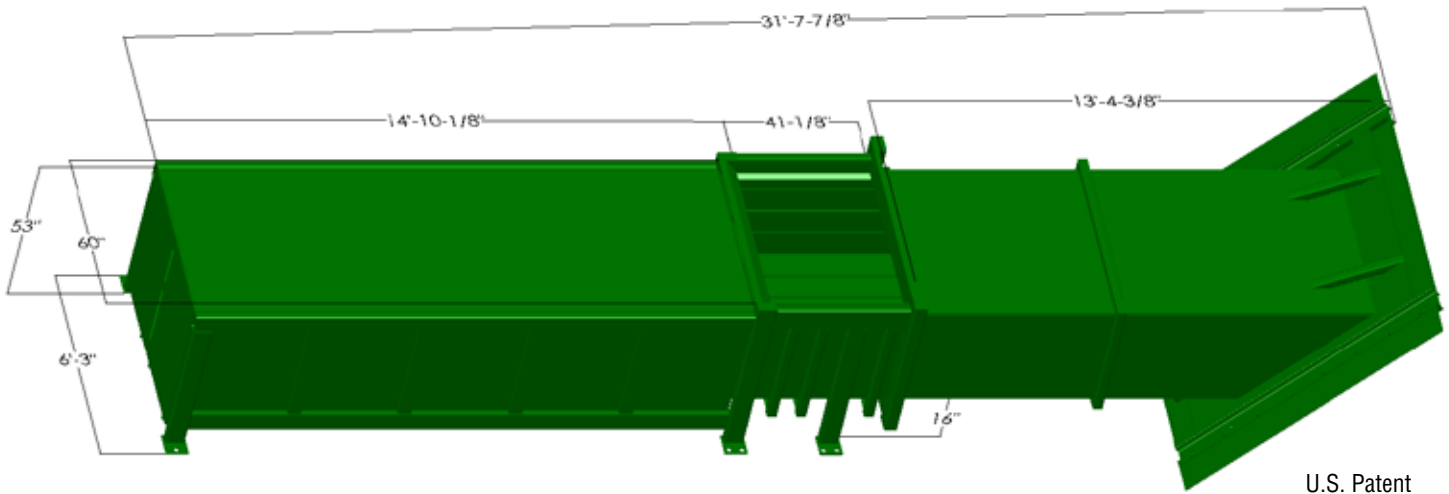


ONP Scrap Loader System

Model NP-165

500 Tons per Month

- Proven, Patented, Performance.
- Provides Mills with Ready to Process Product
- Reduces Labor – Reduce Handling
- System can be Fully Integrated into your production process to provide “Hands Free” scrap processing. Reduces injuries due to lifting and straining.
- Meets or Exceed ANSI Z245.2 Safety Standards.
- Quality Electrical and Hydraulic Components – Specified for dependability, serviceability and nationwide availability.
- Outperforms Traditional Scrap Systems
- Industry’s Leading Warranty
Three Years on Ram and Frame Assemblies.
One Year on All Parts.
One Year on Labor.



Base Unit Weight 19,000 Lbs.

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Standard Features

- | | | |
|--|----------------------------|---|
| • Frame: Floor, Work Hardening Steel Plate | 1/2" | • All Weather Hydraulic Oil (-30 Degree Rating) |
| Floor Supports | (6) S4 x 7.7# | • Motor: 20 H.P. Tri-Volt 3 PH.
(FC: 30 H.P. Tri-Volt 3 PH.) |
| Side Plates | 3/8" | • Pump: 30 GPM, (FC: 45GPM)
Constant Vane Type |
| Side Supports | TS 6" x 3" x 1/4" | • Cylinder: 7" Bore x 5" Rod x 150" Stroke |
| | C4 x 7.25# | • System Pressure Gauge |
| Ram Hold Down Bar | 1" x 2" Bar | • UL Listed Electrical Components |
| Breaker Bar | 1-1/2" x 8" Vertical Bar | • Controls In Main Panel: |
| Weldment | 1" x 4-1/2" Horizontal Bar | Key Lock On/Off Switch |
| • Bar Grate System AISI 1045 | 1/2" x 4" | Emergency Stop Button |
| • Ram: Face Plate | 3/4" | Motor Running Light |
| Floor Plate | 1" | Automatic Multi Cycle |
| Side Plates | 3/8" | Automatic Safety Retract |
| Top Plate | 1/2" | Ram Position Switch |
| Top Supports | C6 x 13# | Cycle Count System |
| Guide System | Adjustable Nylatron Blocks | Advance Full Load Indicator |
| • Removable Access Panels | | Full Load/Jam Indicator Light |
| • Remote Power Unit | | • Keyed Ext./Ret. Override System (Remote Mount) |
| • Reservoir: 100 Gallon Capacity | | • Auto De-Jam Cycle System with Override
(Short Stroke System) |
| • Oil Sight Gauge w/Thermometer | | |
| • Cycle Time: 74 seconds | | |



ENVIRONMENTAL INDUSTRY
ASSOCIATION



WASTE EQUIPMENT
TECHNOLOGY ASSOCIATION



ISRI
Institute of
Scrap Recycling
Industries, Inc.

Optional Features

- | | |
|--|--|
| • Conveyors | • PLC Integrated Controls |
| • Cart Dumpers | • Sonic Starting System |
| • Equipment Stand for Trailer Loading | • Hot/Low Oil Indicator with Shut-off |
| • Trailer Guide System | • UL Certified Panel |
| • Dolly-Lok Trailer Restraint System with Indicators | • Power On Light |
| • Traffic Light System (Green-Go/Red Stop) | • Trailer Position Switch w/
Indicator |
| • Air to Oil Cooler System | • Monitor w/ Alert System |
| • TEFC Motor | • Factory Supervised Start-up and
Training |
| • Main Controls on 10' Cable | • Fast Cycle Option (30HP Motor &
45GPM Pump) |
| • Safety Interlock System | |
| • Flashing Strobe Indicator Light | |
| • Remote Control Enclosure | |

!CAUTION! This equipment should be operated by properly trained personnel. Improper use, misuse or lack of maintenance could cause injury to people and/or property. Photos used in this brochure are illustrative only. Due to its commitment to quality, SP Industries' specifications are subject to change without notice to accommodate improvements to its equipment. Information contained within this literature is intended to be the most accurate available at the time of printing.