



DESTRAPPER (DS 4/DS 5/DS 6/DS 8)

Material Handling



BW Integrated Systems' Destrappers operate at the infeed line to a Depalletizer and automatically remove the plastic holding straps from pallets of cans, glass, PET bottles, and more. Once the strap is removed, the system advances the load to the next station for top frame removal and/or Depalletizing, while the straps are processed in a granulator.

Destrapper (DS 4/DS 5/DS 6/DS 8)

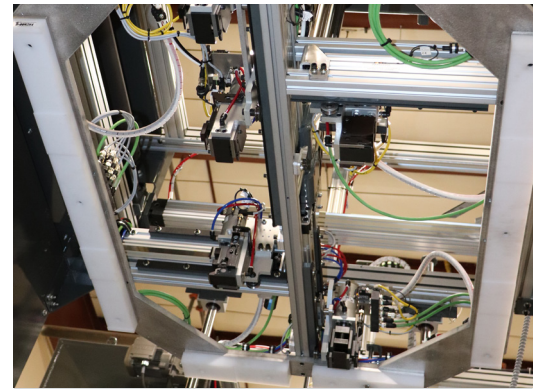
As pallet load enter the Destrapper, load stabilizers descend to hold the pallet. Cutting heads then drop down and the straps are located and cut. Straps are then lifted and await the gathering roller which engages the straps against a pinch roller. The rollers turn together to feed the straps into a granulator which chops and deposits them into the client's container. The pallet load stabilizers lift and return to their home position, the gathering roller returns to its home position, and the pallet is discharged.

Additional features include strap detection, quick disconnect sensors, PanelView touch-screen with diagnostics, and a strap granulator with two disposable options (either gravity unloading into a recycle box or removal via a vacuum/blower to a relocated recycle box).

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Destrappers can benefit your company.

FEATURES

- Reduced labor costs - eliminating the need for an operator to remove and feed straps into a chopper before infeed to the Depalletizer
- Simple controls allow an operator to set the machine and leave it unattended for extended periods of operation
- The pneumatic and electrical operating system consumes very little power
- Razor sharp knives cut straps into fine, 1/4" or smaller, granules for easy disposal and recycling
- Pallet load heights can vary as much as 24" and still be accommodated
- Cutting head assembly and other areas of the machine are easily accessed for cleaning and maintenance
- Variations for 4, 5, 6, and 8-strap configurations
- Improves safety by removing a hazardous process from human hands, as tensioned straps do not need to be cut with a knife or shears



Destrapper cutting head assembly



Destrapping a pallet of cans



Destrapping a pallet of bottles