Today almost every industry is involved with organic substances such as paint, powder coating, plastic or rubber at some stage of its production process.

Removing plastic or paint coatings from metal parts, finished products or production components made of metal is a widespread problem.

Modern coatings and plastic bond very strongly and traditional cleaning and stripping methods are becoming outdated. They demand costly labor and energy as well as possible health hazards for the operators. These traditional methods often damage or deform parts and can result in water and air pollution.

KeppelSeghers is a world leader in fluidized bed cleaning with over 700 installations worldwide supported by first class after sales parts and service. The Seghers Fluid Clean is a unique and total cleaning solution for a wide variety of organic substances in all industries, providing a combination of thorough cleaning, short cleaning cycles and ease of operation. There is more to the Seghers Fluid Clean. As well as cleaning your metal parts thoroughly, our installations also ensure a clean and healthy solution for both the environment and your operators.
Keppel Fluidised Bed Organic Coatings Strip & Clean Oven

Modern coatings and plastics bond very strongly to surfaces and traditional cleaning and stripping methods like burning, chemicals and hammering are no longer adequate. They are not only insufficient for thoroughly removing modern organic materials; they also demand many unhealthy and costly labour hours, damage or deform costly parts and result in air and water pollution.

Kemple Seghers Fluid Clean fluidised sand bed thoroughly removes organic substances such as paint, powder coating, plastic, polyesters, and rubber from all metal alloys.

These machines can be found in a wide variety of industries with over 700 installations world-wide. They ensure a clean and healthy stripping alternative to more traditional methods.

The fluidised sand bed offers many benefits including fast cleaning times, optimal results, no abrasive damage to tools or parts, and a high operating capacity with low operating costs.

Applications

Easy and thorough removal of all types of paint and powder coatings, Seghers Fluid Clean installations remove:

• All possible organic substances: Powder coatings, e-coat, clearcoat, cured wet paint, water-based paint, varnish, metallic paint etc.
• From all kinds of large metal parts: Hooks, frames, jigs, grates, reject parts, and baskets etc.

In every industry:

The Seghers Fluid Clean installations serve OEMs and end-users in:
- Appliances (washers, refrigerators, air conditioners...)
- Locks & Metal Frames
- Ceramics
- Furniture & Shelving
- Automotive (cars, trucks, motorcycles, agricultural machinery, trailers...)
- Sub-Automotive
- Garden Appliances
- Lighting Fixtures
- Heating Equipment & Radiators
- Contract Cleaners
- Custom Coaters
- Road Signs & Light Poles
- Toy Industry and many more.

Advantages

• Thorough cleaning
• Short cleaning cycles
• No hot spots to damage your parts, as sand temperature is uniform throughout the bed
• Suitable for removing difficult organic compounds like PVC, PTFE, rubber etc.
Keppel Fluidised Bed Organic Coatings Strip & Clean Oven

- Easy to operate and smooth material handling
- Low maintenance cost
- Low energy cost
- Environmentally-friendly technology (no toxic chemical involved and no hazardous waste/wastewater generated from the process).
- No damage or distortion of body skids and paint shop components
- Excellent cleaning results
- Minimal labor needed to operate
- Flexible design & operation
- Fast cleaning (Typical cleaning cycle 30-90 minutes)

Application Areas
- Jigs, Hangers and Gratings for paint removal in Paint shop.
- Rubber denuding from metal.
- Aluminum De-coring from Castings.

Stock Code: OR1171
Manufacturer: Keppel
Model: B18. 10. 14
Year of Manufacture: 2002
Serial: 410278
New or Used: Used
Work Envelope (WxDxH): 1800 x 1000 x 1400
Process Stages: 480°C
Other Info: Fluidised bed jig strip

View Keppel Fluidised Bed Organic Coatings Strip & Clean Oven on our web site at http://www.rileysurfaceworld.co.uk/machines/24143.htm

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.