

Sustainable Catalyst Packaging & Logistics Services



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MISSION | VISION | VALUES

Hoover CS is paving the way for customers across the chemical, refining, and general industrial-end markets to move away from single-use containers. Through its large rental fleet of reusable liquid and dry Intermediate Bulk Containers (IBCs) and ISO tanks, combined with integrity management and fleet management services, Hoover CS's sustainable packaging solutions facilitate circularity across the supply chain, yielding an optimized environmental footprint through reduced plastic, water conservation, and lower greenhouse gas emissions.

Mission

To empower environmental responsibility through sustainable packaging solutions.

Vision

To make sustainable packaging the standard in the industries we serve.

Values

At Hoover CS, our team believes that for every sustainable packaging solution we deliver, we're contributing to our customers' sustainability goals, enabling circularity across another supply chain, and making a positive impact on the environment around us.



Care

Believing in the impact of our work while prioritizing safety above all else



Share

Supporting one another with our knowledge, talents, and recognition



Deliver

Measuring what matters most while continually employing best practices



Safety

Zero incidents. Zero injuries. Every day, we strive to achieve Goal ZERO.

We believe that no job is so urgent that it can't be done in a safe and responsible manner. We aim to protect ourselves, our fellow employees, and the environment from harm through our Goal ZERO Program.

From site visits and trainings to tank restoration and unloading, being safe in all that we do is a core principle here at Hoover CS.



CONTRIBUTING TO YOUR CIRCULAR SUPPLY CHAIN

Bring circularity into your supply chain by harnessing Hoover CS's reusable catalyst packaging solutions. As the largest global supplier of Catalyst Bins, Hoover CS is truly the industry standard for the storage, handling, and transportation of fresh, spent, presulfided, and precious metal catalysts. At every step of the journey, we're here to help your company lead by impact - from start, through delivery, and for the future.

THROUGH DELIVERY

Your catalyst is safely contained - and its journey is efficiently managed by Hoover CS.





FROM START

We design your catalyst packaging and logistics solution just as carefully as we design our highest-quality reusable containers.



FOR THE FUTURE

Show the world how you create more value with less waste. It's an impact for good on your company's future and our world's.

 <p>Increase reusable packaging</p>	 <p>Support reduction in plastic waste</p>	 <p>Reuse and conserve water</p>	 <p>Support a Circular Economy</p>
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CONTRIBUTING TO YOUR SUSTAINABILITY GOALS

Hoover CS is proud to support the Sustainable Development Goals and do our part to provide environmentally responsible packaging solutions. From climate change to responsible consumption & production, here's how we contribute to the Global Goals, and yours.



SDG 6 – Clean Water & Sanitation

Through our state-of-the-art water reclamation process, we're able to reuse approximately 95% of all water used to wash, flush and service tanks.



SDG 13 – Climate Action

We're able to reduce carbon emissions and overall waste through our fleet of reliable, reusable, and leak-proof packaging solutions, helping combat climate change.



SDG 12 – Responsible Consumption & Production

As an environmentally responsible packaging supplier, we provide reusable, circular packaging versus single-use containers.



SDG 17 – Partnerships for the Goals

Eliminating plastic waste from entering our oceans and rivers is of the utmost importance to us, which is why we participate in clean up events and recycling initiatives.

ecovadis

Business Sustainability Ratings

Hoover CS is an EcoVadis Medal recipient for sustainability practices and performance. Ask your representative for our current rating.

SUSTAINABLE CATALYST PACKAGING

Hoover CS's rental fleet of reusable Catalyst Bins support the storage, handling, and transportation of fresh, spent, presulfided, and precious metal catalysts within the petroleum refining, gas processing, and petrochemical manufacturing industries. With over 30 years of industry-leading experience, Hoover CS provides comprehensive packaging and logistics solutions for your catalyst management needs.

Our Catalyst Bins are UN-11AX approved, hermetically sealed, and designed to prevent leakage and spills. We build each Catalyst Bin with safety in mind to package hazardous waste and materials using high quality carbon and stainless steel, prioritizing container integrity and dependability.

Designed with recyclable construction materials and a shelf life of 25+ years, Hoover CS Catalyst Bins have a lower environmental footprint – proving to be an environmentally responsible alternative to disposable, single-use drums and sacks. Each Catalyst Bin has the same storage capacity as 10 drums (2,000 liter/550 gal) which means workers only have to handle a single Bin versus ten individual drums.



Attributes of Catalyst Bins

- Hinged lid
- Eye bolt lid closures
- Purge Plugs top deck & bottom funnel
- Lifting points - 2-point or 4-point lugs
- Stacking pads
- Barcodes
- UN Data plate
- Slide gate
- 4-way fork pockets
- Sure Lock™ locking system

Features

- 3.4mm carbon steel &/or stainless-steel construction
- Hermetic seal for an airtight packaging environment
- Weatherproof for outdoor storage
- 100% mechanical handling



North America

- 37FT3 – for units that require lower than normal dump nozzles
- 87FT3 – for outdoor storage and can be stacked two high



Europe, Asia and Middle East

- 1M3 – for units that require lower than normal dump nozzles
- 2M3 – for large volumes of dry bulk materials



Specialty Catalyst Bins

- Inverter Bin – for wetted and saturated catalysts
- SPA Bin – fully removable top lid with 60 ft3 capacity
- Additive Bin – sloped hopper cone design for dry chemicals
- X-2 – flexible packaging option for extended transport duration
- Custom Catalyst Bins available in stainless steel and carbon steel



CATALYST SERVICES & LOGISTICS

All Hoover CS Catalyst Bins are thoroughly reconditioned after each use to ensure optimal integrity, serving as a trusted solution for domestic and international transport. We provide a full range of expert services to ensure valuable catalysts are precisely and efficiently handled, including repackaging, transfer, logistics, hazardous materials & waste transportation, security & real-time tracking services. Each step contributes to supply chain improvements that optimize performance and reduce costs.

Additionally, Hoover CS can provide support for your own assets as well through our range of bin services which include tank cleaning, reconditioning, and regulatory recertifications. We make the process easy on your operations and positive for the environment.

Catalyst Transfer & Warehousing

Let us help you reduce your onsite labor, plant real estate, and expedite your start up with our safe and efficient transfer and repackaging services.

- Repackaging catalyst or support materials into alternative packaging
- Accurate account and reporting of all materials
- Warehousing and strategy
- Just-in-time delivery



On-site Logistics

- Staging
- Segregation
- Documentation
- Placarding

Discuss with your representative for a full selection of capabilities.

Transportation Logistics

- Truck
- Rail
- Sea

Catalyst movements around the world are facilitated by our Catalyst Bins that are fully compliant with international standards.

- UN
- IMO/IMDG
- Transport Canada
- 49CFR



HIGH SECURITY SEALS

Hoover CS's High Security Seals provide protection for valuable catalysts. Designed for only our Catalyst Bins, the security system secures the slide gate assembly and lid with a steel cable and locking mechanism stamped with an ID number. The bottom slide gate assembly is secured with a locking device and plastic band. Prior to filling the Catalyst Bin, the closed bottom slide gate is locked and the security seal is installed. Once loaded, the slide gate assembly and lid are secured. The tamper-proof system helps prevent loss and ensure catalyst integrity.



FLEET MANAGEMENT

Hoover CS provides 24/7 access to real-time and historical Catalyst Bin data through our portfolio system - a secure, custom interface - providing process transparency that supports decision-making and planning. Our software streamlines the business process and improves operations. Each Catalyst Bin is assigned a bar code that is scanned and maintained in our database. Customers, vendors, and Hoover CS personnel can access detailed information about the location and status of catalysts.

- Job lists – serial numbers
- Catalyst Bin counts
- Hoover CS job number
- Job status
- Purchase order numbers issued
- Date information



OTHER SUSTAINABLE PACKAGING OPTIONS

While being the largest global supplier of Catalyst Bins, Hoover CS is also proud to supply one of the largest mixed fleets of reusable liquid intermediate bulk containers (IBCs) and ISO tanks suitable for the needs of refineries and petrochemical companies.

Liquid IBCs

Hoover CS reusable IBCs are an environmentally responsible alternative to single-use packaging and are the ideal solution for the storage and transportation of liquids, chemicals, and other raw materials and products.

Our rental fleet of IBCs are offered in a variety of standard and specialty sizes with side, center, and front drain valve options.

Standard Sizes

- 350 Gallon / 1,325 Liter
- 550 Gallon / 2,082 Liter
- 793 Gallon / 3,001 Liter

ISO Tanks

Hoover CS's ISO Tanks are an ideal solution for the storage and transportation of hazardous and non-hazardous bulk liquids and chemicals within North America.

Standard Sizes

- 5,548 Gallon / 21,000 Liter
- 6,340 Gallon / 24,000 Liter
- 6,604 Gallon / 25,000 Liter



GET IN TOUCH

- Learn more at www.hooversolutions.com
- ? Questions? Email us at info@hooversolutions.com
- ✉ Request a Quote



HOVER CS
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