



CRATING



Benefits of crating include:

- Ease of handling
- Ease of storage
- Protection from physical damage
- Protection from theft
- Protection from elements

Solutions:

- Crating
- Easy Crates
- Bins for Pallet Racking
- Hood Crating
- Spot Crating
- Reusable Crates
- Plywood Boxes
- Empty Crates

When properly constructed, crates provide protection for your product. Cratex has a wealth of experience and knowledge to draw from to ensure that your product is crated properly.

Proper crating means that the product is blocked and banded so that it cannot move or shift inside the crate. Rubber, wood, and cardboard are used to ensure that the strapping and blocking does not damage the product. Care is taken to limit moisture damage through the use of vapor barriers and rust inhibitors. The product is fully enclosed within the crate using sturdy wood and the crate is secured with nails and steel banding. Cratex crates consist of a combination of ½" or ¾" plywood, 2x4's, 4x4's, and 2x10's. An even weight distribution and a solid deck are essential. The crate is finished only after the lid has been secured; IPPC (International Plant Protection Convention) certification markings and consignee markings have been professionally stenciled onto the crate with indelible ink.

Learn more about Cratex Industries at:

- ▶ www.cratexind.com
- ▶ 1-877-450-0880 - Calgary
- ▶ 1-888-484-4769 - Edmonton

At Cratex we have the best solution for your industrial packaging needs!





SKIDS



Solutions:

- Heavy Duty skids
- Light Duty skids
- Stringer skids
- Pallets
- Sea Container skids

Skidding offers basic protection and facilitates handling; this is a cost effective alternative when crating is not required.

Stringer skids are solid and extremely durable. These are often used for heavy material or when the weight of large material is not evenly distributed across the deck of the skid



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POLY



White 8.5 mil Industrial Poly

Industrial 8.5/9 mil poly gives your item protection from water, road contamination and harmful UV rays. This is a cost-effective way to ensure excellent protection from the elements. Contains maximum UV inhibitors with extremely consistent mil thickness.



VCI Rust Inhibiting Poly

VCI Poly is a special and highly used product at Cratex; VCI poly is our best defense against corrosion damage. Overseas shipments require the protection offered by VCI poly because of humidity and salt water. VCI poly allows us to say with conviction and confidence: Your material will arrive at the destination looking the same as when it left!

VCI shrink-wrap for ferrous and non-ferrous metals contains proprietary chemical formulations that release an invisible, odorless, and non-toxic corrosion inhibiting vapor into the air. Molecules settle on exposed metal surfaces and interrupt the electrochemical corrosion process. When the parts are removed from the packaging, the corrosion inhibiting molecular layer will vaporize into the atmosphere leaving behind clean, dry, corrosion free parts ready for immediate use.

A variety of coatings and sprays are available depending upon the nature of the product, the method of transportation and climate storage conditions

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FIELD SERVICES



Solutions:

- Rig moves
- Pipe Bundling
- Reel Lagging
- Shipping Saddles
- Crating
- Poly
- Hood Packages
- Projects

Experienced field crews supported by fully equipped service trucks are on standby ready to be dispatched to your location. Whether your product is large or small, we have the resources to package your material at your site.

Advantages of our Mobile Site Teams being used at locations include reduced cost of handling the commodity, option of packaging large products, and easier accessibility from you the client while we are working on your project.



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HOOD PACKAGING & SPOT CRATING



Hood Crating

Hood crating may be used as a packaging solution for material that is over dimensional or too heavy for a wood deck. It protects your product from theft and damage due to transportation.



Spot Crating

Spot crating can be considered a type of hood crating. Spot crating is usually implemented as a way to protect parts on rigs or large skid units.

Spot crating is also used for trucks or drivable machinery. This kind of crating utilizes hinged doors and sliding plywood windows to allow the product to be protected by a crate and still be drivable. This enables the product to be driven onto a flat bed truck for highway transport or even onto an ocean carrier for overseas transport.



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PROJECTS, CONSOLIDATION & VERIFICATION



Solutions:

- Receive and consolidate freight
- Verify each part number against packing lists
- Notification of discrepancies
- Load crates to client specifications
- Create detailed packing lists and load plans
- Crate markings and Placards
- Finalize documentation



Inventory Verification

Consolidation projects are our specialty. We have covered, heated, and secured storage within a fenced yard which is monitored by video surveillance to ensure the security of the product. Cratex is the optimal point for having your material consolidated, inventoried and packaged.

Throughout the course of the project we will keep you up to date with the material we receive and where we are in the packaging process.

To complement our crating, Cratex is able to consolidate multiple orders and projects and verify inventory specific to our client's specifications. Our projects department is overseen by coordinators with over 20 years expertise in freight consolidation.

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CONTAINERS



Container Unloading

The container department at Cratex Industries can de-stuff your overseas container and load the material onto a flat-deck for delivery.

Our equipment, manpower and expertise allow us to safely remove material from 20' or 40' sea containers, including high cubes and open top containers. The Cratex shipping department can work with freight forwarders to coordinate the return of containers.

Cratex truck and trailer can be available for deliveries if needed.

Container Loading

In order to avoid damage to your material, proper loading, blocking and bracing is essential in container loading. Our experienced container department will take all the precautions necessary to ensure your material arrives to port in a safe, secure and timely manner.

Cratex uses IPPC certified stamped lumber for all dunnage used in container blocking and bracing. IPPC dictates strict requirements for shipments into the majority of countries around the world to which Cratex material complies.

Cratex is aware and up to date with procedures by all rail lines with regard to container loading specifications. Working in conjunction with the freight forwarder, we are able to complete all necessary forms when requested.

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DANGEROUS GOODS PACKAGING



- Class 1 Explosives
- Class 2 Gases
 - 2.1-Flammable Gas
 - 2.2-Non-Flammable Gas
- Class 3 Flammable Liquids
- Class 4 Flammable Solids
 - 4.1-Flammable Solids
 - 4.2-Spontaneous Combustibles
 - 4.3-Dangerous When Wet
- Class 5 Oxidizing Substances and Organic Peroxides
 - 5.1-Oxidizers
 - 5.2-Organic Peroxides
- Class 6 Toxic (Poisonous) and Infectious Substances
 - 6.1-Toxic Substances
 - 6.2-Infectious Substances
- Class 7 Radioactives
(Cratex does not package Class 7)
- Class 8 Corrosives
- Class 9 Miscellaneous Dangerous Goods

Dangerous Goods Packaging

At Cratex we provide specialty packaging of dangerous goods. We have qualified staff that are trained in the packaging of dangerous goods for ground (TDG), air (IATA) and marine (IMDG). We pride ourselves on properly preparing documents and packaging to meet all international specifications.

Cratex can supply and advise as to the required marks and documentation for shipping hazardous materials by air, truck and ocean.

Dangerous goods are commodities that when shipped pose a risk or danger to people, animals or environment. Here at Cratex industries we are committed to providing our customer with code and regulation specific packaging and documentation of IATA (AIR), IMDG (SEA) and TDG (LAND) transportation.

Dangerous Goods fall within 9 classes. Cratex Industries has certified personnel on site to be able to determine which of the 9 classes that your product falls under.

We are committed to find the most effective way to package and transport your material with time restraints and with cost effectiveness in mind.



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