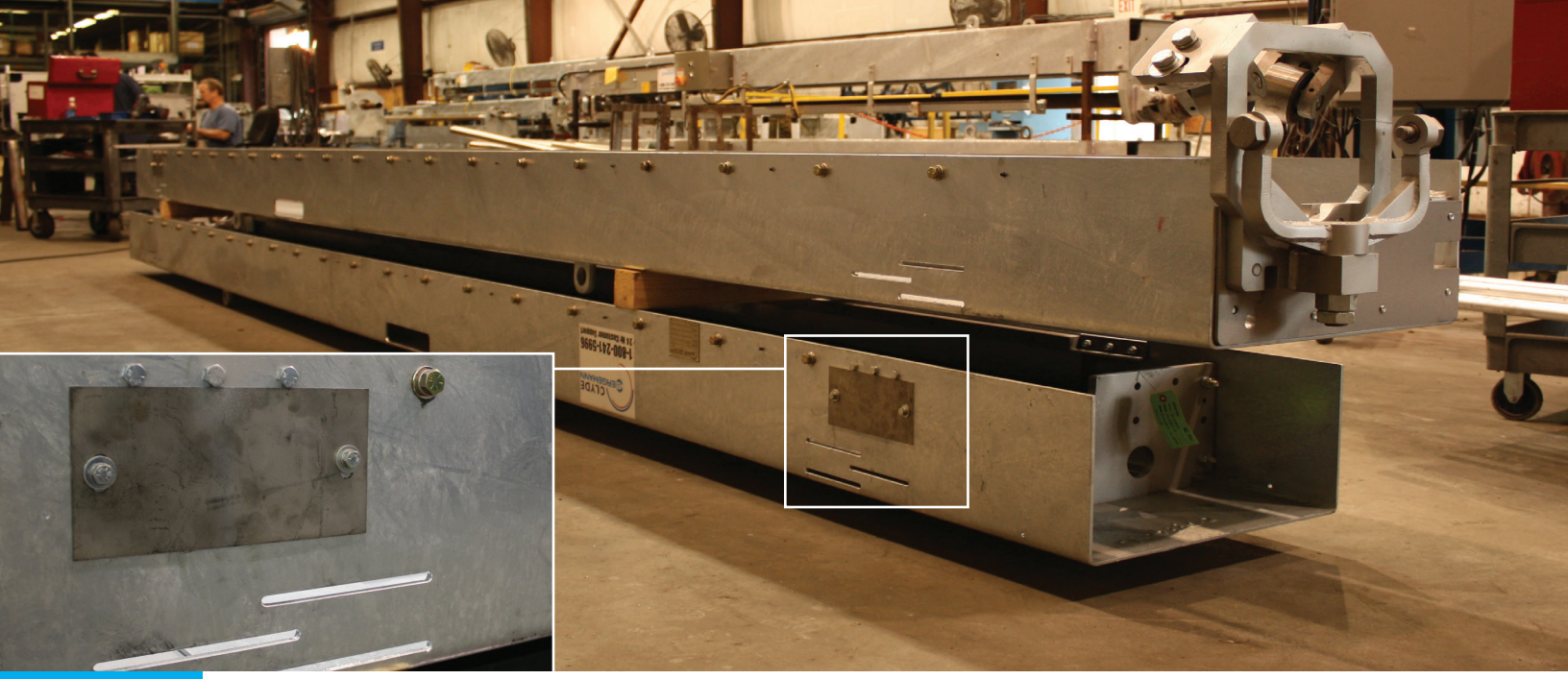

CANOPY ALTERNATIVE

The Clyde Bergemann Heavy Duty Canopy Alternative (IK525 and IK545)

Clyde Bergemann has developed a retrofit canopy to replace the standard Diamond Power design. This new canopy is a significant improvement over the OEM design, offering increased durability in operation, longer sootblower life, and easier maintenance. The most noticeable improvement is the "Hot Dip Galvanized" protective coating applied in place of standard paint. The hot dip galvanizing seals the entire canopy, including the angle iron and front plate. This coating adds many years to the canopy's useful life, even in the harshest operating conditions.

Our canopy is constructed using 1/4" material, rather than the original 3/16". This thicker material improves canopy rigidity, which makes the roller rails and gear rack mounts more stable. This improved frame rigidity increases the carriage tracking accuracy in the canopy, adding life to sootblower components and improving the operational safety of the sootblower.

The standard weld-in gear rack angle iron is replaced with a slotted angle, allowing the use of a bolt-in gear rack. Our canopies generally come standard with the gear rack installed. The gear rack used by Clyde Bergemann is engineered to precise tolerance and offers superior durability.

The Clyde Bergemann roller rails are constructed with 1.25" solid square bar using 1018 material. This roller rail design gives support to the canopy and increases roller rail life. Together, the slotted gear rack angle and solid roller rail square bar ensure greater durability in operation and enhanced sootblower maintainability.

All canopy openings are plasma-cut to precise tolerances, and all openings are fitted with stainless steel covers.

The Clyde Bergemann Canopy is an engineered solution, designed to address problems associated with the Diamond Power Canopy that we have heard from our customers. Clyde Bergemann has been producing this canopy for over 10 years, and we are confident that we can meet your specific needs.

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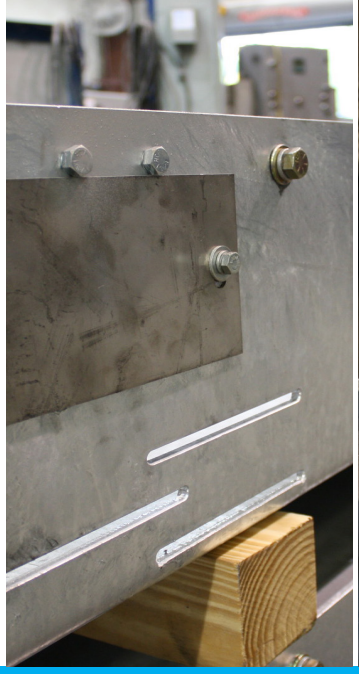

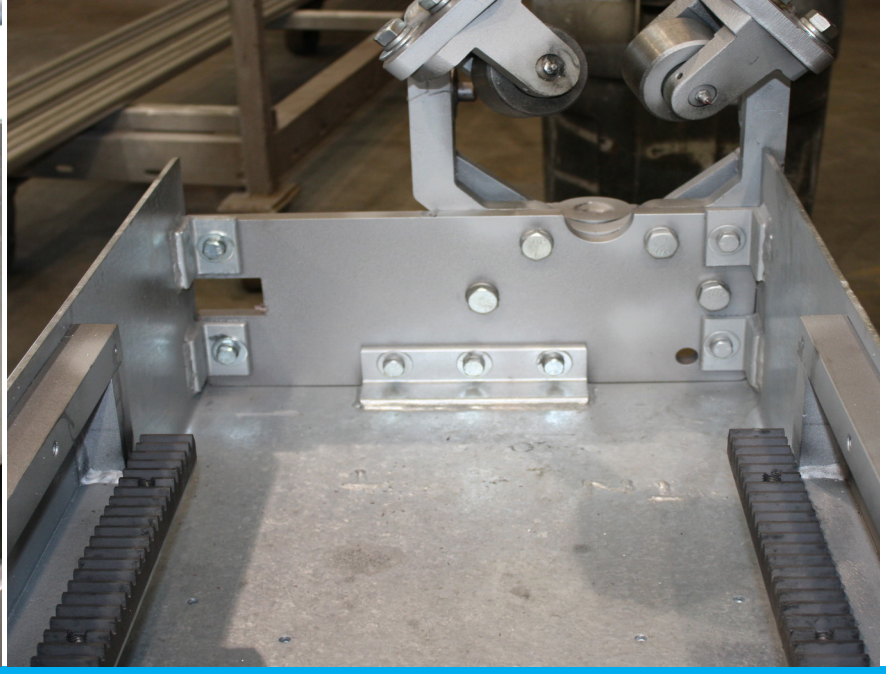

CANOPY ALTERNATIVE

Heavy Duty Canopy Alternative (IK525 and IK545)

Overall design improvements increase service life and reduce total cost of ownership.
This replacement canopy has proven itself with many customers and continues to draw considerable interest among sootblower users. Please allow Clyde Bergemann to put this experience to work for your company. It could significantly decrease the amount of attention your IK sootblowers require.

Options available for:

- Stainless steel canopies
- Complete open-top arrangements
- Split (multiple section) designs
- Allowance for progressive helix mechanism to be installed
- Multiple electrical packages
  - › Internal and external designs
  - › Mechanical or proximity limit switches
  - › P chain or coiled power cord designs
  - › Local and remote motor starter
  - › Isolation/safety switches
- Additional components: complete valve linkage, front roller assemblies, etc.

Benefits

- Heavy-gauge material (1/4") canopy construction provides added strength and durability for long term service life.
- Hot-dip galvanized coating provides improved protection against corrosive enviroments.
- Roller angle replaced with 1.25" solid square bar elminates bending and assures optimal rack and pinion engagement for superior service performance.
- Slotted gear rack angle allows future rack replacement.
- Universal design means a single canopy can be setup as a spare part and covers the needs of both handed blower requirements.
- Solid front and rear plates provide canopy integrity and extended service life.
- Split (multiple section) canopy options available to improve installation efficiency.

Provide travel for an immediate price quotation.

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CB-2011/09. We reserve the right to make technical changes without notice.