

Demag KBK Enclosed Track Crane with Manipulator Arm.



Features/Benefits Provided:

- Safe handling
- Exact placement
- Reliable

The Opportunity

Installation of front and rear axles at a compact car assembly plant required a custom designed handling system that could safely lift, transfer and manipulate these awkward parts into the correct position for installation.

The Solution

A custom designed air powered manipulator arm was designed and suspended from a KBK ERGO Enclosed Track Double Girder Crane. The KBK Ergo Crane features components that are specially designed to handle the large kick-up and lateral forces imposed by manipulator arms. The rugged design of KBK insures reliability even in extreme, high cycle automotive environments. The KBK ERGO Crane allows for a smooth transfer to the exact point needed for installation on to the vehicle. The operator remains in a safe and comfortable position at all times during the pick, transfer and placement.

Wrap Up

- The operator found the system very easy to use.
- A single person was able to complete this difficult task.

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