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## QuickChange™ system

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### Flexibility increases profitability

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The QuickChange™ system enables a single crane to use a range of different magnet spreader beams.

Controlled remotely by the operator, the lower spreader beams are linked both mechanically and electrically to the upper spreader beams permanently attached to the crane.

Product-specific magnet spreader beams are needed for different applications, for instance, in the prefabrication hall of a large sectional steel service centre.

For moving the individual sections from the warehouse to the saw, sandblaster, processing centre or dispatch area, especially narrow magnets are used, enabling the cranes to work even in tall narrow aisles between the stored material. This enables the user to achieve maximum storage density.



*Figure 1: QuickChange™ system with lower spreader beams for handling individual sections in the prefabrication area*

### Switching spreader beams faster and with added ease

The sections are usually delivered by train or ship in packs weighing up to 8,000kg. To keep costs down, these packs of sections need to be unloaded and moved to their respective storage locations as quickly as possible.

Large magnets with a deep magnetic field are used to move the packs around efficiently and safely.

These magnets are attached to two further lower spreader beams.

To change magnets, first the two lower spreader beams for individual sections are lowered onto their spreader beam stands and decoupled.



*Figure 2: Automatic decoupling of the lower spreader beams for individual sections*

The two lower spreader beams for bundled section packs are then attached. Using a remote control unit or suspended keyboard, the crane operator is able to change the spreader beams within a matter of seconds, without having to bother with any hooks or plugs.



*Figure 3: Quick coupling up of the section pack magnets for fast and efficient unloading of trains and ships*