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## Transport of two tube bundles

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### Handling one or two tube bundles simultaneously

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The production speed of welded tubes depends very much on the thickness of the tube wall. Thin-walled tubes are produced much faster than thick-walled tubes. In order to be able to handle all products of a tube production line using just one magnet crane, bundles of thin-walled tubes need to be moved around at a sufficiently fast rate.

This is achieved by picking up one heavy or two lighter tube bundles. By doing this not only does the volume handled get adapted to the production speed, but optimum utilisation of the crane capacity is also achieved.

The magnets can either be placed in line for transporting single bundles or offset side by side for carrying double bundles. The lateral movement of the magnets can be automatically set in 7 freely programmable positions and thus adapted to the bundle size.

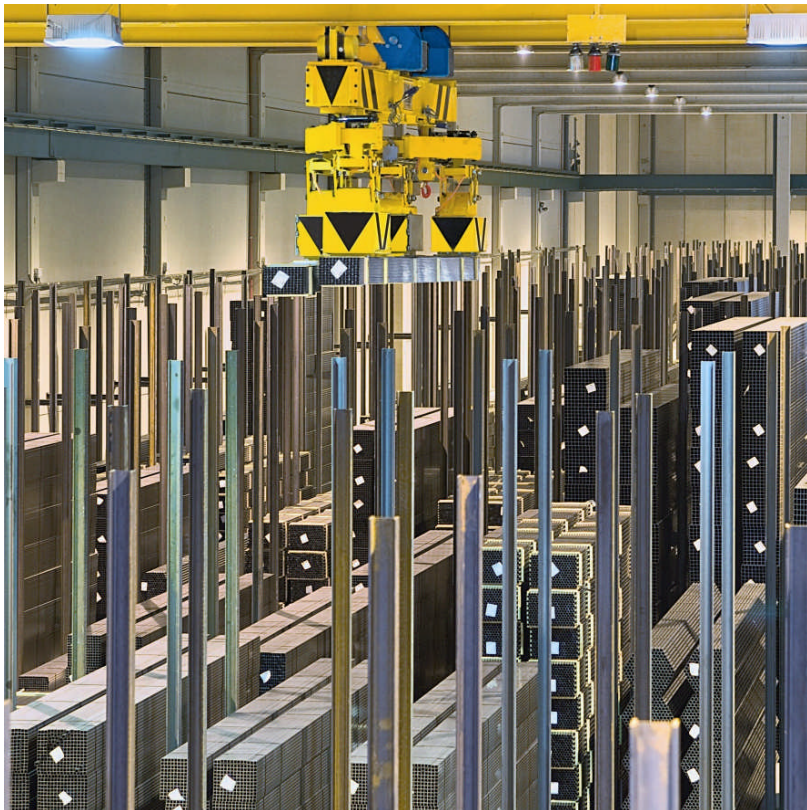
### Example applications



*Figure 1: Carrying double bundles of thin-walled tubes for efficient loading of trucks at OneSteel in Australia*



*Figure 2: Clearing the end of a tube production line at Aratubo in Spain*



*Figure 3: Automated warehouse with maximum storage density (no aisles between the racks, stacks up to 6 metres high) at Aratubo in Spain*

## **Advantages**

- Fast, automatic gripping of the load
- No pressure marks or coil edge damage
- No need for people in the material handling area
- No need to climb onto piles or stacks
- No risk of injury from handling sharp-edged material
- No aisles required between stacks
- No wooden spacers needed between bundles

## **Your benefits**

- Fewer accidents and increased safety
- Faster handling speed
- More compact storage
- Lower personnel costs