

# Ixtur Lifting Beams

Automatic  
Lifters

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**Ixtur lifting beams are fully automatic and cordless. They are battery-powered and do not need an external power supply. The beams' capacities can range from hundreds to thousands of kilograms.**

Thanks to Ixtur magnet technology, the magnets need energy only for changing their magnetic state. The load will stay attached even if the battery dies or is removed.

The same technology can be used for small beams with few magnets, but also for larger beams designed to lift large steel plates. The magnets can be installed in a single row or in multiple rows.

The automatic weakening of the magnetic force in the beginning of the lift increases safety when handling heavy loads.

The Ixtur lifting beams are battery-powered and do not require cables or hoses from the crane. This makes it easy to start using the beam and to switch between cranes.

Fully automatic operation makes working efficient and leaves the operator's hands free for other tasks.

## Main Features of Ixtur Lifting Beams

- Automatic magnet ON/OFF operation
- Cordless
- Battery-powered
  - Quickly changeable battery
  - 2 hours charging time
- Easy deployment

Ixtur lifting beams are designed and manufactured in Finland. More information: [www.ixtur.com](http://www.ixtur.com)

## TECHNICAL SPECIFICATIONS - TYPICAL APPLICATION RANGE

Lifting capacity WLL	300 ... 3000 kg, safety factor of 3
Length	0.5 ... 12 m
Minimum width	0.3 m
Weight	150 ... 1500 kg
Operating temperature	-10 ... 50 °C
Operating time	30 h standby or 1000 lifts with one battery charge

*Company • Ixtur Ltd. is a Finnish magnet technology company established in 2010. Ixtur develops and manufactures permanent magnet based lifters, grippers and customer applications for machinery, welding, automation, robotics and material handling. Ixtur is focused on energy-efficient magnet components and applications.*

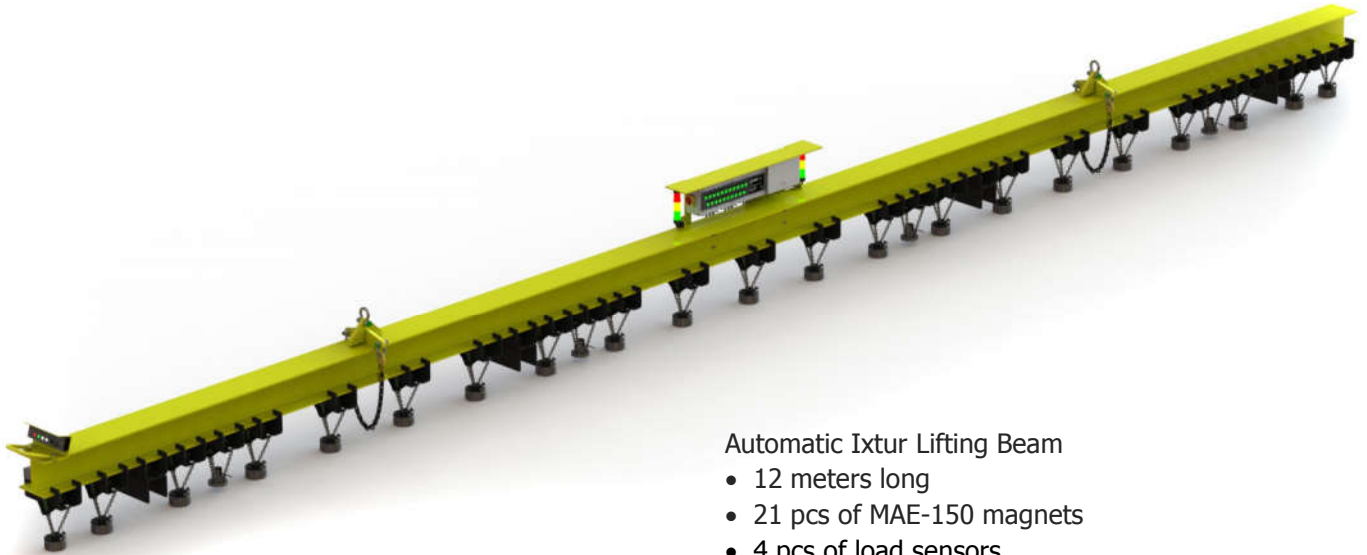
**iXTUR®**

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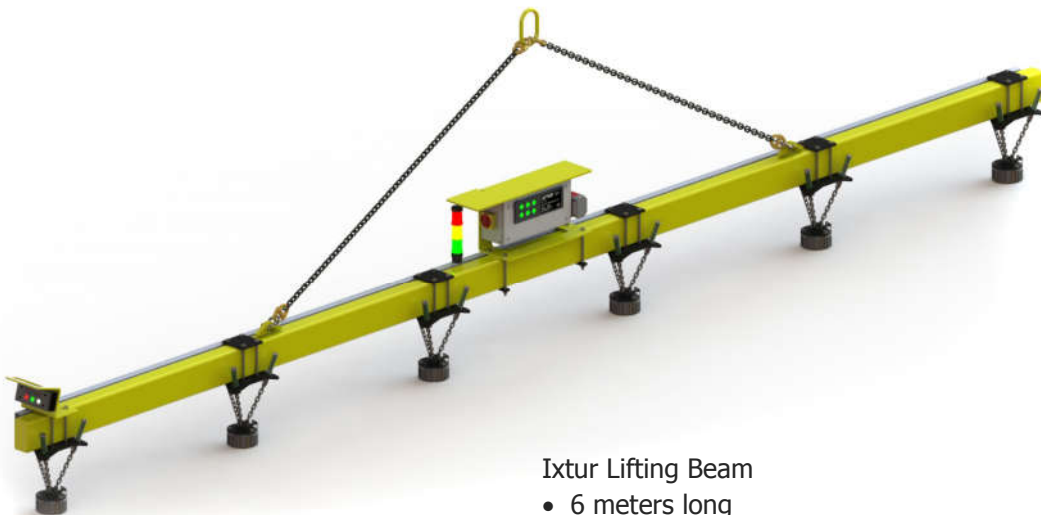
## Examples of Ixtur Lifting Beams

Beams can be tailored according to customer's requirements.



### Automatic Ixtur Lifting Beam

- 12 meters long
- 21 pcs of MAE-150 magnets
- 4 pcs of load sensors
- Automatic magnet ON/OFF control



### Ixtur Lifting Beam

- 6 meters long
- 6 pcs of MAE-150 magnets
- Manual magnet ON/OFF control

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