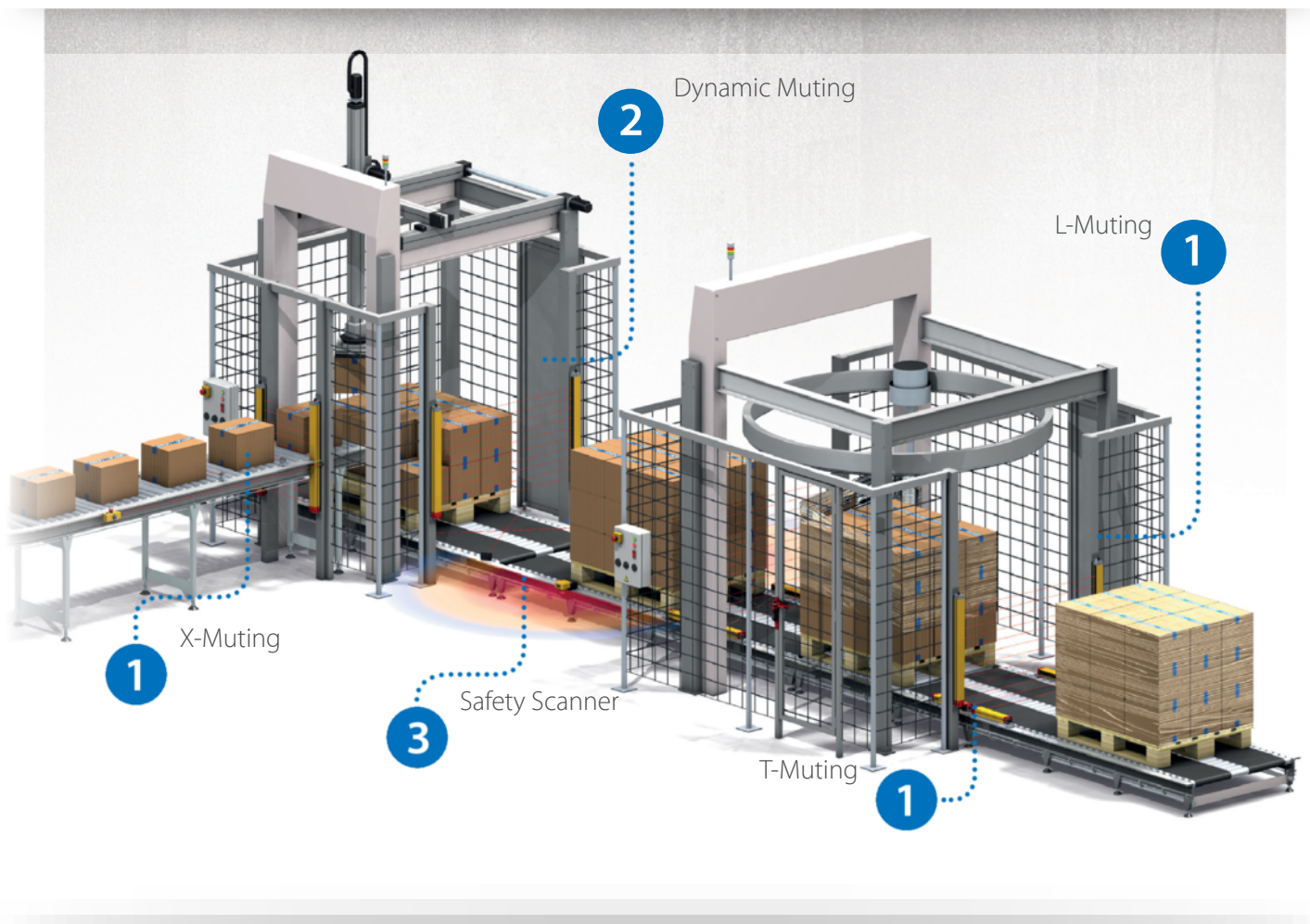# OMRON

Safety Solutions
Material handling machinery

Each year, more & more consumer goods are produced and robust material handling machinery like Palletisers helps to relieve workers in production from repetitive heavy manual labour. Protecting these workers is an important issue. Not only do our safety solutions help you to comply with all safety standards, they also improve OEE.
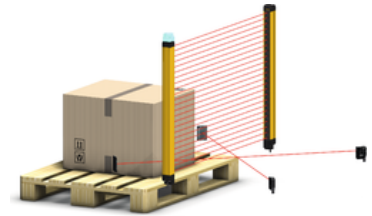

Dynamic Muting

L-Muting

X-Muting

Safety Scanner

T-Muting

The value's we offer:
1. Maintain productivity
2. Minimised changeover time
3. Less floor space used

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OMRON

Safety Solutions -
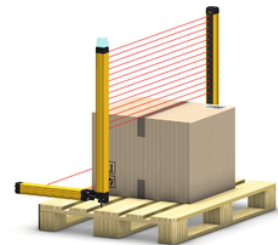# For robust material handling machinery

1. Maintain productivity

T and L muting are well known protection methods, allowing a pallet to move in or out of the machine, without causing a safety stop. Additionally X-Muting has the benefit to correctly detecting a pallet, which has see-through space between the wood. We also offer a 'Slow Detection Mode', which does not detect loose hanging plastic foil, to prevent unwanted stops.
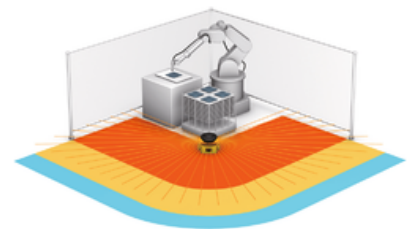
2. Minimised changeover time

The muting function temporarily disables parts of an SLC to allow pallets to pass through, not a person. Our light curtains feature a dynamic muting function that, for each instance, automatically adjust the appropriate beams to the range of products entering or exiting an area, this greatly improves machine changeover time.

3. Less floor space used

Choosing the right resolution of the safety sensors, allows shorter safety distance and reduces the overall floor space of the machine. Another way to reduce floor space is to use safety scanners as these can pre-warn for workers in a radius of 15 meter around the machine and safeguard them within a four meters of a hazardous machine area.

Not only do we provide the complete portfolio of safety products,
Omron Safety Services is able to provide you consultancy to all the safety regulations are met.

Suitable applications:

Packaging, material handling and machine tools
Pick & place, agro food and case packer
Handling, assembly and stackers
Laser and water cutting, XY-stage, engraving

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