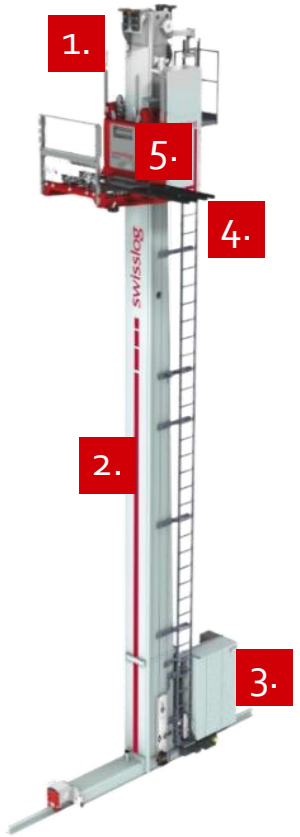
Vectura pallet stacker crane

Pallet technology

1. Height: 4 to 45 m (13-147 ft)
2. Temp.:-30°C to 50°C (-22 to 122° F)
3. Throughput: 20 to 45 double cycles/h
4. Storage density: from single to multi-deep



5. Load range: up to 3.5 tons or double load of 2.5 tons total. (7700 lbs or 5500 lbs total)



Vectura pallet stacker crane

Pallet technology



Benefits

- Up to 25% less energy consumption
- Low total cost of ownership
- Fast installation
- Easy to service

4,000+ cranes in operation worldwide:

Woolworths the fresh food people · United States Cold Storage · Jurong Cold Store · Absolut · IKEA · REWE · Vectura 50 Years · Walmart · JD.COM · Target · Jaycar

Why is Vectura by Swisslog the best choice?

Pallet technology

Low energy consumption

Thanks to the tapered mast and overall design Vectura has less weight (up to ~30% less vs. competitors) which leads to less energy consumption. Combined with the smart cycle times optimization and regenerative energy concept, it can reduce energy consumption by up to 20%.

Low total cost of ownership

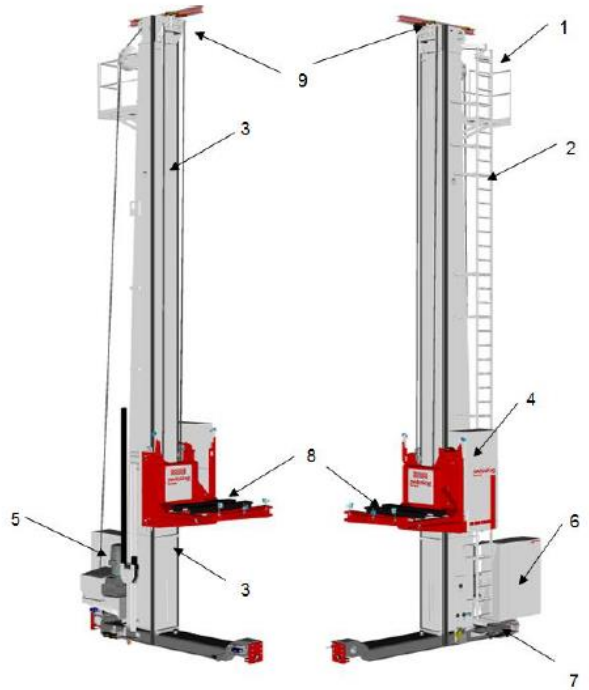
The reduced weight means less pressure on the guiding wheels & bottom frame (low wear & tear) which can give the crane a long durability & therefore reduce service costs long-term. In addition, the chassis are welded by a robot and heat treated, which gives the steel more robustness and long durability. Swisslog has crane installations which are running for more than 20 years without any significant replacement of parts. Low center of gravity results in reduced size of guide rollers thanks to less swinging and less wear and tear together with low spare part consumption over time.

Fast installation on site

Vectura cranes are delivered in modular parts on site which allows the team to install up to 5 cranes within a day. Before leaving the factory, all cranes are being tested with the customers pallets to ensure that the risk for errors during commissioning and integration into overall system is reduced to a minimum.

Easy to service

Servicing a 40 meters crane is an expert undertaking and requires skilled and trained people. Vectura offers many features that help service the crane easily. We offer training classes that gives your employees the right knowhow to safely service and in extreme cases troubleshoot the crane. By placing the controls cabin and hoist unit at lowest position of the crane, the lower part of the crane stays compact giving more space for accessing the emergency cabin.

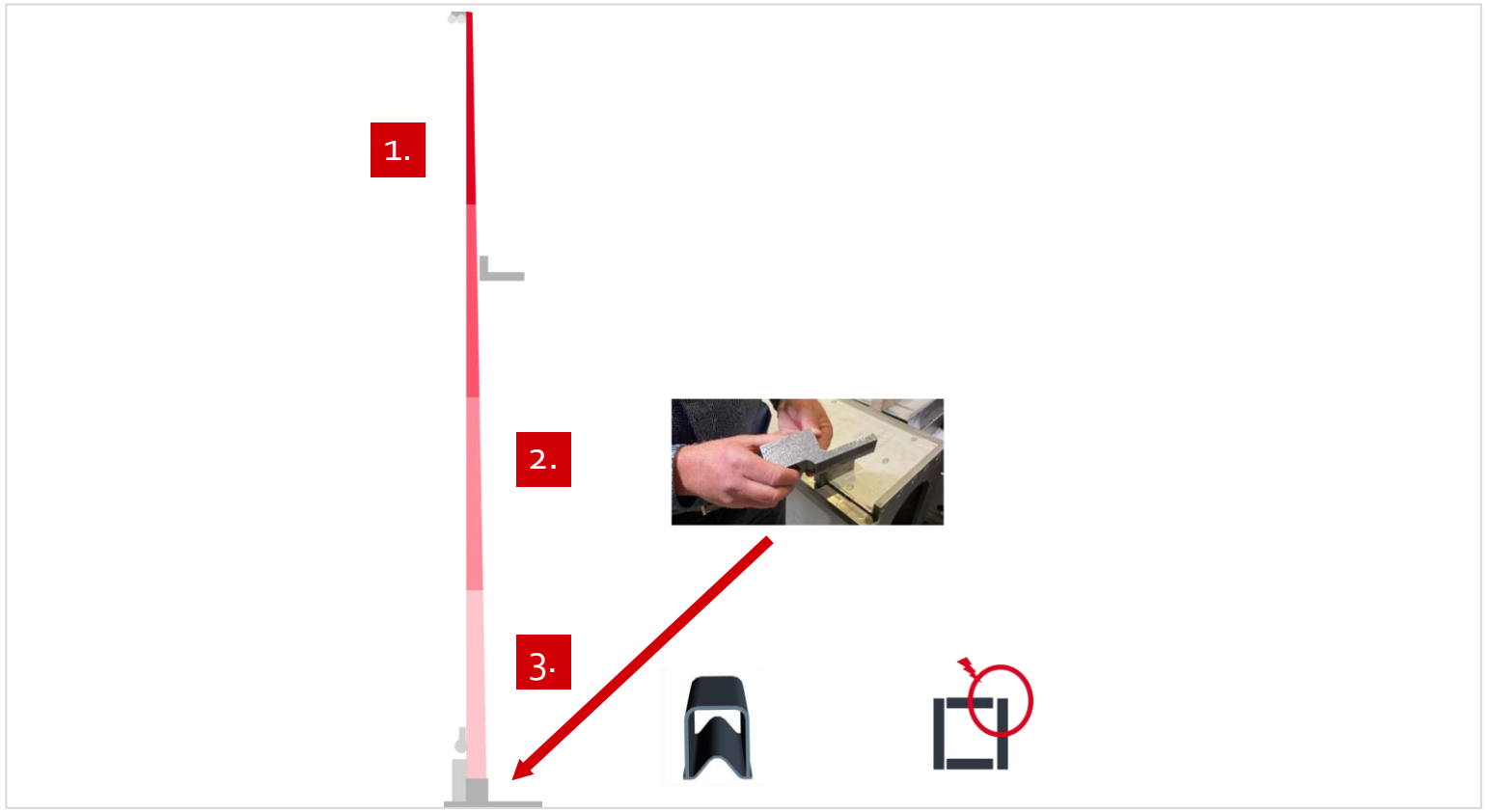


1 Platform at the mast top
2 Ladder
3 Bolted mast connection
4 Emergency Cabin
5 Hoist unit
6 Main Control Cabinet
7 Drive unit
8 Lift Carriage with LHD

Illustrations of advantages

Pallet technology

1. Tapered Mast design!
2. Low center of gravity gives crane more stability
3. Our welding tequnique forms ONE unit and reduces the risk of cracks!



Illustrations of advantages

Pallet technology

1. Access to emergency cabin to manually move the crane if needed
2. Ladder to climb up
3. Control Cabinet & Hoist unit all compact!



Illustrations of advantages

Pallet technology

Everything delivered in one piece

