

## **Developments in container technology: Winglock and the new lifting frame**

*As their very name suggests, the transport of interchangeable containers involves ongoing responses to constantly changing demands. And this is precisely what the JOST systems for container technology and combined transport have been designed to do. They will be on show at this year's IAA in Frankfurt.*

The new lifting frame developed for changing and switching containers delivers a maximum lift of 400 mm, thereby covering all loading and unloading heights. This means that almost any potential task can be handled using just one vehicle. Another advantage is that the lifting frame is easy to use and extremely safe. The container rests completely on the lifting frame, remaining attached to the vehicle chassis throughout the lifting operation. So whatever its load distribution, the container stays horizontal. During transportation, the container is always positioned as low as possible.

Until now, anyone wanting to transport 45' containers has met with resistance from the legislators. According to EU regulation 96/53, the length of an articulated truck is not permitted to exceed 16.5 metres. The maximum load length is 12 metres behind the kingpin with a turning circle of 2.04 metres in front of the kingpin. This effectively makes it impossible to comply with the new regulations using a conventional chassis and a standard model 45' container. Winglock, the new locking system from JOST, makes it possible to transport 45' containers in line with the specified regulations, as long as the containers are fitted with bevelled front corner posts. Furthermore, Winglock's optional 2nd position means that 40' gooseneck containers can be secured too.

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