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SAFETY SYSTEM FOR “MECHANICAL LOCKING OF OUTRIGGERS LATERAL EXTENSION SUPPORTS”

In compliance with EN12999 Regulations, **Fassi** has also given particular consideration to all the elements forming part of the crane/truck coupling, and more specifically the dangers that may arise when the truck is travelling on the road with the crane folded away in the transport position.

One danger that may arise is accidental extension of the outriggers lateral extension supports due to leakage of oil from the hydraulic seals in the case of hydraulic lateral extension supports, or due to improper positioning of the lock pin in the closed position for manual lateral extension supports. This is particularly so when the truck is curving; obviously an event of this type might result in severe injury or damage to persons and property.

Fassi has created a special mechanical locking system, both for hydraulic and manually operated lateral extension supports, so that the supports are automatically locked to crane cross-bar. The operator must disconnect it manually before starting operation.

The same type of application is also provided on the supplementary outrigger lateral extension supports.

Mechanical stops on manual lateral extension supports



Mechanical stop on hydraulic lateral extension supports



Advantages for the user:

- The certainty of a journey free from any accidental problems caused by protruding crane side elements, thanks to the double safety precautions.