

Safety: Harnessed

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FreeFalcon – the mobile fall protection



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The Formwork Experts.

FreeFalcon – the mobile fall protection

Construction projects get more and more challenging, but at the same time they have to be completed more rapidly and more economically. Sacrificing safety, however, is wholly unacceptable. The current system-independent safety regulations in the slab-formworking sector only conditionally satisfy the requirements for occupational health and safety and ergonomics. The FreeFalcon with its safety unit closes this gap. It is the ideal synthesis of safety and freedom of movement.

All-round safety

due to integrated safety details

- Working in safety at the drop-off edge without trip hazards because the anchor point is always above head height
- Unrestricted freedom of movement with 360° fall protection and a working radius of 10 m
- Complies with Suva (CH), BGBau (D) and BauV (AT)

Quickly ready to use

thanks to easy handling

- Immediately ready, no anchoring to the structure, no planning, installation work or costs for anchoring
- No effects on the structure
- Horizontal repositioning is easy – a job for one person with a pallet lifter

Product features

FreeFalcon and FreeFalcon PCC

- Diameter: 2.25 m
- Height: 2.35 m
- Weight: FreeFalcon: 450 kg / FreeFalcon PCC: 595 kg
- Standard FreeFalcon: DIN EN 795:2012 type E
Standard FreeFalcon PCC: DIN EN 795:2012 type B
- Certified by Dekra technical inspectorate



The FreeFalcon protects construction crew members whenever work at drop-off edges is temporarily unavoidable.



FreeFalcon PCC has been specially developed for use on sectional slabs and secures workers on the slab edge while assembling the sectional slabs.

Here's how it works:



A fall arrester with cable for the safety harness is mounted on the mobile fall protection mast with base mast and extension arm.



As soon as the permissible payload is exceeded, the safety unit trips: the extension arm retracts and draws the anchor point for the safety harness closer.



At the same time a lock engages so that the mast can no longer swivel; the user's fall is safely arrested.