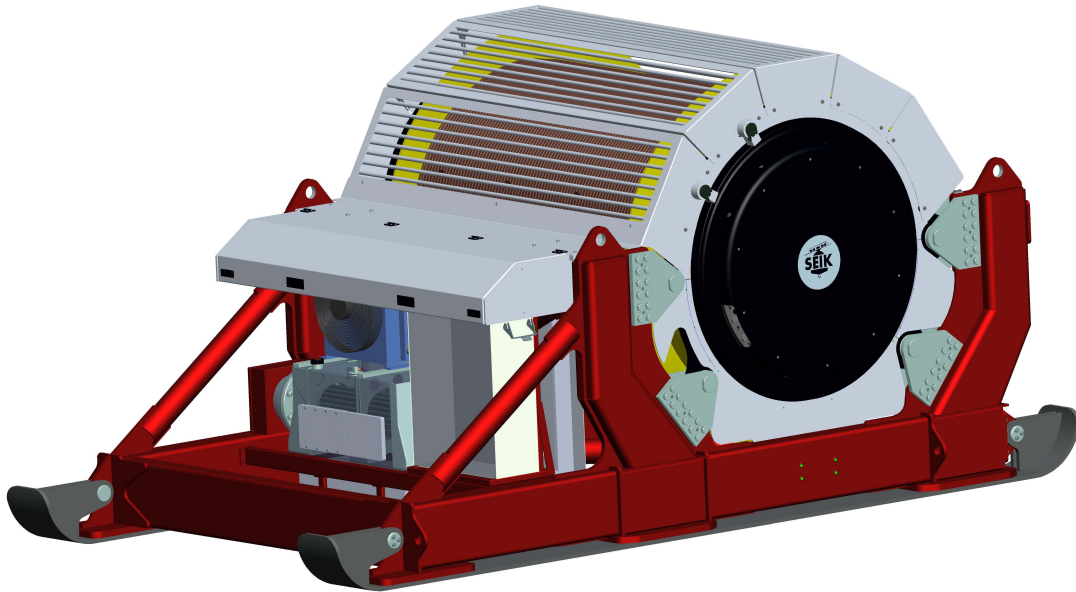


CABLE WINCH DSS W300 - 15



The Cable Winch of the New Generation, the Mobile Series “Drive System Seik”

The first type of the new winch range is designed for larger construction sites and has a drive power of 300kW, directly effective on the cable drum via a planetary gear. This solution has a lot of advantages:

Powerful

Focus tensile force: When selecting a high gear reduction the DSS W300 will achieve a tensile force of 150 kN and a cable speed up to 4 m/s.

Fast

Focus speed: At the lowest gear reduction the winch will achieve a maximum speed of 7 m/s. At this speed the maximum tensile force will be 70 kN.

Compact

The consequent application of the latest technology for electric motors allows the integration of the complete drive section into the interior of the cable drum. Besides the electric motor the interior of the cable drum also contains the redundant braking system.

Reliable

When using the electric motor as generator, the complete braking power will be converted into electric energy. Depending on the feed-in possibilities, the electric energy will be feed into the grid, or it will be discharged via the diesel engine combined with brake resistances. This will not put any load on the mechanical brake systems. Due to the permanent control of speed and cable combined with cable guide and electronic safety control an automatic operation will not create any problem.

Adaptable

For power supply two power packs are available. With an existing electrical connection the DSS EP 300 will be applicable. All necessary components for a bi-directional flow of electric energy from and to the grid are installed in a weather-proof container. Without electrical connection the modern diesel motor of the DSS GP 300 provides the required power. Brake power incurring during downhill transport will be discharged via the diesel motor with additional brake resistances.

MAIN FEATURES

Power	300kW
Traction Power empty drum	150kN
Traction Power full drum	130kN
Speed	up to 4 m/s
Rope drum	
Rope drum internal	Ø 1400mm
Rope drum external	Ø 1700mm
Rope drum width	1700mm
Spooling Technology Lebus	Optional
Rope	
Rope capacity Ø24mm	2000m
Rope capacity Ø18mm	3600m
Dimensions	
Lenght	3900mm
Width	2400mm
Height	2200mm
Weight	11500kg

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Economical

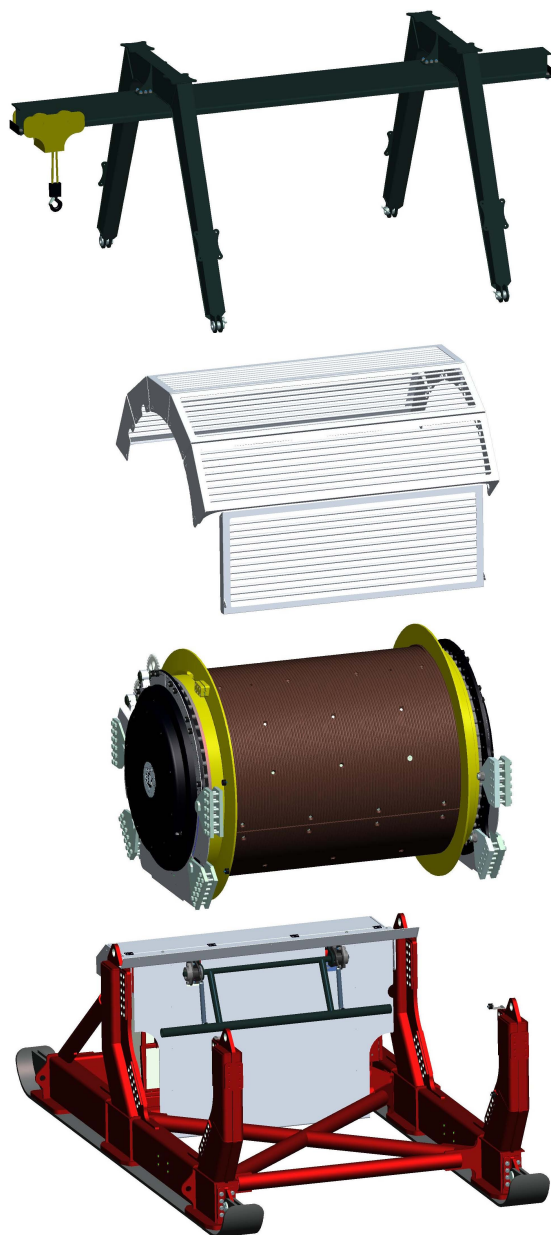
The direct electro-mechanical drive without hydraulic transmission provides the DSS W300 a very high efficiency factor. The integrated inverter adapts at any time the drive power to the actual requirements.

Silent

The smoothness of the DSS W300 convinces in any situation. The low noise level allows the use of the winch even on sites in sensitive areas.

Mobile

The cable winch can be dismantled easily into a few components suitable for air transport. A special assembly crane facilitates disassembly and assembly of the winch.



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