

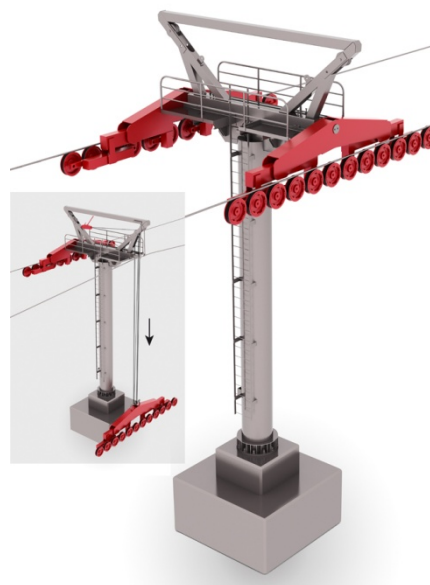
Sheaves - Sheave battery

New sheave, new battery but true success comes from their interplay.



Seilrolle Konus EGR

Seilrolle Konus DBV



Rollenbatterie FGS

The expert, who is familiar with the current procedure of changing a damaged rubber-liner, will immediately realize the advantages of the new development, in just showing the work-procedure with the new sheave battery.

Until now you needed 2 workers for exchanging a worn-out rubber-ring but you only need 1 with the new sheave battery.

Work-Flow on site:

- 1) Fixing the moveable crane-arm at the foreseen points and coupling the hydraulic-lifting-piston with the rope
- 2) Removing the safety catch and opening the bayonet-ring on the defect sheave.
- 3) Lifting the rope slightly and removing the defect rubber-ring
- 4) Mounting the new rubber-ring, adjusting and lowering the rope
- 5) Fixing of the bayonet-ring and securing it.
- 6) Taking down the crane-arm and sending completion confirmation by radio

Finally the defect rubber-ring is put in the transport-box for reuse.

The job is done!



Incidentally there are further benefits:

- The correct rubber-profile with the correct groove was used for the exchange.
- No unnecessary waste was produced
- The weight of the exchanged rubber-ring was approx. 12 kg (so far approx. 50 kg)
- No working on sky high service platforms with the known disadvantages.
We should ask ourselves: Are these service platforms still necessary with the new technology? And if not we ought to seek clarification from the authorities.

All this is feasible with a very little amount of tools:

- Moveable rope-lifting device
- 1 Hydraulic lifting equipment
- 1 Rubber-ring with the required groove
- 1 Ring spanner to open the bayonet-ring of the sheave
- 1 Light hammer
- 1 Screw wrench