trak[®] Xchange MU

manual battery handling unit for battery changes in the battery room



Motive Power Systems Reserve Power Systems Special Power Systems Service

Your benefits:

- Minimal effort required manual changing facilitated by use of gearing
- **Flexible use** suitable for vehicles with different battery changing heights
- **Easy and safe to operate** battery change directly by the truck driver
- Cost-saving solution just one person needed for battery changing
- High level of safety locking system ensures safe transfer



Typical applications

- Vehicle fleets (one changer for up to 10 vehicles)
- Preferred battery sizes 24 V to 80 V
- Centralised and decentralised battery rooms





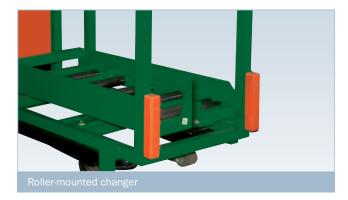
<u>rak® Xchange M</u>l

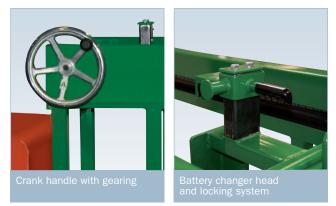
trak[®] Xchange MU

Complete battery changing process in less than 6 minutes

The trak[®] Xchange MU manual changer is suitable in conjunction with a hand pallet lift truck for users dealing with batteries weighing up to 750 kg, or for batteries up to 2500 kg when an electric lift truck is used.

Both vehicle types offer a height-adjustable lifting mechanism, which makes the system suitable for all vehicles with side extraction. trak® Xchange MU has a gearing which reduces the amount of effort needed for battery changes. The locking system ensures safe transfer of the battery.





| | trak [®] Xchange | MU |
|------------------|--|---|
| Industrial truck | Preferred fleet size | From 1 truck upwards, different models |
| | Preferred number of spare batteries per changer | 10 |
| | Preferred types of truck | Reach trucks Counterbalance trucks Tow trucks |
| | Battery compartment with roller bed | ¥ ⁽¹⁾ |
| | Battery compartment with slide rails | V ⁽²⁾ |
| Battery | Preferred battery type | 24 V - 80 V |
| | max battery dimensions (LxWxH), models for different battery sizes | 1250x1000x800 |
| | Battery weight (max. in kg) | $2500^{(1)}/1500^{(2)}$ |
| Features | Battery removal means | Clamping hook with crank and Continuous chain |
| | Battery bed | Simple roller bed |
| | Structure/support vehicle | Manual or electric pallet truck |
| | Height adjustment | Lifting truck |
| | Height adjustment range (mm) | Ca. 120mm (lift of the support vehicle) |
| | min./max. changing height (mm) | 145 - 400 |
| | Compensation for tyre wear | V |
| | Space required in the system | Medium |
| | Effort needed for changing | Minimal |
| | Time taken to change a battery | Ca. 6 min. |



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