

trak[®] Xchange PU

Powered battery handling unit
for battery changes
in the battery room



Motive Power Systems

Reserve Power Systems

Special Power Systems

Service

Your benefits:

- **No physical effort required** – powered battery handling unit
- **Flexible use** – suitable for vehicles with different battery changing heights
- **Easy to operate** – battery change directly by the truck driver
- **Cost-saving solution** – just one person needed for battery changes
- **High level of safety** – locking system ensures safe transfer

Typical applications

- Vehicle fleets (one changer for 15 to 20 vehicles)
- Preferred battery sizes 48 V to 80 V
- Centralised and decentralised battery rooms

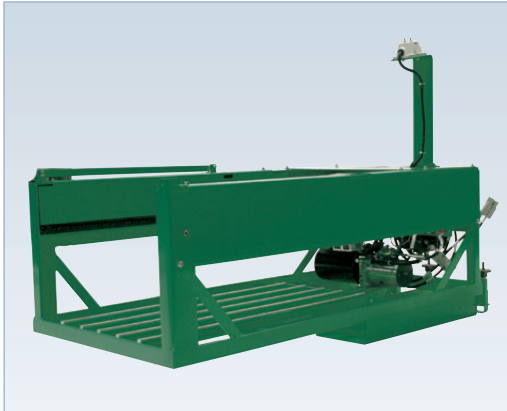


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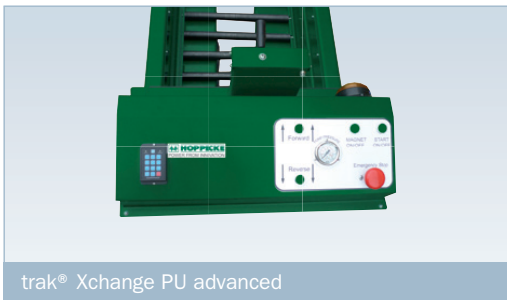
Complete battery changing process within 5 minutes

The trak[®] Xchange PU powered changer is suitable for users of batteries weighing up to 2500 kg.

The support is attached to an electric pallet truck with height-adjustable lifting mechanism, making the system suitable for all vehicles with side extraction. With its magnet or vacuum head, trak[®] Xchange PU provides a safe and reliable hold of the battery throughout the changing process. There is also a locking system to ensure safe transfer of the battery.



trak[®] Xchange PU classic



trak[®] Xchange PU advanced

	trak [®] Xchange	PU classic	PU advanced
FFZ	Preferred fleet size	From 5 trucks upwards, different models	From 10 trucks upwards, different models
	Number of spare batteries per changer	15	20
	Preferred truck types	Reach trucks Counterbalance trucks Tow trucks	Reach trucks Counterbalance trucks Tow trucks VNA trucks
	Battery compartment with roller bed	✓ ⁽¹⁾	✓ ⁽¹⁾
	Battery compartment with slide rails	✓ ⁽²⁾	✓ ⁽²⁾
Batterie	Preferred battery type	48 V - 80 V	48 V - 80 V
	max. battery dimensions (LxWxH), models for different battery sizes	1250x780x800	1250x1000x800
	Battery weight (max. in kg)	2500 ⁽¹⁾ /1500 ⁽²⁾	2500 ⁽¹⁾ /1500 ⁽²⁾
Eigenschaften	Battery removal means	Magnetic with hydraulic-powered continuous chain	Magnetic with hydraulic-powered continuous chain
	Battery bed	Slide rail bed	Simple roller bed
	Structure/support vehicle	Electric pallet truck	Electric pallet truck
	Height adjustment	Lifting truck	Lifting truck
	Height adjustment range (mm)	Ca. 120mm (lift of the support vehicle)	Ca. 120mm (lift of the support vehicle)
	Min./max. changeover height (mm)	100 - 320*	127** - 400
	Compensation for tyre wear	✓	✓
	Space required in the system	Medium	Medium
	Effort required for change	None	None
	Duration of battery change (min.)	5	5
Optionen	Access control	-	✓
	Laser positioning	-	o
	Vacuum changing head as alternative	-	o
	Additional height adjustment	+100mm (hinged panel)	+65mm (hydr. lift)
	Electrical safety package	-	o

✓ = standard o = optional * with hinged panel ** with special rollers