

SEDA HV BATTERY DISASSEMBLY TABLE WITH COOLING BASIN

A-527795



Optional feeder table

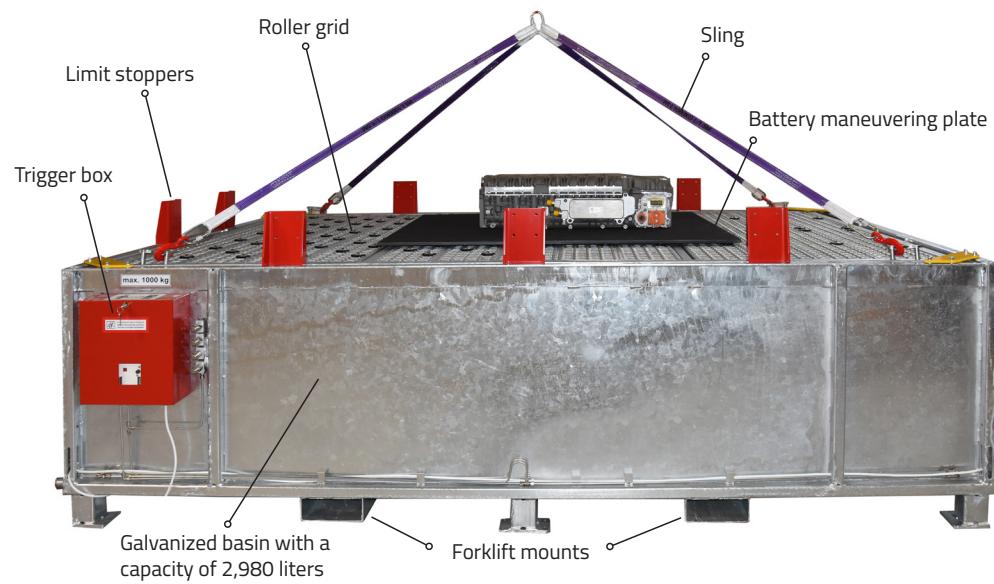
Provides a safe disassembly solution for both critical and non-critical lithium-ion energy storage systems



The HV battery disassembly table is designed to minimize risks in the event of a fire or overheating, such as a "thermal runaway", in both damaged and undamaged high-voltage energy storage systems.

Activation of the safety mechanism can be done manually via a button or optionally through a CO2 activation unit or a thermal imaging camera. In the event of a malfunction during the disassembly process, the HV storage unit can be safely lowered into the water basin. The basin can then be removed from the building using a forklift.

If the energy storage unit needs to remain on the disassembly table, for example, overnight, an automatic lowering mechanism is triggered if the temperature exceeds 68°C. This is activated by thermal fuses or a camera system, ensuring the energy storage unit is safely submerged in the basin.



BENEFITS

- Risk minimization when handling lithium-ion batteries
- Manual and automatic triggering options
- Quick lowering into the extinguishing basin

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Manual triggering via the fire alarm system



Automatic triggering via thermal fuse

Monitoring and triggering with an optional camera system



MORE INFORMATION

- Product video
- More images
- Additional technical specifications
- Online configurator



Provides a safe disassembly solution for both critical and non-critical lithium-ion energy storage systems



1. Step: Using a lifting table, the high-voltage battery is pushed into the U-mount frame and set down



2. Step: Roll and position the high-voltage battery onto the disassembly table. Alternatively, the battery can be placed using a crane or forklift.



3. Step: Perform all necessary tasks on the high-voltage battery, such as testing, charging/discharging, module replacement, or repairs.



4. Step: After a manual or automatic trigger, the HV battery is lowered into the extinguishing basin.



TECHNICAL SPECIFICATIONS

Work platform size	2.700 x 1.900 x 920 mm
U-Mount frame size	1.435 x 1.280 x 920 mm
Max. battery size	2.650 x 1.850 mm
Load capacity	max. 1.000 kg
Coolant volume	2.980 l
Trigger mechanism	CO ₂
Trigger temperature	68°

ORDER NUMBER

A-527795	SEDA HV Battery disassembly table with cooling basin
A-527795-30	Options Feeder table
C-527764	Manual lift table
C-527706	Pneumatic lift table
C-527955	Electric lift table
A-527879	SEDA HV camera

