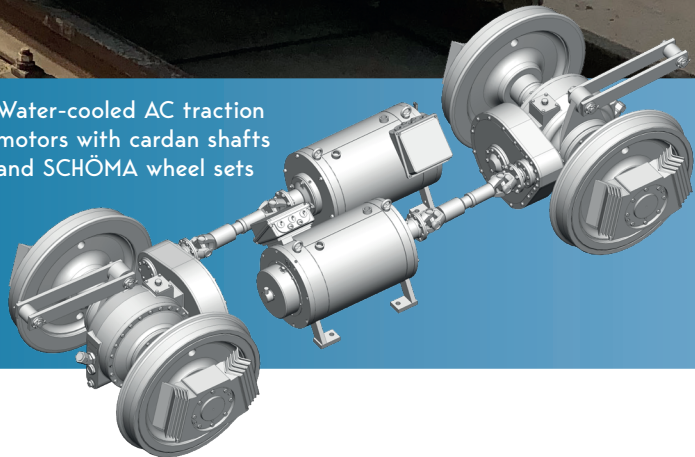


# HYBRID TUNNEL LOCOMOTIVES

robust / sensitive driving / wear-free braking & driving / maintenance-friendly /  
energy recovery while braking / plug-in-hybrid



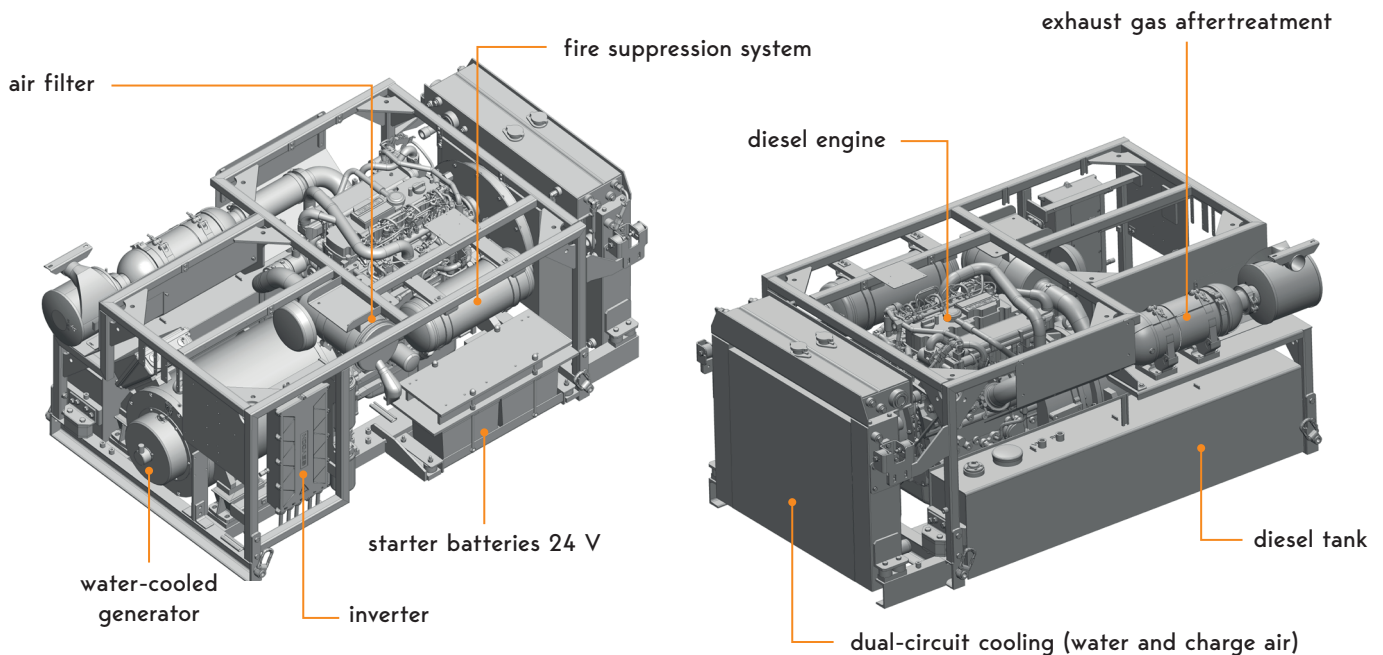
Water-cooled AC traction  
motors with cardan shafts  
and SCHÖMA wheel sets





# HYBRID DRIVE SYSTEM

## Diesel Power Pack CEL-180 H



### Standard Equipment

- » Air dryer
- » Pneumatic locomotive and train brake
- » Diesel tank and all pipes of stainless steel
- » Standard wiring with flame retardant halogenfree cable
- » Fire suppression system for engine compartment
- » Couplers type Willison or similar
- » Pneumatic sanding device
- » Deadman device
- » LED headlights
- » Pneumatic equipment - all components clearly arranged on carrier
- » Water-cooled AC traction motors
- » Water-cooled generator
- » Programmable Logic Controller (PLC) incl. wheel slide protection
- » Traction battery: safe and robust Lithium-Ion-Technology
- » Compact Diesel Power Pack



### Facts

	CEL-180 H
Weight	25 - 27 t
Power	max. 120 kW
Track gauge	≥ 750 mm
Speed	approx. 30 km/h
Width	min. 1400 mm

Further design options can be offered upon request. Please contact us by email: [sales@schoema.de](mailto:sales@schoema.de)