



For Versatile Transport Tasks

Paus MinCa - Manoeuvrable, weight-optimized Transport Solution for Personnel-, Material and Special Operations - Tested in Mines



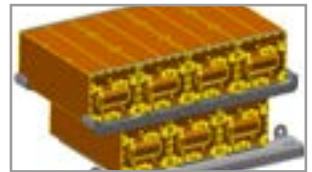
Compact Construction



Configuration: Anfo-Charging



5 persons carrier / Compact dimensions / Full electric drive / Non emissions/ventilation / Low noise pollution



CE-Safety-Approved Standart Cells Lithum-Batteries Type Approved BMS / Recuperation possible / Liquid-Cooling System



Maintenance friendly



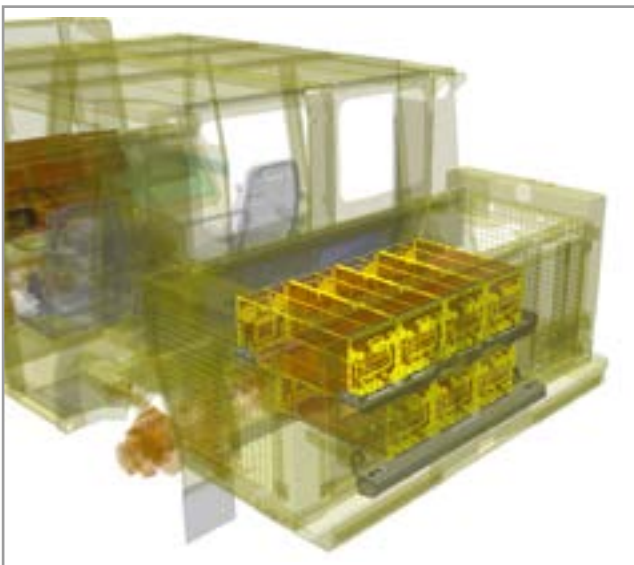
Ergonomic Drivers Cab / On board diagnostics



Full suspension / All wheel drive Liquid cooled e-motor / Low power losses / Mining approved components



Worldwide, permanently trained service through our dealer network



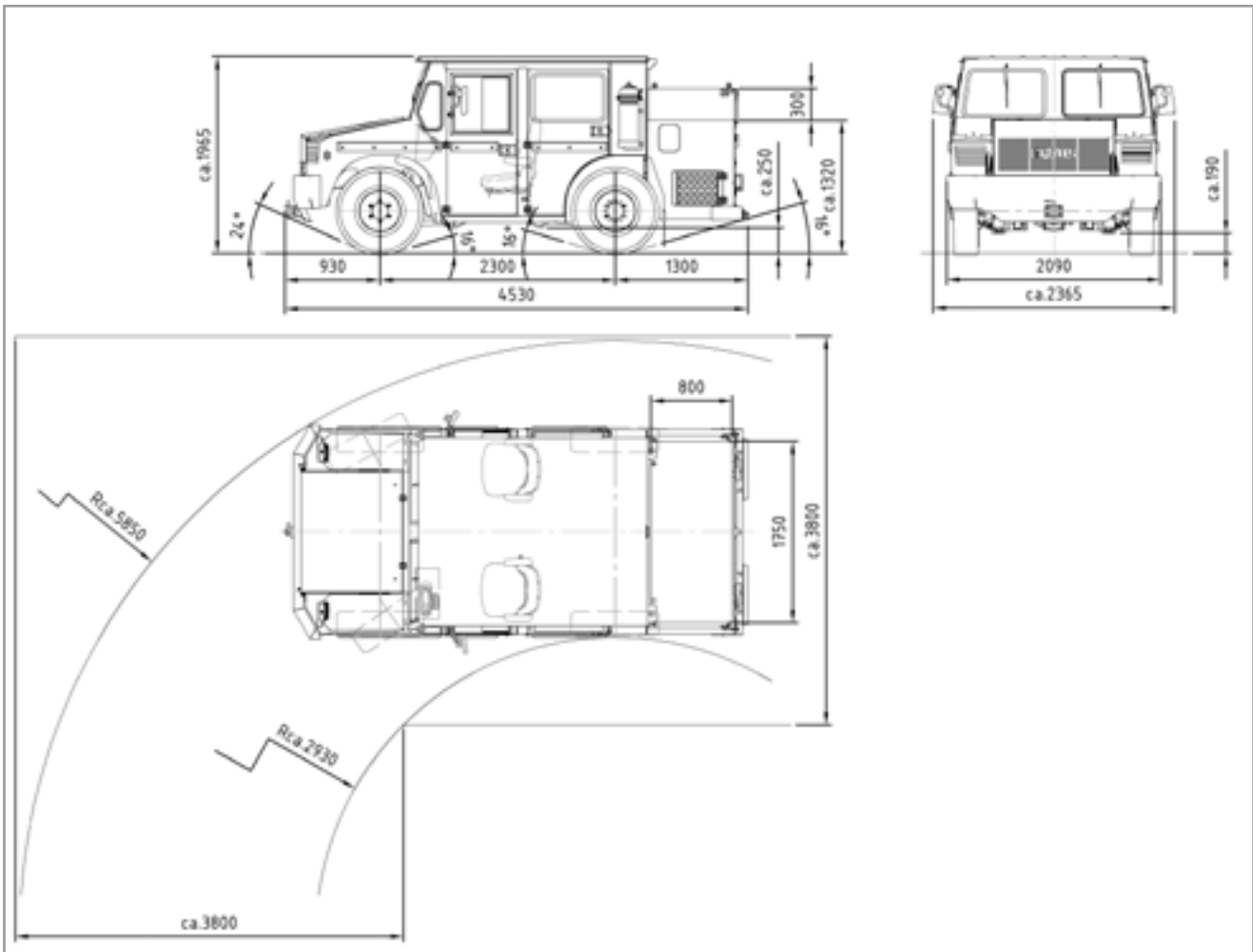
Scalable Battery-Packs - from 50KWh Standard Capacity...



...to optional 50KWh Extended Capacity

Technical Data

Paus MinCa 5.1 E



	MinCa 5.1 E -new-	MinCa 5.1	MinCa 18 A
Payload	1.200 kg	1.200 kg	4.000 kg
Empty Weight	4.200 kg, self-supporting body	4.200 kg, self-supporting body	5.000 kg, Carrier vehicle without rear body
Engine Versions Optional Versions	Danfoss, Electric Motor	Deutz, different exhaust stages	
Performance	up to 80 kW	up to 80 kW	up to 95 kW
Chassis	self-supporting chassis, steering axle at the front, suspended front and rear axle via coil springs with shock absorber	chassis with box frame, steering axle at the front, suspended front and rear axle via coil springs with shock absorber	
Drive Unit	Electric Drive	Hydrostatic Drive	Hydrostatic Drive
Axles	EME P174(front) and P172(rear)	Dana 211 (front) and 111 (rear)	Dana 212 (front) and 112 (rear)
Tires	8.25 R 15	8.25 R 15	9.0 R 20
Speed	up to 30 km/h	up to 30 km/h	up to 33 km/h
Standard Operating Temperature	-20°C up to +35°C	-20°C up to +40°C	
Permissible Longitudinal Gradient	max. 35%		
Standard Operating Altitude Above Sea Level	< 5.000 m	< 1.500 m	

All machines are also available with CE declaration, further variants, a multitude of configurations/bodies and options are available upon request.