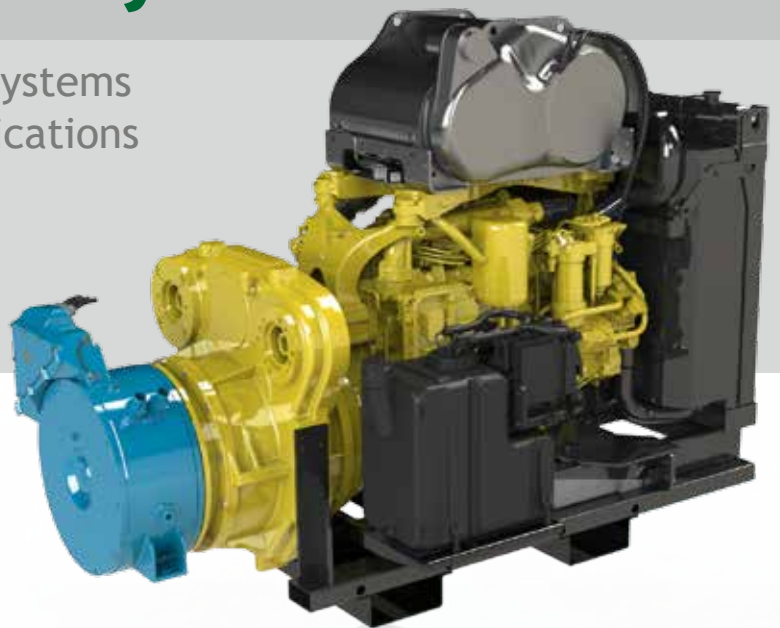


- Reduction of fuel, energy and operating costs
- Maximum efficiency thanks to hybrid power generation
- Stronger traction
- Energy recovery during braking
- Electrical wear-resistant braking system
- Environmentally friendly system

Smart Power Systems

Drive and energy systems
for industrial applications





1

Cat® Diesel Engine C7.1 ACERT

Type: CAT® C7.1 ACERT
Power: 186 kW at 2,200 rpm
Exhaust gas level: Tier 4 Final/EU Level 4
Engine displacement: 7.01 l
Exhaust system: DOC / DPF / SCR

2

STIEBEL Pump Drive

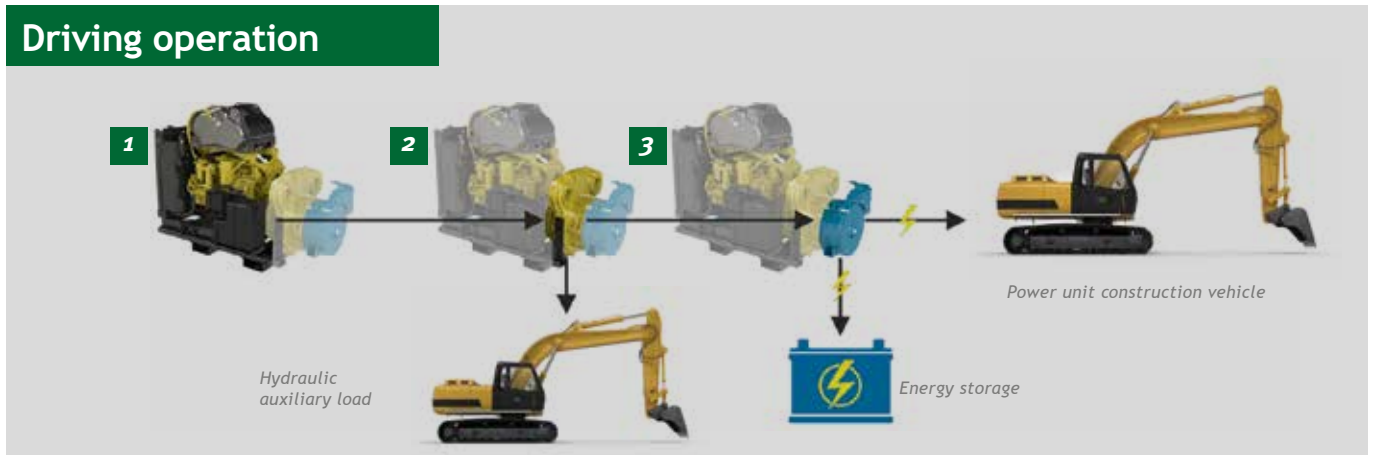
Max. input power: 520 kW
Auxiliary output per axle: 200 kW
Transmission ratio: 0.8:1 engine speed

3

JENOPTIK Generator

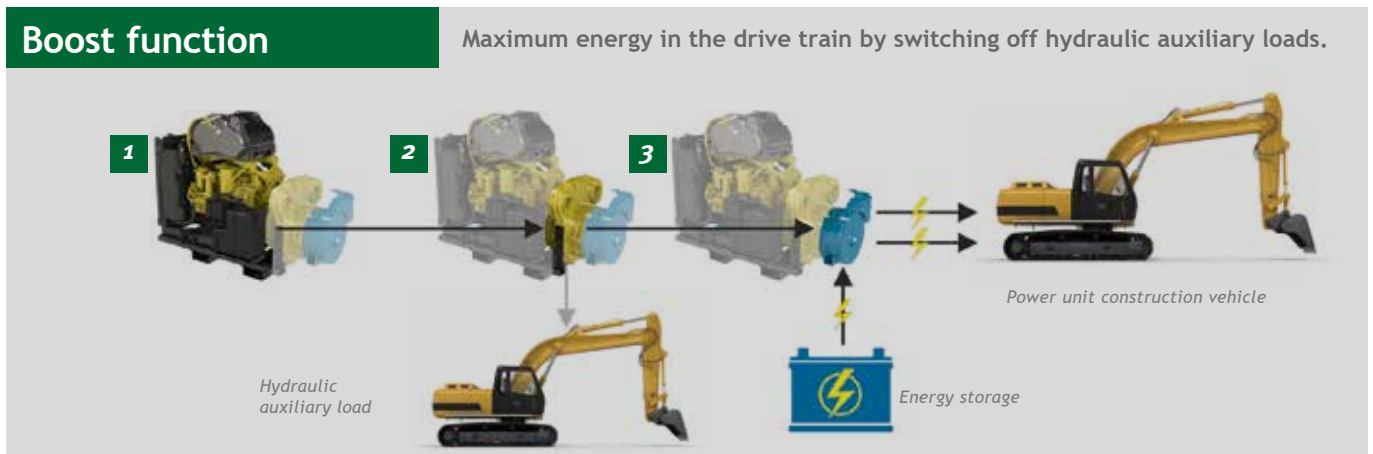
Type: SDPW 47.12-12
Power: 125 kW
Power factor: 0.96
Weight: 200 kg

Driving operation



Boost function

Maximum energy in the drive train by switching off hydraulic auxiliary loads.



Energy recovery

Smart usage of braking energy.

