SPECIALIST IN HEAVY DUTY ELECTRICAL AND HYBRID ELECTRICAL DRIVE TRAINS

FOR MOBILE WORK MACHINES

FOR BUSES

FOR MARINE VESSELS

Visedo – Real Green Gold Machine

ECV 8.10.2015, Juha Toikka
KESLA C860 Hybrid Wood Chipper

Presented in *FinnMetko 2014 exhibition*

**FACTS: KESLA C860 Hybrid**

- Drivetrain type: diesel/electrical
- Weight: 8,000 kg
- Production capacity: over 180 m³/h
- Size of the feed opening: 800 x 600 mm
- Number of blades: 8
- Diesel engine: Volvo Penta TAD572VE
KESLA C860 Hybrid Wood Chipper

System diagram

- EL Grid
- LCL
- Diesel Monitor
- DC/DC converter
- Generators
- DC/DC converter
- Motor
- Motor
- OPTO: Kuormainen pyörityksen säätökalustos
- Syöpöinti
- Kuormaheittimet

VISEDOL
KESLA C860 Hybrid Wood Chipper

Summary

- First and Only chipper that allows more energy produced with chipped wood than wasted in chipping and transportation process
- Fuel savings up to 35% in Chipping
- Around 100 000€ savings in investments in Chipper Vehicle
- Savings in maintenance of Vehicle and Chipper
- Tested by Luonnonvarakeskus (Metla)
  → Recommends hybrid technology also for other areas of forest industry

KESLA C860 Hybrid is in mass production and can be acquired!