

AIR-TEC SYSTEM TEST RESULTS: BAVARIAN ALPS

Kässbohrer Pistenbully PB600



Metering in a Kässbohrer
PistenBully PB 600 with winch
Built in 2009
Measuring runs AT the Bergbahnen
Mellau Hinterbundt 380, A-6881
Mellau

Date: 04.24.2014
Ambient temperature: 7 to 13 degrees
Celsius
Engine: Mercedes OM 460 LA
Engine speed: 1300-1500 RPM
Test conditions: the plate and drive
potentiometer trimmer raised
Level 9 winds
Track: 23

TEST RESULTS

PISTENBULLY PB600	TIME	Consumption/hour
With Air-Tec	8:06-9:10AM	6.92 gallons/hour
Without Air-Tec	9:37-10:37AM	7.37 gallons/hour
Difference		-6.1%



Fuel consumption was measured using a Diveko DFE in combination with a WebMatic Telematic and GPS system.



The Air-Tec Electronic Module was an ATS 24V System and the intake tube was wrapped with the Air-Tec Coil between the air filter and turbo charger.