

13.4 Technical data of sound level measurement

acc. to DIN EN 791 and 2000/14/EC (Outdoor-**Noise**-Directive)

A-registered sound power level (L_{WA}) in different operating modes	
Measured sound power level L_{WA} :	
without loading (idle running of engine)	89 dB
with loading (full throttle of engine)	100 dB
with running drill head unit (rotating)	103 dB
with running drill head unit (rotating/percussion)	--- dB
Declared sound power level $L_{WAd(declared)}$:	
without loading (idle running of engine)	91 dB
with loading (full throttle of engine)	103 dB
with running drill head unit (rotating)	106 dB
with running drill head unit (rotating/percussion)	--- dB

A-registered sound pressure level (L_{PA}) in different operating modes	
Sound pressure level at the control panel of the machine L_{PAS} :	
without loading (idle running of engine)	66 dB
with loading (full throttle of engine)	73 dB
with running drill head unit (rotating)	85 dB
with running drill head unit (rotating/percussion)	-- dB
Sound pressure level in distance of 16m from the machine L_{PA16} :	
without loading (idle running of engine)	53 dB
with loading (full throttle of engine)	64 dB
with running drill head unit (rotating)	67 dB
with running drill head unit (rotating/percussion)	-- dB