



Industrie Service

Attestation

The testing laboratory for noise and vibration of
TÜV SÜD Industrie Service GmbH
attests that the machine

LVS 3.1

manufactured by

Comde-Derenda GmbH

has a guaranteed sound power level of

$$L_{wA,g} = 57 \text{ dB(A)}$$

This value was determined by measurements of 3 machines according to EN ISO 3744:2010 and an uncertainty calculation according to EN ISO 4871:2009.

The measurements were performed in "automatic mode".

By using the model of an ideal sound source in a free field over a reflecting plane the (mean) sound pressure level L_{pA} on a hemisphere with radius r can be calculated from the guaranteed sound power level $L_{wA,g}$ to:

r in m	1	2	4	8
L_{pA} in dB(A) re. 20 μ Pa	49,1	43,0	37,0	31,0

Based on this the calculated mean sound pressure is

$L_{pA} = 31,0 \text{ dB(A)}$ in a distance of $r = 8 \text{ m}$.

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Test report: TR.505010008.002.2016 Rev. 0
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This attestation only refers to the samples submitted to TÜV SÜD Industrie Service GmbH for testing.

TÜV SÜD Industrie Service GmbH
Testing laboratory noise and vibration