

Technical Data

1.6 Advice for operators of the blast machine

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During the operation of the blast machine S320E110R it may be possible to exceed the acceptable noise level of 85 dB(A). This is dependent on the different locations and the local circumstances. When the noise level is 85 dB(A) or more, the machine operator and the persons working near the machine must wear sound-insulating devices.

Declared dual-number noise emission values in accordance with ISO 4871	Idle	Load
A-weighted middle enveloping surface sound pressure level L'_{pA} in dB	85,5	91,7
Uncertainty K_{pA} in dB	1,0	1,0
A-weighted sound power level L_{WA} in dB	100,5	106,7
Uncertainty K_{WA} in dB	1,0	1,0

The noise level was determinate in accordance with noise emission measuring DIN 45635, Part 1 – enveloping surface method. Idle: Machine on an outside concrete surface. Load: Blasting procedure with dust collector on an outside concrete surface.



For the use of the machine the operator has to have a current task-based hazard assessment in place, based on the work protection law and industrial safety regulation.

Operator workplace:

During operation, the machine operator must stand behind the machine and move the machine by hand in the working direction. The operator can reach all operating and control devices from this position.