

2.4 Statement regarding the vibration emission

Declared vibration emission value in accordance with **EN 12096**

| Machine Model / code | Measured vibration emission value a m/s ² | Uncertainty K m/s ² | Tool used Model / code |
|---------------------------------|--|--------------------------------|------------------------|
| CS 451 E 70184601973 | 2.8 | 0.5 | Duo Extreme Ø450x25.4 |

- Values determined according to procedure described in annex F of **EN 13862**
- Measurements are made with new machines. Real values in the field could vary the simple one with the double according to operating conditions, depending on:
 - Material
 - Cutting depth
 - Machine wear
 - Lack of maintenance
 - Tool not adapted to application
 - Tool in bad shape
 - Non-specialised operator
- Vibrations exposure time depends on cutting performance too (adaptation machine / tool / material / operator)
- When evaluating risks due to hand-arm vibration, you need to take into account effective usage at rated power of machine during a full day of work; quite often you will realise that effective utilisation time represents around 50% of overall duration of work. You have to consider, of course, breaks, water feeding, preparation of work, time to move the machine, disk mounting...

2.5 Statement regarding noise emission

Declared value of noise emission following **EN ISO 11201** and **NF EN ISO 3744**.

| Machine Model / code | Sound Pressure level L_{Peq} EN ISO 11201 | Uncertainty K (Sound Pressure level L_{Peq} EN ISO 11201) | Sound power level L_{Weq} NF EN ISO 3744 | Uncertainty K (Sound power level L_{Weq} NF EN ISO 3744) |
|---------------------------------|---|---|--|--|
| CS 451 E 70184601973 | 88 dB(A) | 2.5 dB(A) | 105 dB(A) | 4 dB(A) |

- Values determined using the procedure described in the standard **EN 13862**.
- The measurements are made with new machines. Actual values may vary with site conditions, in terms of:
 - Wear Machine
 - Lack of maintenance
 - Inappropriate tool for application
 - Tool in poor condition
 - Unskilled operator
 - Etc...
- Measured values relate to an operator in normal use, as described in the manual position.