

## NOISE/VIBRATION INFORMATION

Measured values determined according to EN-60-745.

Typically the A-weighted noise levels of the machine are:

- Sound pressure level - 87dB (A)
- Sound power level - 98dB (A)
- Measurement uncertainty - K = 3dB

### Wear hearing protection!

The typical hand/arm vibration is below  $2.5\text{m/s}^2$ .

## INTENDED USE

The machine is intended for stirring powder-type building materials such as mortar, plaster, cement, and solvent-free paints, varnish and similar substances.

## MACHINE ELEMENTS

The numbering of the machine elements refers to the illustration of the machine.

- |                     |                   |
|---------------------|-------------------|
| 1. Gear selector    | 5. Drive spindle  |
| 2. Auxiliary handle | 6. On/Off switch  |
| 3. Adapter          | 7. Lock-on button |
| 4. Stirring paddle  |                   |

## SAFETY INSTRUCTIONS

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

- When working with the machine, always hold it firmly with both hands providing a secure grip.
- Always wait until the machine has come to a complete stop before placing it down. The tool insert can jam and lead to a loss of control over the power tool.
- Do NOT use a machine with a damaged mains cable. Do NOT touch the damaged cable while working.
- Connect the machine being used to a power source via a residual current device (RCD).
- Do NOT use for explosive materials (e.g.: easily flammable solvent). Power tools can produce sparks, which would ignite developing vapours.
- In case the machine should fall into the material to be stirred, pull the mains plug immediately and have the machine checked by competent service agent. Material that has penetrated the machine can cause damage and lead to electric shock.
- Always use the auxiliary handle supplied with the machine. Loss of control can cause personal injury.

## AUXILIARY HANDLE

- Before any work on the machine itself, pull the mains plug.
- Operate the machine only with the auxiliary handle (2).

Depending on the application, the auxiliary handle can be mounted to the spindle collar in any position.

To adjust the auxiliary handle (2), rotate the bottom part of the handle in a counter-clockwise direction and tighten again in the required position.

## MOUNTING THE STIRRING PADDLE

- Before any work on the machine itself, pull the mains plug.

### Stirring paddle with M14 external thread.

Screw the stirrer (4) together with the adapter (3) onto the drive spindle (5). Hold the drive spindle (5) in place with an open-end spanner, size 17mm, and tighten the stirrer (4) to the adapter (3) with a second open-end spanner wrench, size 24mm.

For loosening or changing the stirring paddle, proceed in the opposite sense.

## STARTING OPERATION

**Observe correct mains voltage:** The voltage of the power source must agree with the voltage specified on the nameplate of the machine. Equipment marked with 230 V can also be connected to 220 V.

### Switching ON and Off

To **start** the machine, press the On/Off switch (6) and keep it depressed.

The machine runs with variable speed between 0 and maximum, depending on the pressure applied to the On/Off switch (6). Light pressure results in a low rotational speed thus allowing smooth, controlled starts. Do not strain the machine so heavily that it comes to a standstill.

**Lock** the pushed On/Off switch (6) by pushing the lock-on button (7) upward.

To **switch off** the machine, release the On/Off switch (6) or when locked with the lock-on button (7), press the On/Off switch (6) briefly and then release.

### Gear Selection, Mechanical

Two speed ranges can be pre-selected with the gear selector (1):

**1<sup>st</sup> gear:** Low speed range; when working with stirrers with diameters up to 200mm.

**2<sup>nd</sup> gear:** High speed range; when working with stirrers with diameters up to 140mm.

**Actuate the speed selector switch (1) only at standstill or no-load of the machine!**

If the speed selector switch (1) cannot be set to the end position at standstill, lightly rotate the drive spindle with stirrer.

## OPERATING INSTRUCTIONS

The choice of stirring paddle (4) depends on the nature of the substance to be stirred. For substances with a low viscosity (E.g.: dispersion paint, varnish, cement, sealing compound, cement grout), use a stirring paddle with a left twist. For substances with a high viscosity (E.g.: ready-mixed plaster, concrete, cement, screed, putty, epoxy resin), use a stirring paddle with a right twist.

Move the machine up and down while stirring.

Clean the stirring paddle after use.

