

---

## General information

### Installation of gravity separators

---



*Gravity table separator KPS*



*Dry Stoner KVOR*

---

**Gravity sorting tables, destoner and concentrators are designed for very precise classification according to the specific weight, therefore their erection and anchoring must be given due attention.**

**Erection and commissioning should be carried out by skilled personnel familiar with the erection of gravity separators of this type**

The gravity separator should be placed onto a firm and stable foundation e.g. a concrete floor or on a properly constructed steel structure. If the gravity separator is to be placed onto a beamed ceiling or onto an existing steel structure not specially constructed for the machine, bracing normally has to be fitted before the gravity separator is installed.

It is essential that the gravity separator is absolutely level in both directions and that is never forced to an uneven support. Possible gaps between frame and foundation should be made up with shim plates before the gravity separator is bolted to the foundation by means of heavy duty bolts. NEVER install on elastic bed such as rubber sheets!

To allow for replacement or cleaning of the deck, as well as preventative maintenance, the machine should be placed so that there is a free distance from the corner of the deck to the nearest wall or other obstacle. The space required for screens replacement is defined for each machine. Space for the installation and access further define local safety regulations.

For proper operation must be ensured equal feeding of material into the machine, so that material flow is not interrupted once a flow rate adjustment is made.

The electrical connections should be made by an authorized electrician so that all local regulations for electrical security, stop, and emergency stop etc. are observed. For safe machine stop specified electric brake should be installed properly. Dangerous vibration when stopping the machine can damage the machine or substructure!