AirLoc Wedgmount Precision Levelers

AirLoc Wedgmount® Precision Levelers are manufactured with modern manufacturing methods, such as the complete machining in one clamping operation with maximum precision and tight tolerances. Our Wedgmount® Precision Levelers can therefore be easily levelled even with the heaviest loads. We do not compromise when it comes to the dependability and long service life of our products. This is why all Wedgmount® Precision Levelers designed for heavy loads are manufactured from modular cast iron. Guide bolts and levelling spindles are made of high-strength steels. AirLoc Wedgmount® does not fall apart, not even while prepared for machine installation.

VRC - free standing
These anti vibration mounts are ideal for machines without fastening holes and for free placement under the machine bed. Available in different versions, even for especially heavy loads for special bed constructions. No need of anchoring to the ground.

VRC - bolt-on
These are used where a permanent connection to the machine bed is necessary, e.g. machines with high dynamic force, such as stamping and injection moulding machines. The milled surface guarantees a precise and long-lasting connection to the machine bed. No need of anchoring to the ground.

VRKC - bolt-on, spherical seat
These Wedgmount® levelers correspond to the type VRC - bolt-on, have however a spherical seat for compensating angle differences of up to 3°.

VRC - bolt-through
For machines which, due to low rigidity of the machine bed, have to be anchored to the ground, e.g. long-bed machines, boring machines, milling and machining centres. The milled surfaces guarantee a precise and long-lasting connection to the machine bed.

VRKC - bolt-through, spherical seat
These Wedgmount® levelers correspond to the type VRC - bolt-through, have however a spherical seat for compensating angle differences of up to 3°.

KSC - rigid clamp
For machines for which geometry is essential and, due to the low rigidity of the machine bed, have to be anchored in the ground without vibration isolation. The milled surfaces guarantee a precise and long-lasting connection to the machine bed.

KSKC - rigid clamp, spherical seat
These Wedgmount® levelers correspond to the type KSC - rigid clamp, have however a spherical seat for compensating angle differences of up to 3°.

VRKCS - socket mounted, spherical seat
AirLoc Socket Wedgmount® Precision Levelers are used for closed machine feet without the possibility of tightening a fixing screw, as e.g. with mineral casting machine beds. Only a blind thread is necessary in the machine foot. A sleeve is screwed in there and the leveler is simply mounted on it.

KaBloc - Optional Anchoring Method
AirLoc Wedgmount<sup>®</sup> Precision Levelers type KaBloc can be anchored using optional brackets if there is a need.
Mounting Wedgmounts® MSC
The mounting Wedgmounts® are for taking heavy machines or machine groups from a crane or other handling equipment. The mounting Wedgmounts® have a large levelling range.

Custom designs
AirLoc offers its customers the largest selection of Wedgmount® Adjustable Levelers that can be delivered on short notice. If there are advantages to be gained for our customers in having a custom-tailored solution, our experienced team of engineers can design one. Here you see just a few examples of successfully installed Wedgmount® Adjustable Levelers.

Fastening systems
The AirLoc fastening systems best suited to the corresponding AirLoc product.

Help for the selection
The selection table will help you to quickly find the right AirLoc products for your machine.

Our application engineers will be glad to recommend you the optimum solution. Please contact us!

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