

Checklist for AirLoc isolation

Mandatory - No processing possible when information is missing

This document can be filled in electronically.
Please save the file before sending it back to us.

Location of Application

Company / name	<input type="text"/>	Date	<input type="text"/>
Responsible person	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	E-mail	<input type="text"/>
ZIP <input type="text"/>	City / Country <input type="text"/>	Fax	<input type="text"/>

Machine data

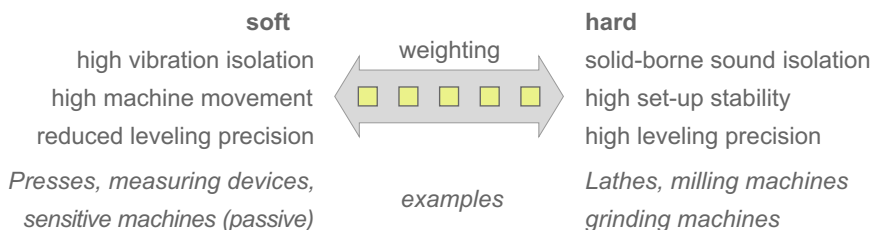
Type of machine	<input type="text"/>	Manufacturer, model	<input type="text"/>
Machine weight (working configuration)	<input type="text"/> kg	Revolutions / Strokes p. m.	<input type="text"/> /min
Maximal weight of working pieces	<input type="text"/> kg	Press force	<input type="text"/> kN (10kN~1t)
External machine dimensions	length <input type="text"/> mm	width <input type="text"/> mm	height <input type="text"/> mm

Machine set-up option

	<p>freestanding</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><input type="checkbox"/> Isolation pad</p> <p>without leveling</p> </div> <div style="text-align: center;"> <p><input type="checkbox"/> Wedgemount</p> <p>with leveling</p> </div> </div>	<p>support points specification:</p> <p>quantity <input type="text"/></p> <p>length <input type="text"/> mm</p> <p>width <input type="text"/> mm</p>
	<p>bolt-on</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><input type="checkbox"/> Jackmount</p> </div> <div style="text-align: center;"> <p><input type="checkbox"/> Wedgemount</p> </div> </div>	<p>support points specification:</p> <p>quantity <input type="text"/></p> <p>length <input type="text"/> mm</p> <p>width <input type="text"/> mm</p> <p>feet thickness <input type="text"/> mm</p> <p>max. diameter fixing screw <input type="text"/> mm</p>
	<p>bolt-through (anchored)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><input type="checkbox"/> Isolation pad</p> <p>without leveling</p> </div> <div style="text-align: center;"> <p><input type="checkbox"/> Jackmount</p> </div> <div style="text-align: center;"> <p><input type="checkbox"/> Wedgemount</p> </div> </div>	<p>support points specification:</p> <p>Quantity <input type="text"/></p> <p>length <input type="text"/> mm</p> <p>width <input type="text"/> mm</p> <p>feet thickness <input type="text"/> mm</p> <p>max. diameter fixing screw <input type="text"/> mm</p>

Isolation

Specified set-up option



Important information

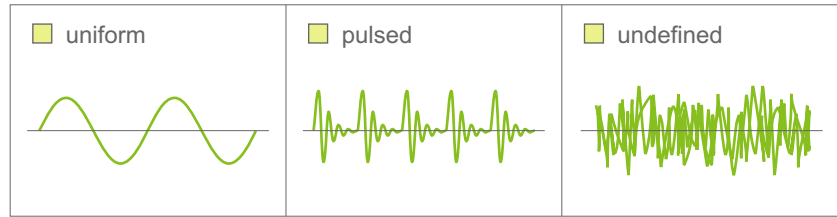
Vibration isolation, i.e. the prevention of the transmission of vibration forces between two bodies in contact, is only possible with an elastic mounting. Conversely, this means that no vibration forces can be reduced with a rigid, inflexible connection. Therefore it is a compelling consequence that a vibration isolated machine must be set up softly. The often demanded "rigid vibration insulation" is physically not feasible! For this reason, you will find on the left the possibility of weighting your requirements for the support of your machine. Soft to the left, in which the insulation is in the foreground, hard to the right, in which the stability of the machine is prioritized.

How do you judge the existing disturbances?

<input type="checkbox"/> no isolation required	<input type="checkbox"/> just noticeable	<input type="checkbox"/> noticeable (disturbing)	<input type="checkbox"/> strongly noticeable (irksome)	<input type="checkbox"/> very strong (unacceptable)
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Vibration isolation

Type of vibration



Dynamic forces

daN

vertical

horizontal

rotating

Environment

Are the isolation pads exposed to the following fluids?

acids

bases

solvents

mineral oil

hydraulic oil

cleaning agents

coolants / lubricants

Location of machine

ground floor

elev. floor

foundation slab

with basement

sensitive machinery

regulatory guidelines (enclosed)

neighborhood

Have vibration measurements been carried out?

no

yes

measuring report (enclosed)

Comments

Attachments

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