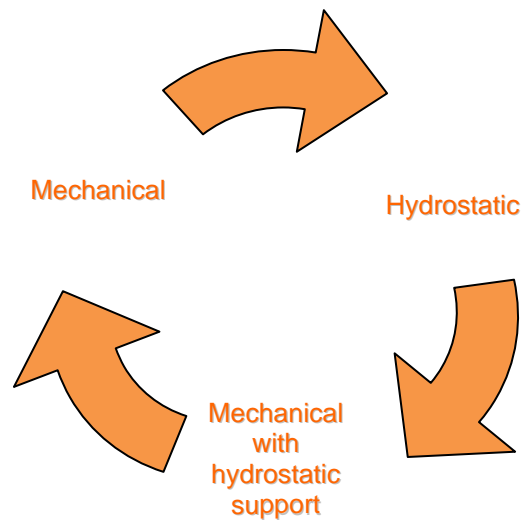


Steering systems for marking machines



Mechanical steering has the disadvantage that uncomfortably high effort is required to manoeuvre the machine. In contrast, this type of steering is not sensitive to faults caused by the steering wheel, particularly because of the high effort required and therefore facilitates maintaining the correct direction during marking work in an unsurpassed manner.

Hydrostatic steering has the advantage of low effort, which substantially facilitates manoeuvring the machine, especially when conditions are tight, but makes maintaining the correct direction during marking work more difficult (with less concentration by the driver). HOFMANN has therefore, in the past, frequently converted machines supplied with hydrostatic steering to mechanical steering at the request of users.

Mechanical steering with hydrostatic support combines the advantages of both types of steering. It is just as advantageous as mechanical steering for very slight steering wheel movements – i.e. even during marking work. The hydrostatic support only starts for quicker and larger steering wheel movements and then makes the steering as comfortable as a purely hydrostatic system. HOFMANN has offered this type of steering, which is used in cars and trucks, since 2004, as an option based on decades of experience. It is the most complicated and expensive type of steering but the most advantageous in every regard.

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