

Cab suspension

Task Description: **Riding tractor**

Tractor drivers undergo whole body vibrations on the road and on the field.

Comments of the employee:

- ❑ 'No comfortable sitting posture'
- ❑ 'Vibrations (seat, quality floor, hand/arm machinery...)'
- ❑ 'Opportunity to have a break or change activity'

MSD risks:

- ❑ Posture
- ❑ Duration
- ❑ Vibrations (whole body or hand/arm)

Exposed areas:

- ❑ Lower back

Solutions:

- ❑ Deutz-Fahr – Cab suspension

The cab is mounted on silent-bloks at the front and on air bellows (or two mechanical springs) at the rear side. A Panhard rod reduces the lateral and torsion movements. The height of the cab is constant in relation to the frame of the tractor. The most extreme shocks are dampened by two hydraulic shock absorbers.

