

## Robot with automatically opening doors

### Task Description: **Opening the gates**

Before and after the milking process the cows have to enter and leave the parlour. In a traditional way the doors are opened manually.



### Comments of the employee:

- 'Work height not in accordance with work posture'
- 'Walking distance too far'

### Comments of the employer: motivation regarding solution:

- This task as such will not result in overuse injuries. It is more a matter of comfort and time.

### MSD risks:

- Posture: reaching to the gate
- Force: from a difficult working posture, a lot of force is required

### Exposed areas:

- Arm/wrist

### Solutions:

- In a robot the gates open automatically for entering and leaving the milking system.

