

## Robot cleans teats by lukewarm water

### **Task Description: Udder cleaning**

The farmer walks to the paper roll, takes a piece of paper or a moistened cloth and walks back to the next cow. When the roll of paper is located on a fixed place at the entrance of the recessed parlour, the farmer has to walk a lot. This is burdening for the lower limbs and time consuming.



### **Comments of the employee:**

- 'The work height is not in accordance with the work posture: reach distance'
- '... walking distance'

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

- The employer is also the employee, dairy farming is family business.

### **MSD risks:**

- Posture: reaching above shoulder height
- Frequency/duration: repetition is low, but walking distance high

### **Exposed areas:**

- Neck/shoulder
- Lower limbs

### **Solutions:**

- In an automatic milking system the robot (Delaval) also cleans the teats automatically by lukewarm water. Drying the udder occurs with compressed air.

