Exercise 1.13:
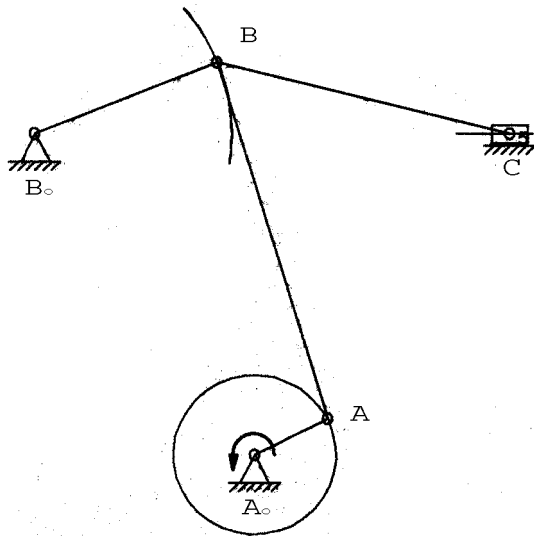

Analysis of the movement of a **knuckle joint press** using PC-Program SAM 6.0
Create the knuckle joint press with the given coordinates.
A_o (0/0)
A (100/50)
B_o (-300/450)
B (-50/550)
C (350/450)
Use the **Input motion**:
Motion   360 [deg]
Time   1 [s]
Intervals 36 [-]
Now calculate with the **Abacus** icon and animate the mechanism using the **Windmill** icon.
Discuss the movement of press in respect to point B. Is this a good movement for the pressing (forming) of a steel sheet piece such as a engine bonnet or a rear wing?