

ARVETI4.0 –

Project partner:



IES POLITECNICO de VIGO

<p>LTTA2: Examples of the industrial applications of mixed-reality glasses:</p> <p>Driving the Krone BIG X self-propelled harvester</p>	
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TASK: Preparation of the machine and chopping of maize fields

Materials: VR-Glasses (HTC VIVE) & equipment, Farming Simulator model & program, vorpX program

Instructions:

1. Starting the necessary programs

- hook up the VR-Headset, press the button on the link box and make sure the infrared sensors are connected to power
- start vorpX
- start Armrest Key and tick the box for enable
- start farming simulator 19
 - if vorpX symbol shows up at the bottom of the screen, the program is hooked up successfully
 - if it doesn't show, close every program and try again

2. How to drive a KRONE-harvester (Farming Simulator)

Step 1	unfold the maize cutting tool
Step 2	the metal detector has to be reset to default; use the revision button on the driving lever and reset the cutting tool
Step 3	start the maize cutting tool by pressing the reset button
Step 4	lower the maize cutting tool by pressing the lowering button
Step 5	swing the maize ejection spout sideways (on the side where the maize has already been cut) until the helper drives up next to you with his tractor
Step 6	begin to drive the harvester into the field to harvest the maize
Step 7	try to drive the strokes straight
Step 8	try to drive into the next stroke by turning the steering wheel in front of you, but pay attention to the rear wheel steering
Step 9	at the end of the harvest, stop the cutting tool, fold it together again and swing the ejection spout in parking position



Need some help?



Ask our team!



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