Duplication Process • Confidential

Artwork: The Punishment
Artist: Filipe Vilas-Boas

Website: www.filipevilasboas.com
Instagram: @vilasboas.filipe
Phone: +33663538095
Mail: ateliersvilasboas@gmail.com

Description

The Punishment is an installation in which a robot executes a preventive punishment for its possible future disobedience. Technically, a robotic arm writes over and over "I must not hurt humans." with a handwriting style on a notebook laid on a school table.
Full description, video and pics here: filipevilasboas.com/The-Punishment

Actual versions of the work

The easiest way to do it :
-   Video Projection
-   Transport and install a version already made from France (Paris, Rennes or Metz).

Duplication of the robotic installation

Option #1

Only reprogram the writing part. Artist provides the code for the text in English.
During the exhibition, an operator will tear down the pages by hand, replace a sheet and restart the process.

Option #2

An autonomous robotic arm that writes and tears pages down when page done.
Video sample : https://www.instagram.com/p/BjML13MjDoJ/

Program must be updated with countdown of the number of pages to stop when notebook finished. Better add more pages than needed in case the system tears down two pages at the same time instead of only one.

During the exhibition, the installation is autonomous but it always needs to be checked from time to time.

Material

- a robotic arm
    - Kuka KR 10 Agilus
    - or equivalent (see examples below)
- a school table and chair
    - previous examples :
        - 1 https://www.instagram.com/p/BtDyFdflWL4/
        - 2 https://www.instagram.com/p/BvlRBO9BO-K/
        - 3 https://www.instagram.com/p/B2Y5VarAJS5/
        - 4 https://www.instagram.com/p/BjETDGnjFAP/
    - the flatness of the surface is important here to execute properly the program
- sheets of paper with high grammage + fixation system
    - fixed on by one to the table with a document holder (option 1) example 2
    - or pile of 20 sheets held by a fake notebook base with corners to fully stabilize the sheets (option 2)
- several pens
    - poska ones have flexible mines that can help
    - but most of the time I use regular pens (Bic)
- a system to hold the pen
    - could be done with 3D printing + spring https://www.instagram.com/p/B3PhPVTANro/
    - or only 3D printed holding system https://www.instagram.com/p/B2rd6MXgAyf/
    - or metal "hand"
    - https://www.instagram.com/p/BvlRBO9BO-K/
- program to execute
    - english provided, but there are always some adaptations to do according to the kind of robotic arm we use.
    - translation can be authorized under certain conditions
    - NB: same program to execute at different heights to compensate the pages torn off from the notebook.
- an inch with a suction system to tear pages down (option 2 only)
- wireless speaker
    - Playlist in loop mode: ["*Cour de Récré"* x 7 + "Sonnerie de fin" x1]
    - Download tracks here

Set Design
When possible, collect the sheets done and show it on a wall behind the installation.
Sheets are usually temporarily fixed to the wall with Blu-tack/Patafix
Example: https://www.instagram.com/p/B2rd6MXgAyf/

Warning
Do not give away the written sheets, those are artist property.
They must be all archived and returned to the artist for a future show.