ROBOTIC SPACE

By: Isaac Shor and Snir Winetruab

The project strives to develop a new idea of living together with your partners in a very small space, taking into account the fact that in the 21st century people often bring the workplace into their home.

We present a space that can create various functionalities in one small apartment. This space is specifically geared toward supplying the work space and home for 3 young entrepreneur starting a high tech company.

This is in many ways a dystopian reality that seems impossible in 60 square meters, therefore the most important thing to do is to create an adoptable and ever changing model.

We consider the fact that when living this way, some people would like different elements in the room to be within reach. We will show our solution to how functions will follow these people around as needed.

We chose to create a reality in which privacy is not as important, these three young men must stick together and work hard in a closed yet creative environment in order to keep their company alive.

Creative Process TRIGER OBJECT

The music box was the initial inspiration object for our project. What we took out of it was the idea that a single action could start a procedure that causes an entire process to take place. In our space you move one unit, and the whole room changes with it.

SITE LOCATION

6969

kibutz galuyot st. the square apartment

6971--

SOUTH FACADE

CURENT FLOOR PLAN/SECTION

INSPERATION

The pipes and steel rails triggered a thought that we could reveal the mechanics of our space and use the beauty of the machine as our esthetics.

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Inspiration: Bumper cars



Model one

how does each machine trigger the other?

Model 2

controlling the bumper cars by using an overhead grid





Overhead grid development



Overhead grid-machine room



MATERIALS & COLLORES



Connecting elements and chosen arch language



My cars kitchen/work space

This is the kitchen unit- the movement functions (red) include two storage units which moves out of the original unit (brown), **one** half circle bar that can roll down when we rotate the fridge in 90 degrees to the right. This unite can use these cabinets as a cooking area and eating area as well.









My cars shower/work space



This unit is the shower unit- the interaction here creates a working table surrounding the shower, while the wall in the right side of it can move back and forth. This way the shower can be close and we get more space around it, and when its open we get a washing function and a mirror on the back of it.

My cars bed/couch

This is the bed unit- It's a different type of open-up-couch. The mattress slides from side to side thus enabling a sleeping capsule or a couch and closet.











My cars bed/bar

This is a unit that is either a bar or a bed depending on the need at the time. It is always pressed against a wall since we never need both functions at once







My cars wall/couch























Party time setting



diagran





Work work work





Cross section



simulation movies



Static simulation

dynamic simulation

