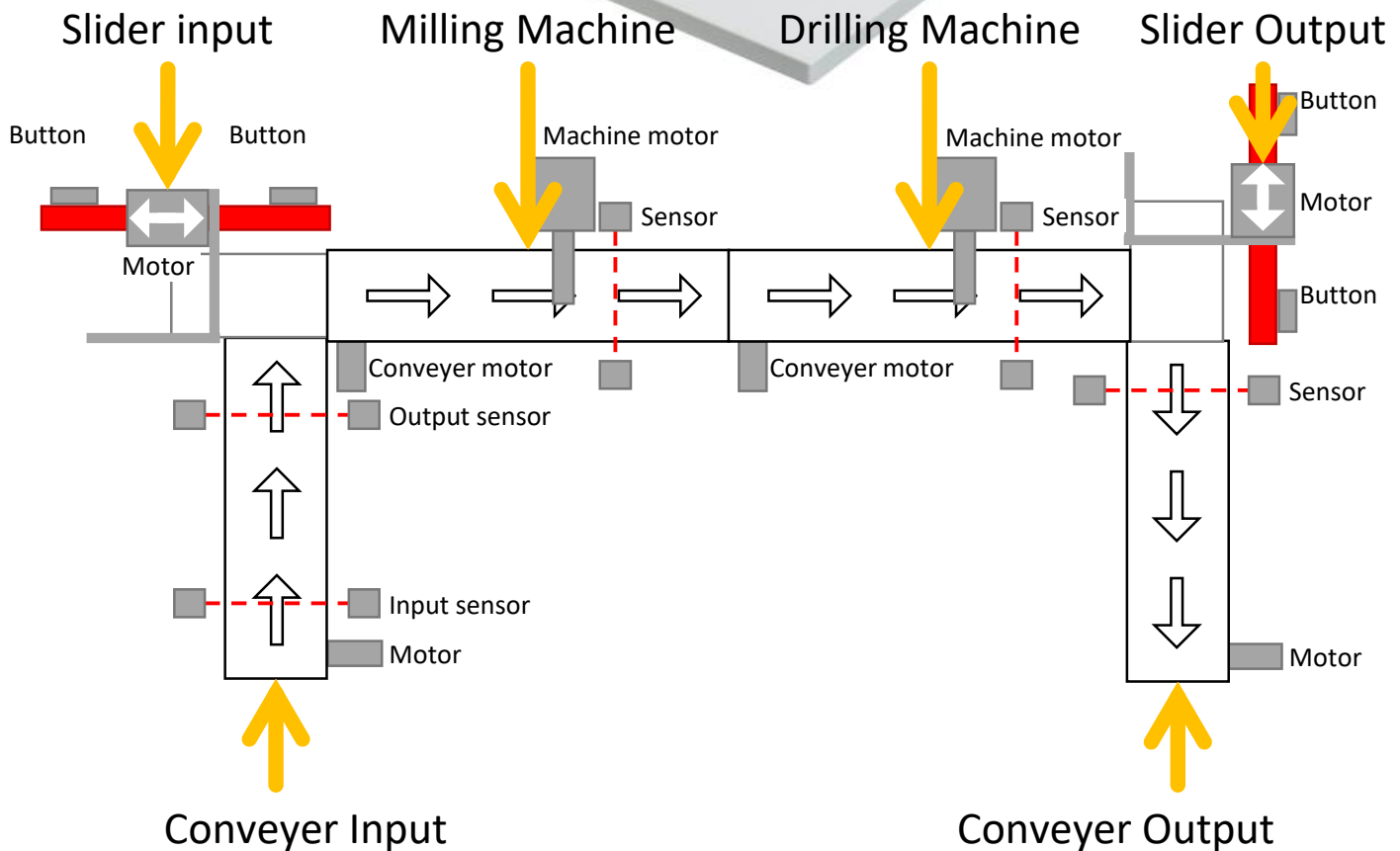
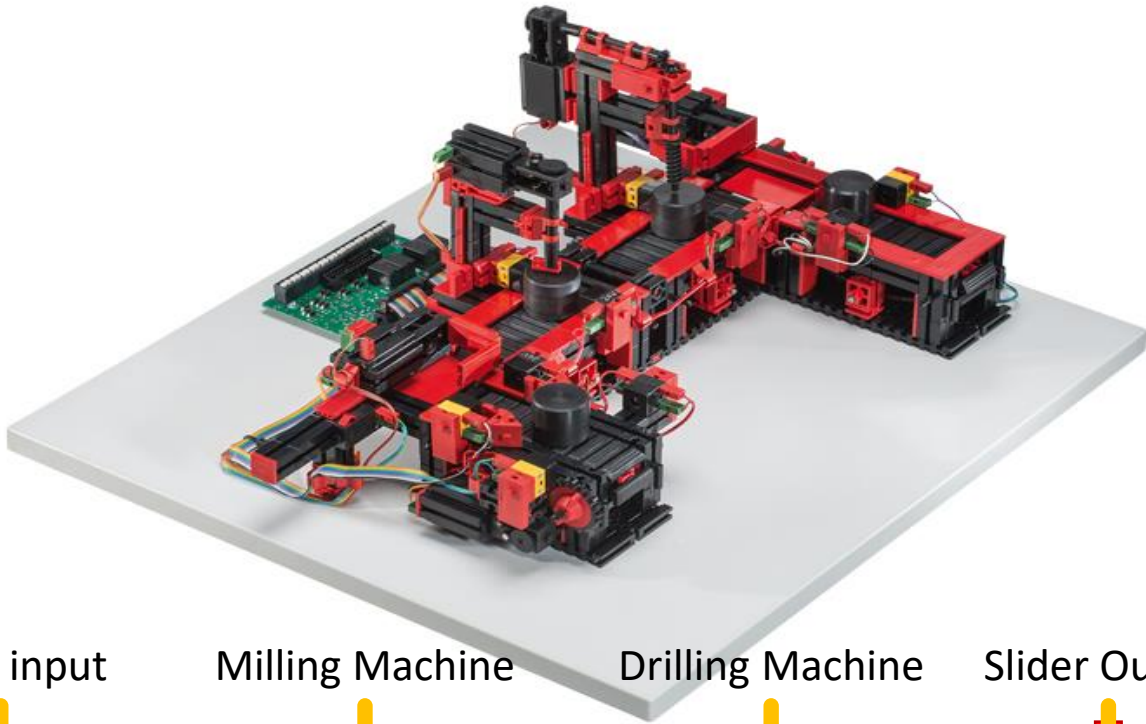


fischertechnik: Indexed Line with two Machining Stations

Station no. 96790

- Program design



Program design

Each equipment module has similar control I/O

Each EM has similar control I/O, the most important (which are present on each EM) I/O's for controlling the equipment module are:

Writing bits:

- xStart | Starts the program loop
- xSuspend | Suspends the program loop
- xTerminate | Stops the program loop immediately
- xErrorReset | Resets the Error bit

Reading bits:

- xReady | Ready bit, indicating the program loop can be started
- xDone | Done bit, indicates EM has finished its loop (only TRUE for one cycle)
- xError | Error bit, indicating an active error

asynchronous

Because of the similar control I/O it's possible to have multiple pieces simultaneously in the Fischer Technik station.

The next equipment is activated on the xDone bit of the previous EM. A piece may not be brought to a next EM if the xReady bit of this next station is not TRUE.

Program design | State diagram

