

Ironfold Machine

Definition of Ironfold Machine

Ironfold: that's machine working to folding and ironing the cloths across complex mechanism also simple and efficient to using with save energy and time, provided it in medical services locations, home households, Hospitals Clinics, Imaging Centers, Retail Businesses, Dry cleaning services



Work principle of Ironfold Machine

Step1 :Drag the cloths using Slider Mechanism

Step2:Pass the cloths using Belt System

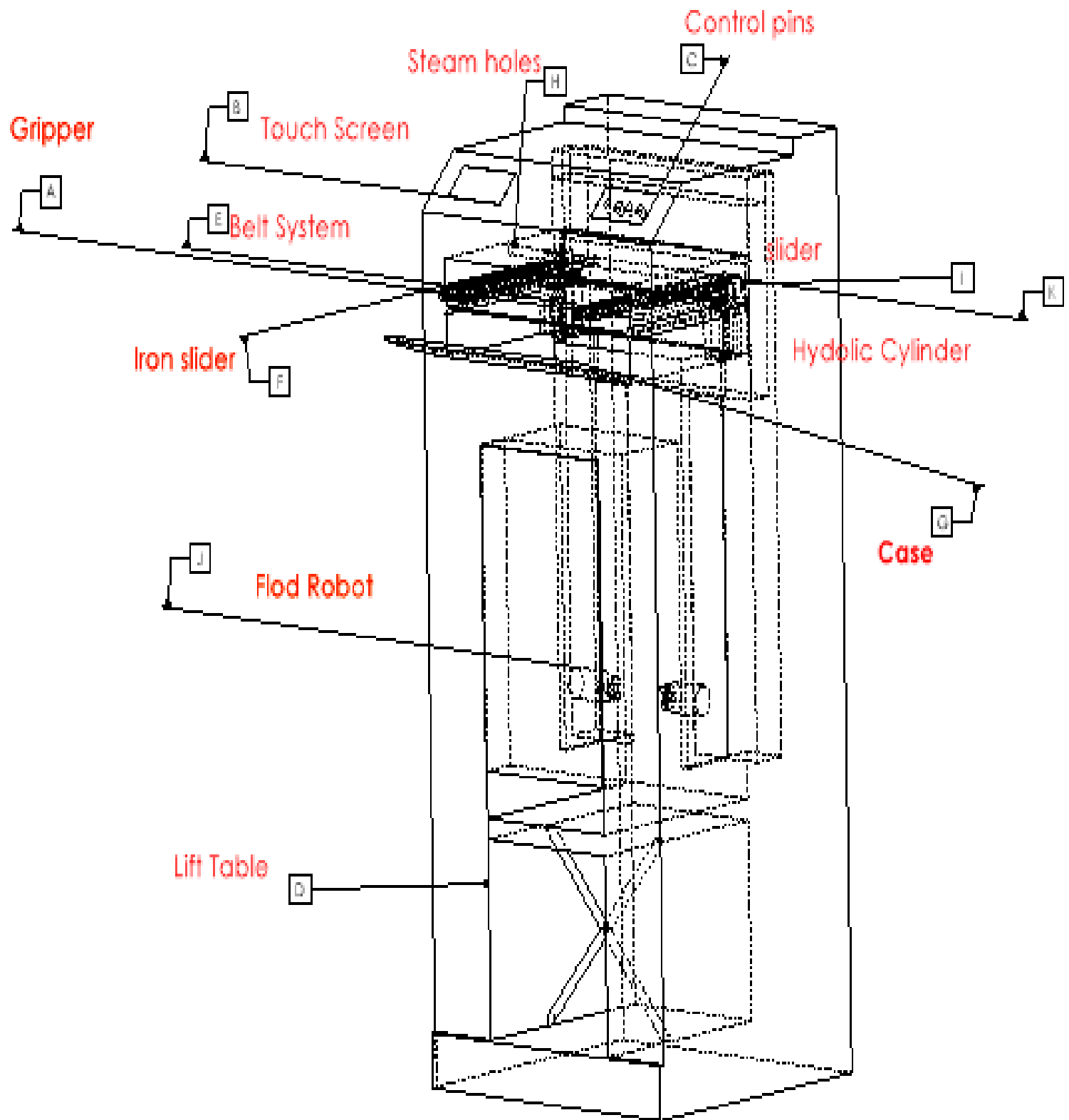
Step3:Mounted with Sprinkle Systems devices so inlet the steam across holes pipe mounted in the center mechanism and also fit with cloths using thermos sensors

Step4:Make the Rolling the systems that's help as ironing the cloths

Step5:Flood Robot using PLC/Electronics Parts

Step6:Outlet the product using Hydraulic System as lift table

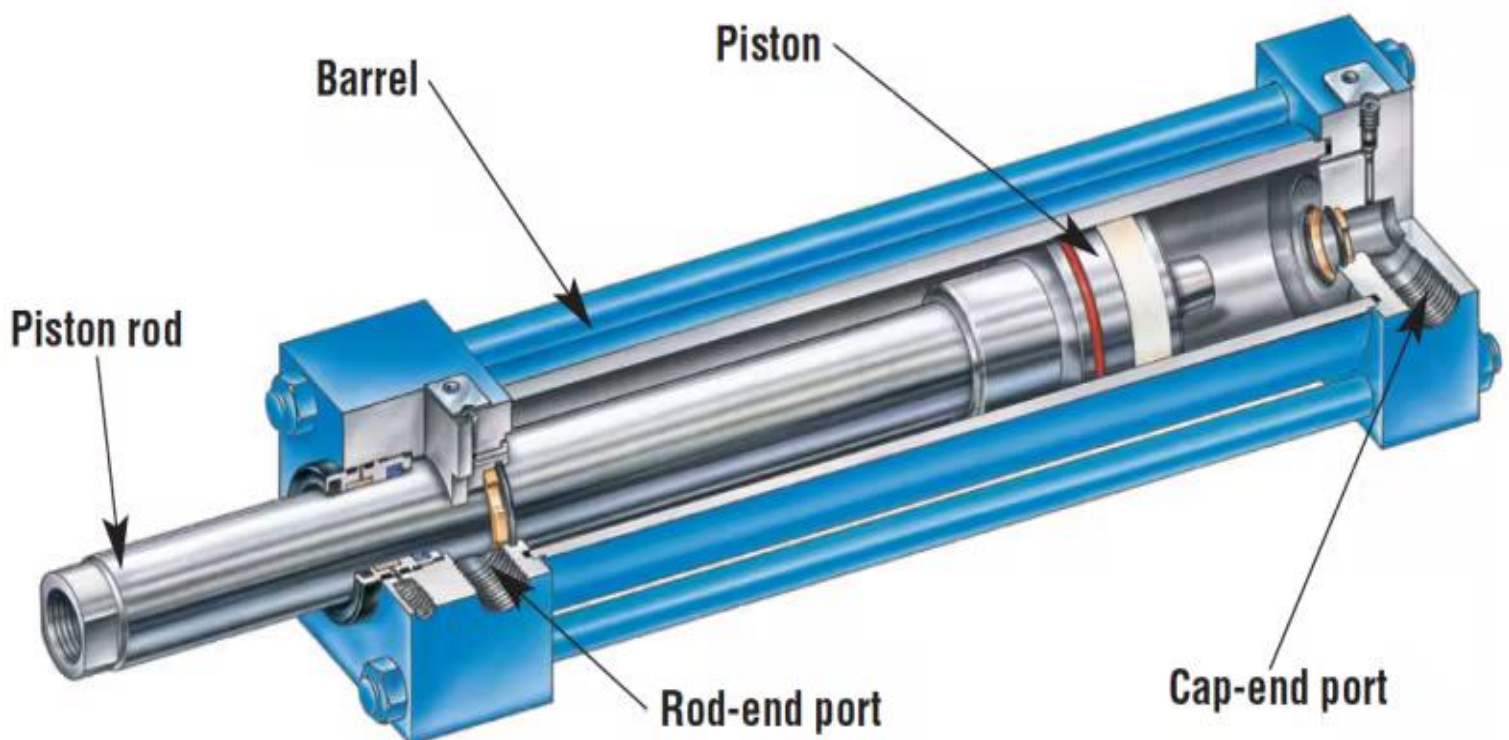
Product Overview



Hydraulic systems

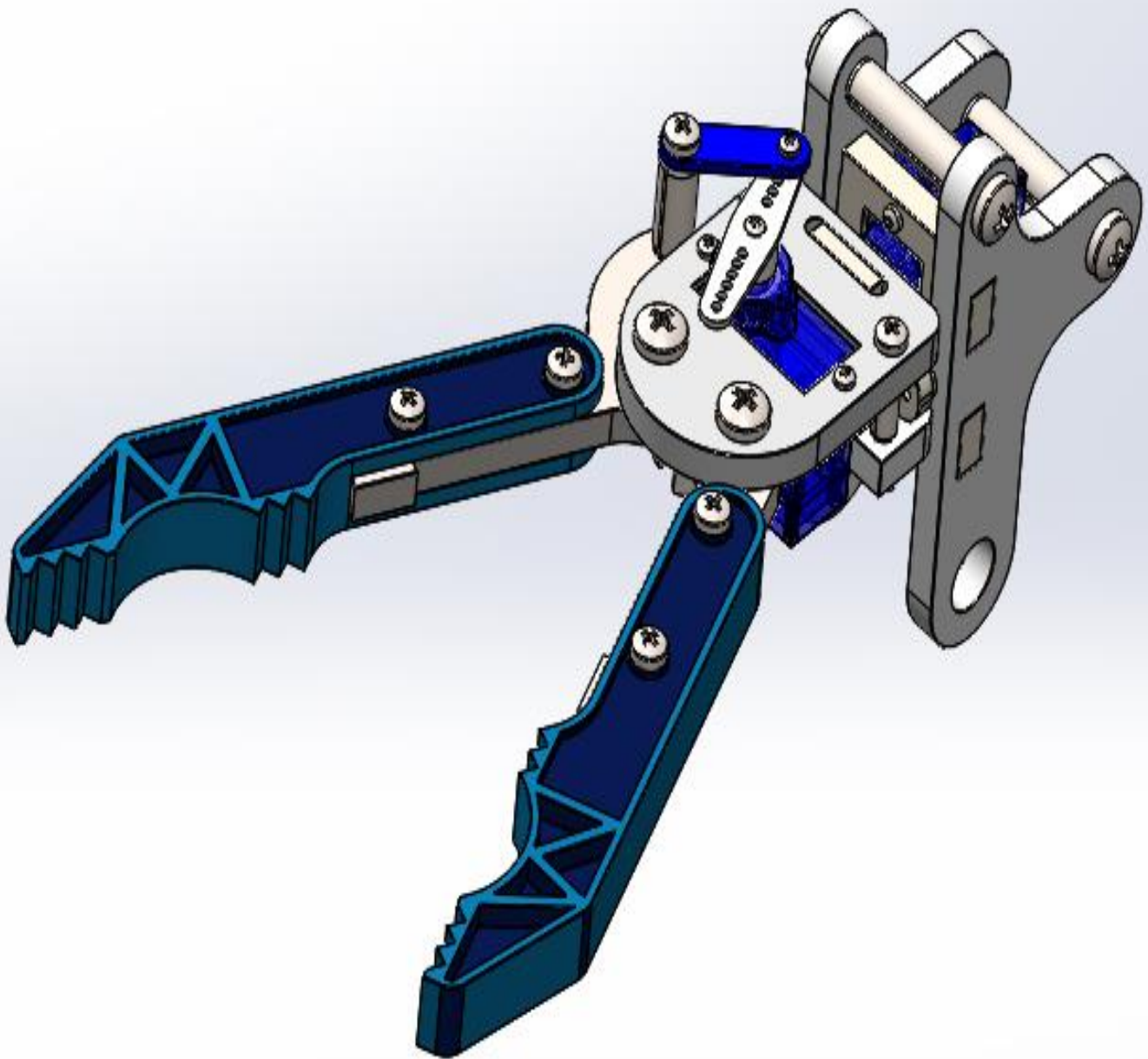
The linear motion and high force produced by cylinders are big reasons why designers specify hydraulic and pneumatic systems in the first place.

One of the most basic of fluid power components, cylinders have evolved into an almost endless array of configurations, sizes, and special designs. This versatility not only makes more-innovative designs possible, but makes many applications a reality that would not be practical or possible without cylinders.



Control Arm

This part will pull the clothes from the moment they are inserted into the machine and then distribute the movement to the winding system associated with the machine



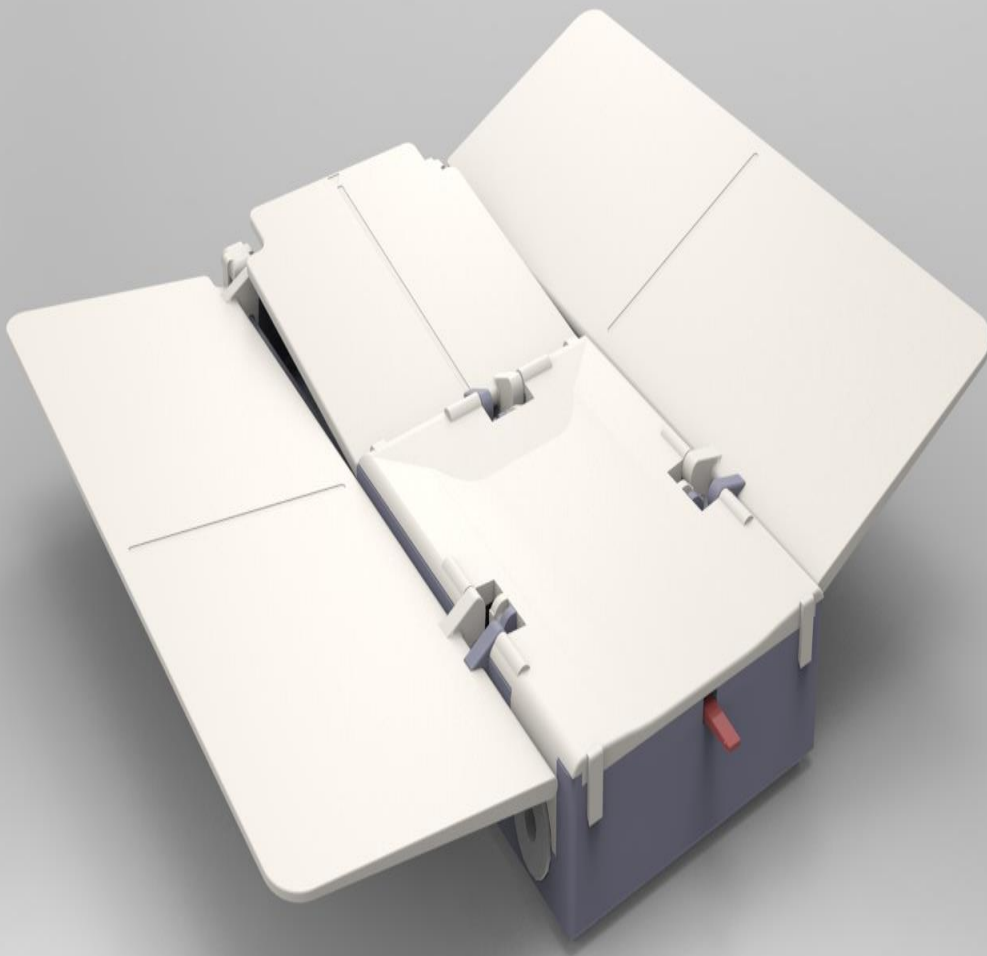
Belt System

It is the part that assists and moves the clothes in a sliding manner from the beginning of the process to the end and is controlled by electronic panels such as self-control



Folding Part

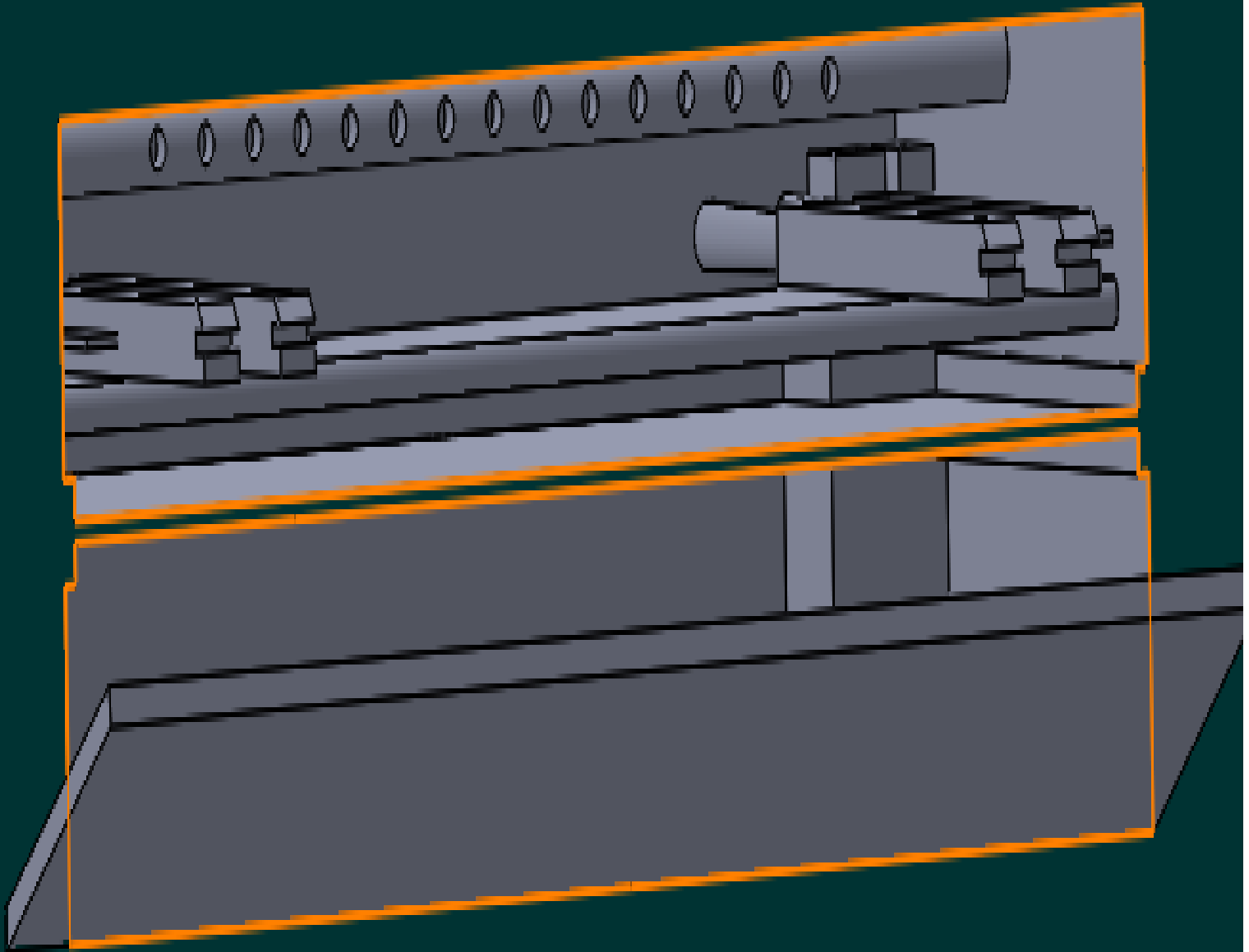
This is the part that folds the clothes in an appropriate way so that the type of product and orders are taken by programming the control piece and is selected through the user screen



Ironing Part

This part, when starting the ironing process and moving the joint linearly, sprays some drops of steam that help in the ironing process

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Lift Table

Here in this step, after the ironing and folding process is done, the belt system will deliver the product to this table and it will calibrate the specific role so that the product is taken out according to the user's need



Manufacturing Drawing

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