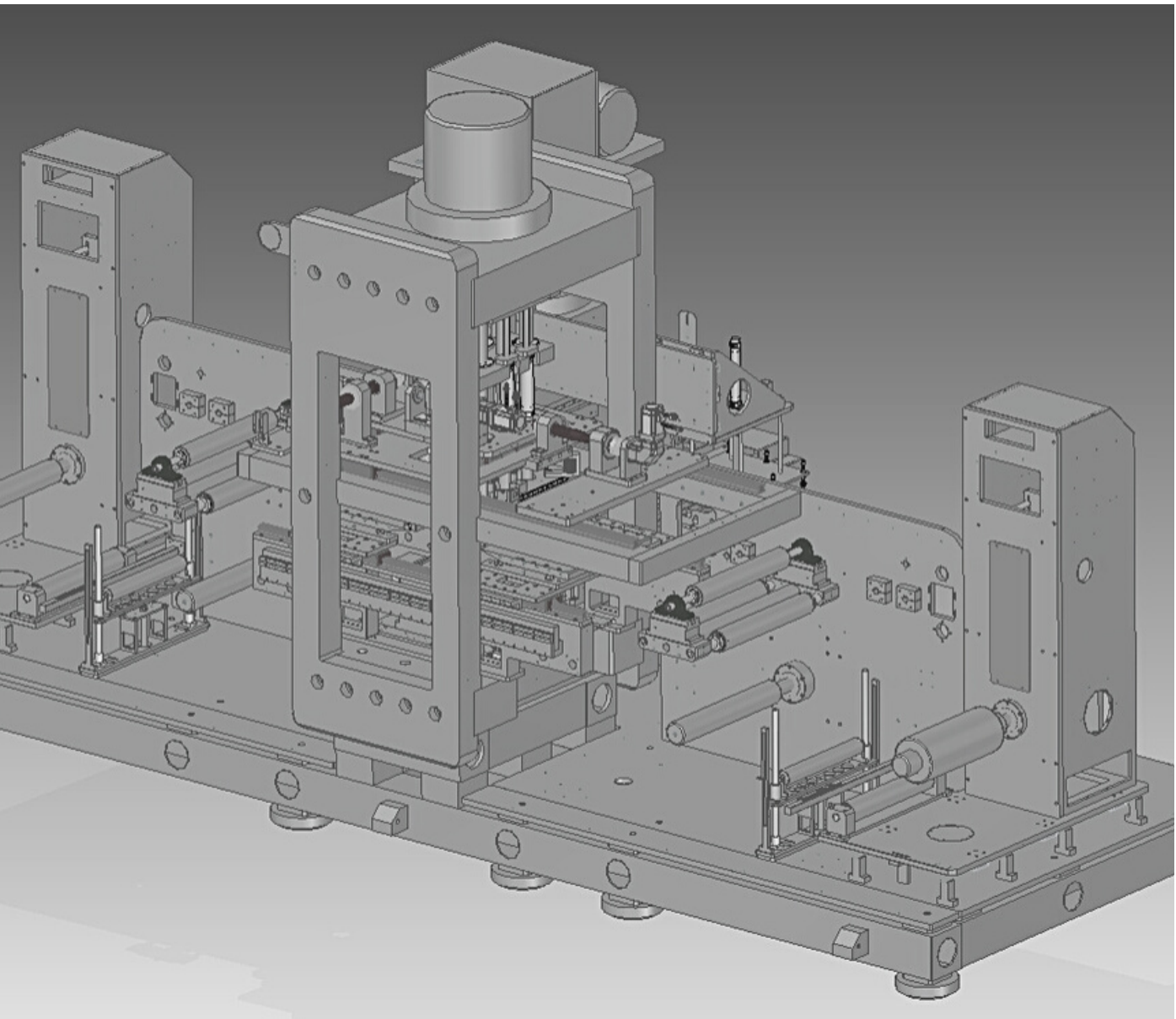


# 310 Stacker

Falcon Automation Equipment Corporation

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Taiwan, 06/06/2021

# Specification

Machine dimension : 4.3M(L) x 1.65(W) x 2.4M(H).

Applicable Product Size : 310mm x 310mm.

Primary power : 220VAC, 50/ 60Hz, 100A,

Weight : About 9,000 kgf.

Machine Color : Standard

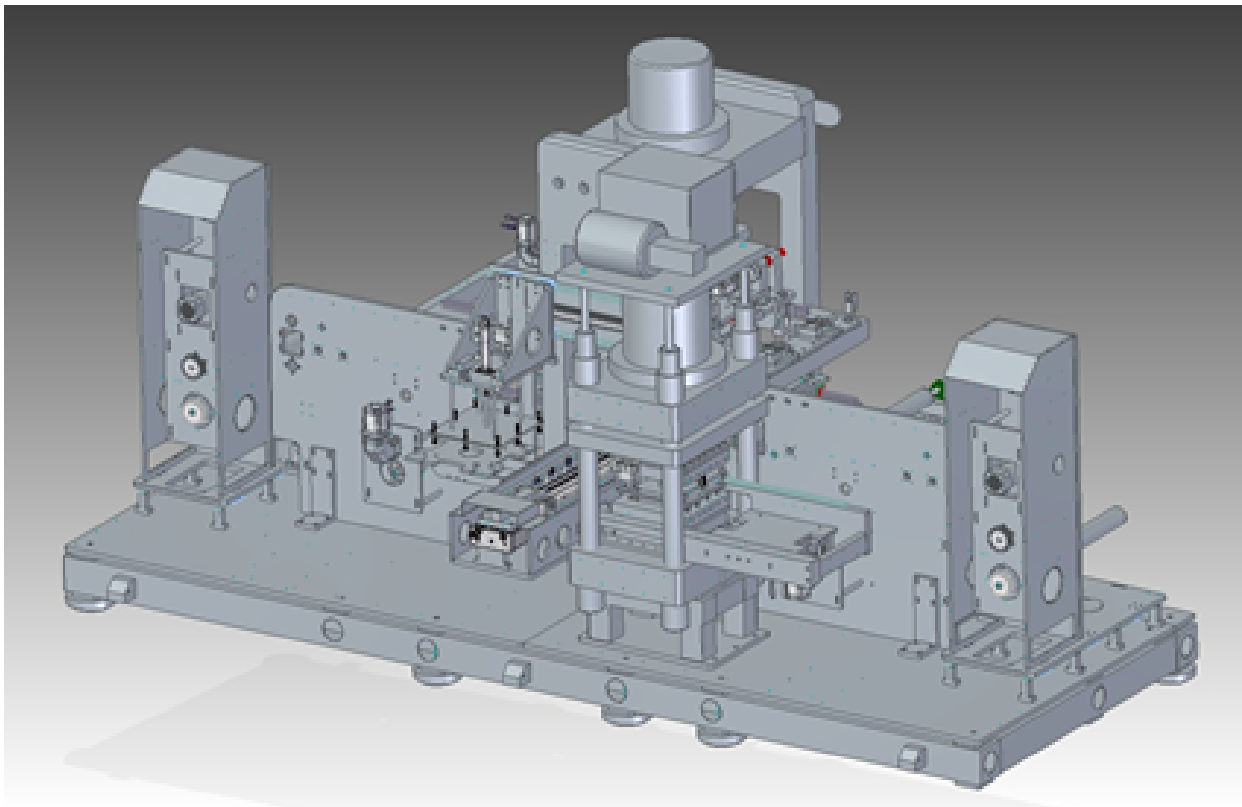
Applicable Film Thickness : 1um~10um.

Stacking Total Layers : 1,000 layers.

Tack time : 6 sec

Accuracy of CCD : +/- 10um.

Die Press Force (Stacking) : 90 tons ( Max )



# THE CORE MECHANISM



## STACKING SYSTEM

- 9 Pins of die press module to make sure stacking force evenly distributed.
- X-Y-Thida CCD visual compensating system for the best accuracy of every measurement.
- Zero backlash screw System to remove subtle variations.
- 4 set cutting wheel design to ensure neatly cut for each product.
- 90 Tons Max die press force easy to process low-adhesion film.

## DELAMINATION SYSTEM

- Linear motor delaminate system, provide a speedier and higher precision positioning.
- Digitalization and parameterization design, educe manual operating frequency.
- Constant temperature hydraulic stripping system design, to prevent temperature deformation of film.
- Low-tension transport mechanism system( 1.5 kgf~2.5kgf ), reduce deformation twinning defect cost.

## CCD CAMERA POSITIONING & COMPENSATION SYSTEM

- +3 high-resolution lens plus 10 million pixel definition image.
- Flexible programming system, wide user settable option for accept or reject terms.
- High-performance light source, 2 years sustainable use available, more economize and budget-friendly.
- Resolution : 1um
- Positioning precision : +/- 10um.