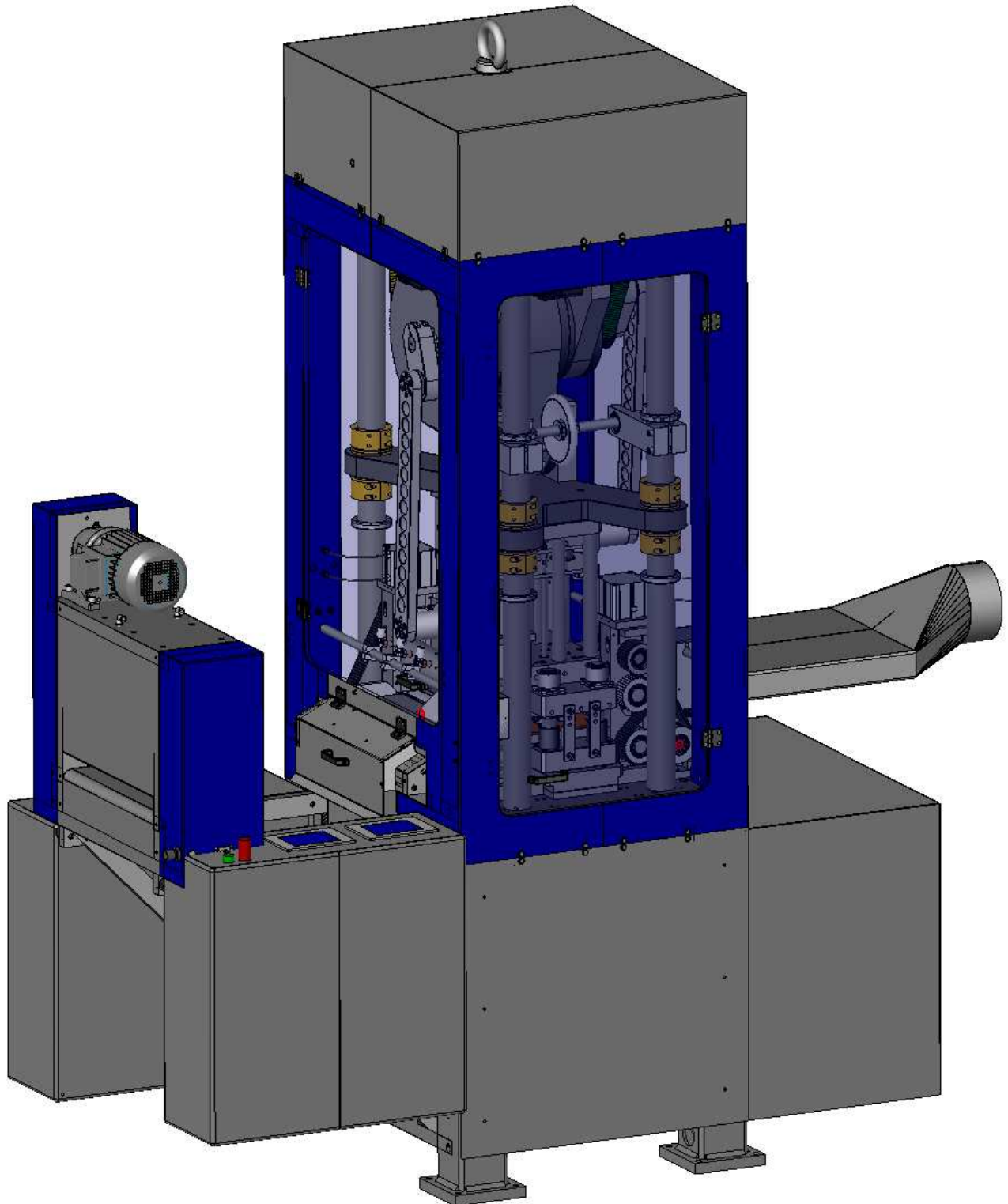
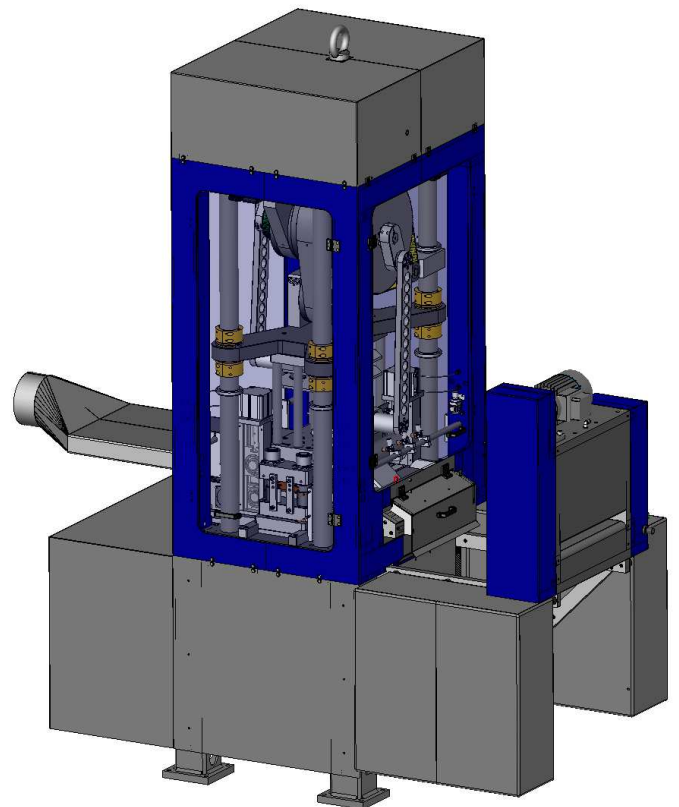
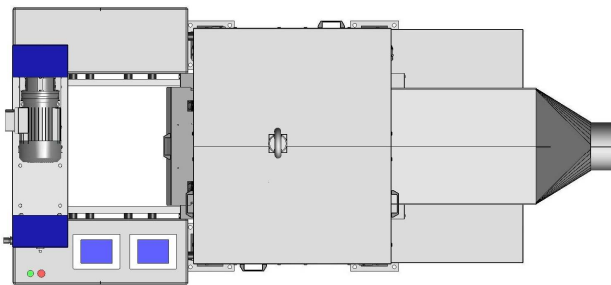
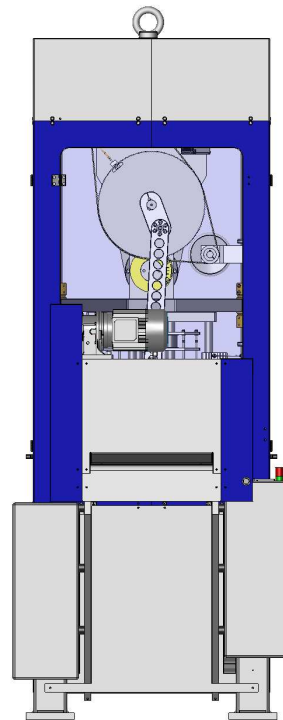
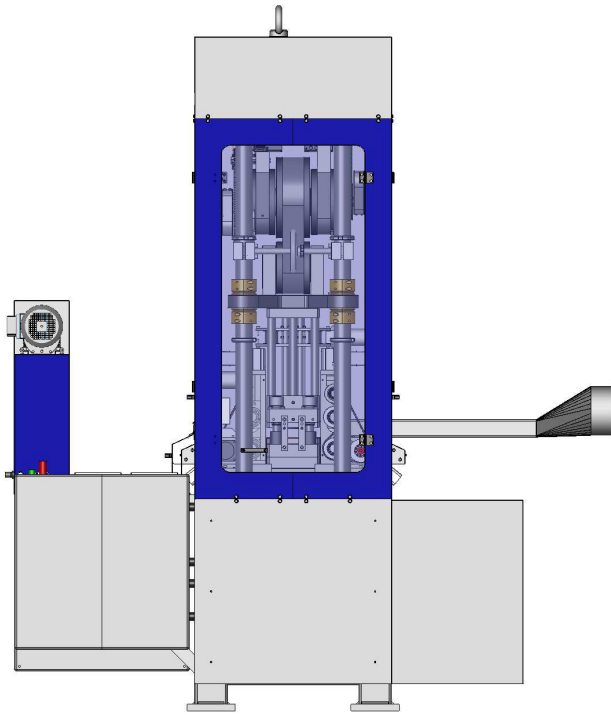


CPM530 PRECISION STAMPING MACHINE FOR COTTON PADS



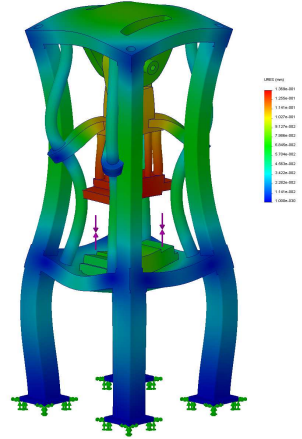
CPM530 PRECISION STAMPING MACHINE FOR COTTON PADS



CPM530 PRECISION STAMPING MACHINE FOR COTTON PADS

TECHNICAL DETAILS:

Stamp speed:	Up to 300 Stamps / Minute
Material width:	250 mm to 530mm
Material speed:	10 to 60 meters / minute
Stamp capacity:	320 kN / 32 Tons
Service factor (at 32t):	4.1
Tooling stroke:	40 mm
Pad ejection system:	Mechanically driven
Ejector stroke (short):	67 mm
Ejector stroke (long):	200 mm
Ejector stroke (time delay):	0.5 seconds when long stroke is initiated
	2 servo drives independently adjustable for speed and material tensioning.
Material feed:	
Feed roller distance:	Distance of feed roller to die area is adjustable to optimize feeding characteristics for different fleece materials
Production setup:	Online, directly from a fleece production or offline from rolls or bales
Tooling:	
Round 57mm:	max.16-up up to 4800 Pads/min
* amplified version	* max.24-up up to 7200 Pads/min
Square 75mm x 75mm:	max 10-up up to 3000 Pads/min
Rectangle 90mm x 110mm:	max 8-fach up to 2400 Pads/min
Oval 90mm x 70mm:	max 10-fach up to 3000 Pad/min
Logo-Embossing:	Company Logo can be embossed centric on every pad
Edge-Embossing:	Adjustable edge embossing simply by adjusting the width though the operator interface
Servicing of tooling:	Tooling requires only surface grinding when sharpened.
DIMENSIONS:	
Lenght:	* 1730 mm * without recycle vacuum plenum
Witdh:	1080 mm
Height:	3100 mm
Tooling height:	755 mm
Weight:	4900 kg
Construction:	Heavy duty construction, accessible from all 4 sides.
PLC:	Siemens S7-300
Performance Level (PL):	'E' (according to EN ISO 13849-1)
Packaging:	Can be combined with an automated Packaging Machine HEFTEC BVM50 or other make and models.



CPM530 PRECISION STAMPING MACHINE FOR COTTON PADS

ADVANTAGES OF THE CPM530:

- Faster product transition. The CPM530 does not need to be stopped when pads are transitioned from stamp to packaging machine. This increases productivity and it enables the CPM500 to be coupled directly to an on line cotton web production.
- Our tooling will bond your product evenly around the edge. This will securely hold layers together without creating a sharp edge. If the material allows it, the bond can be deselected through an operator by simply switching it on or off.
- As an option, the product can be embossed with a logo centered on the pad.
- The way the tooling is designed, it will not create additional excessive forces that can lead to early bearing failure in the crank assembly of the stamping machine.
- We simplified the task of servicing the tooling. Circular grinding and maintaining identical heights of die-cups is no longer necessary. Inexpensive surface grinding is all that our tooling requires when re-sharpening is needed.
- As an option, the machine can be equipped with a pressure supervising system that will indicate appropriate timing for tool servicing.
- The servo driven feed rollers paired with the ability to change the distance of the feed roll units in relation to the stamping area, guarantees an optimized material handling. This enables the machine to reach higher than commonly expected production speeds.
- The servo driven feed roller as well as the geometry of the stamping machine will create truly round products without distorting the disc into a slight oval shape.
- The material is easily fed through the stamping machine by the push of a button. Or if preferred, the feed rollers open with a clearance of 40mm (1.57") to allow easy access.
- Rugged construction yet easily accessible from all 4 sides. The calculated service factor of the stamping machine at a capacity of 32 tons is 4.1. This exceeds industry standards, guaranteeing a long and worry free operation of the machine.
- When paired with an automated packaging machine, only a single magazine is required to transfer the pads from stamp to the packaging equipment. This reduces cost of capital investment as well as cost and time associated with format changeovers.
- The Programming of the CPM530 can easily be adapted for example in an online production setup to become the central control unit for any upstream equipment, controlling line speeds and/or product weight etc.

