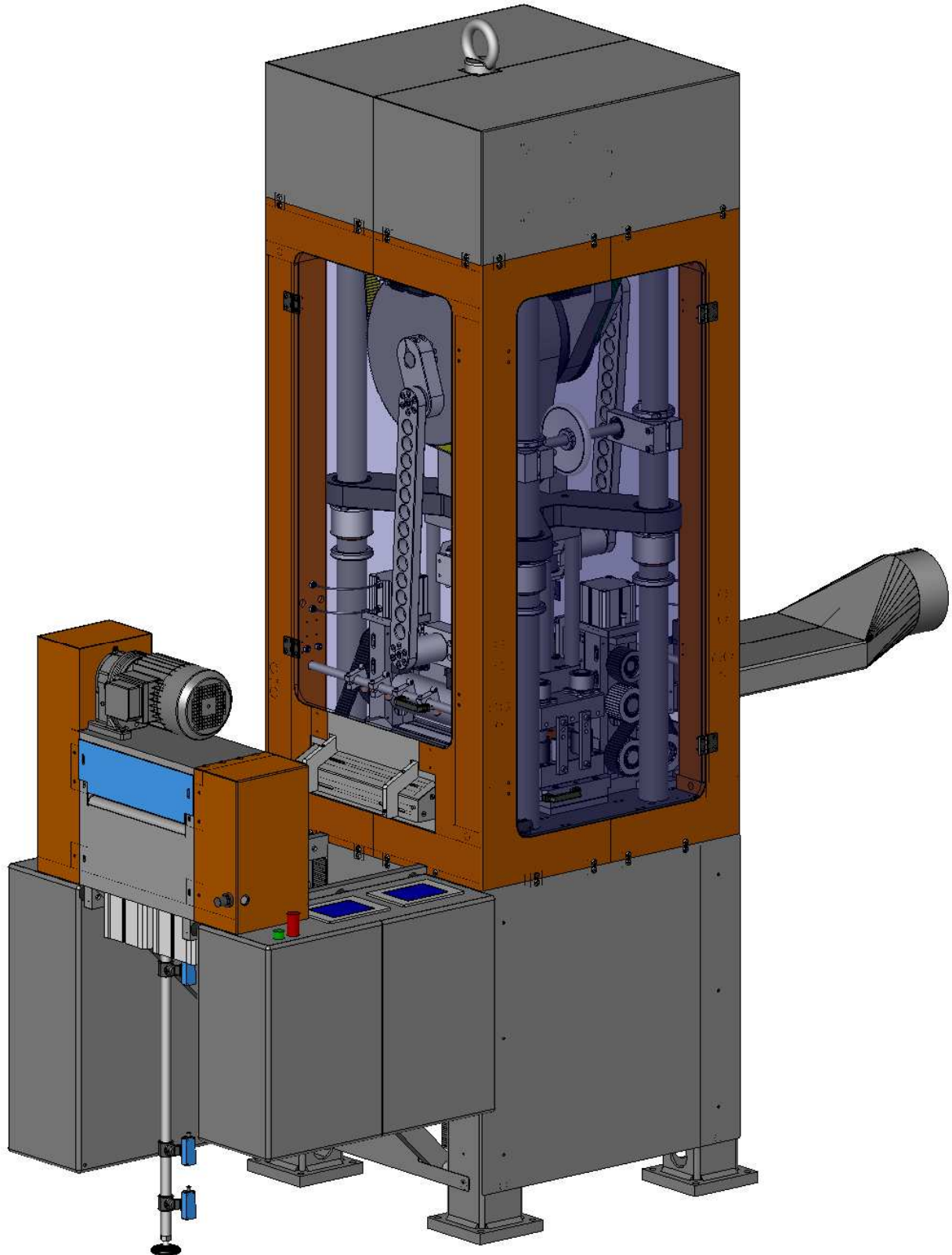
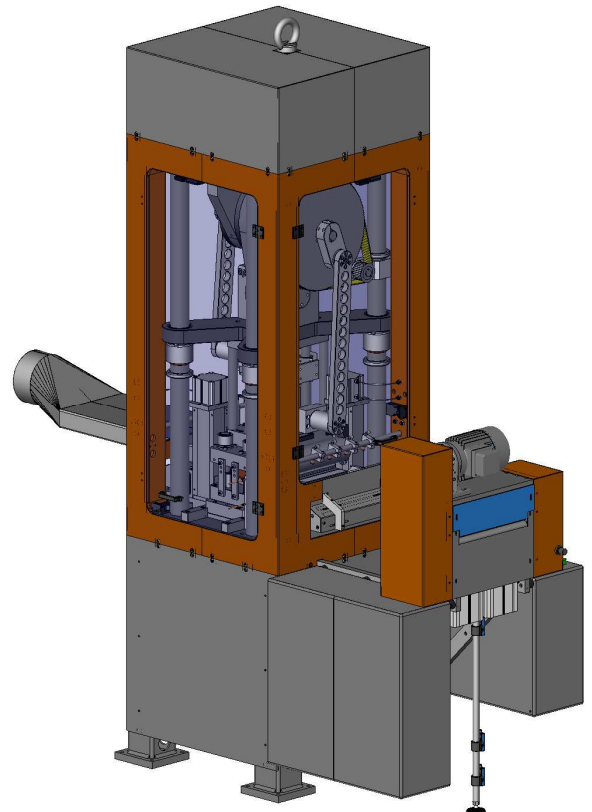
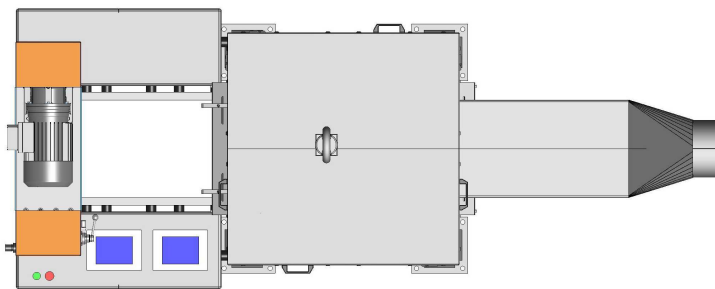
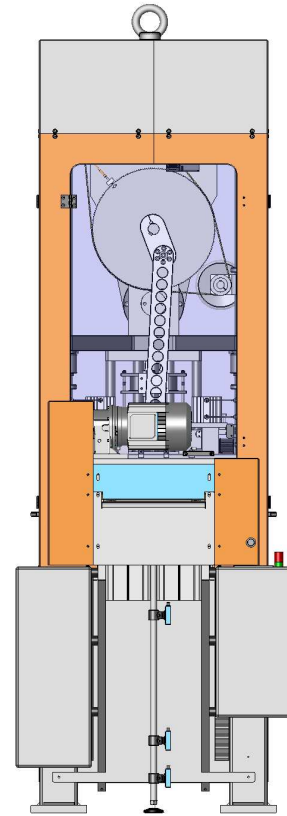
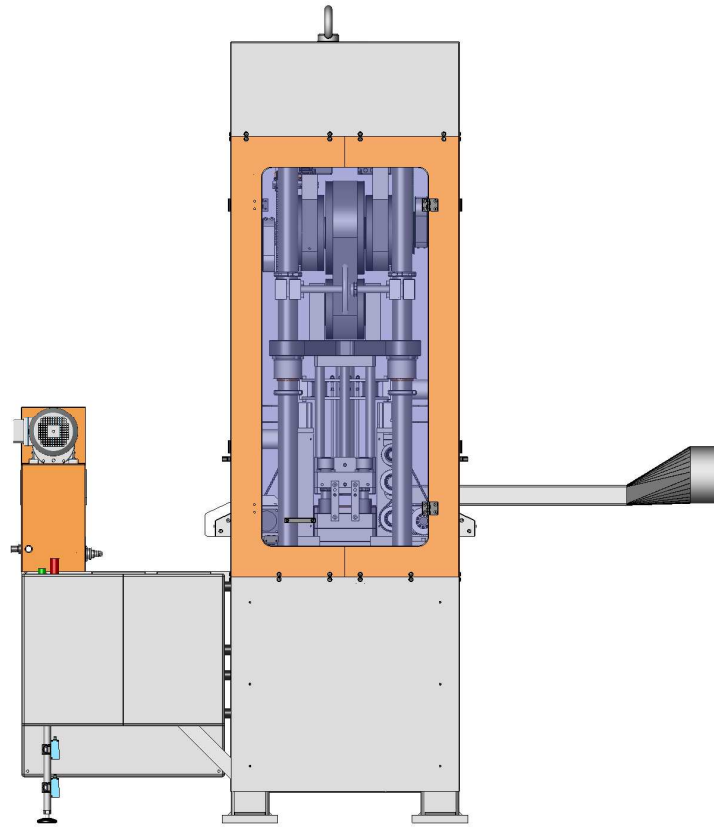


## CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS



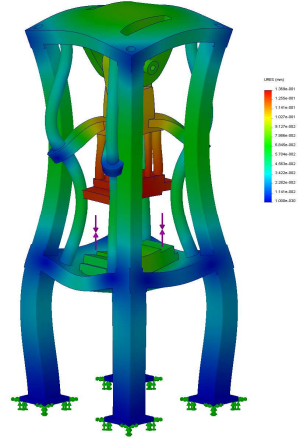
CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS



## CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS

### TECHNICAL DETAILS:

Stamp speed:	Up to 300 Stamps / Minute		
Material width:	150 mm to 375mm		
Material speed:	10 to 60 meters / minute		
Stamp capacity:	250 kN / 25 Tons		
Service factor (at 25t):	5.25		
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:	Distance of feed roller to die area is adjustable to optimize feeding characteristics for different fleece materials		
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.18-up	Recycle 34.4%	up to 5400 Pads/min
Square 75mm x 75mm:	max 8-up	Recycle 19.3%	up to 2400 Pads/min
Rectangle 90mm x 110mm:	max 6-fach	Recycle 16.3%	up to 1800 Pads/min
Oval 90mm x 70mm:	max 8-fach	Recycle 33.6%	up to 2400 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	
Withh:	910 mm		
Height:	3100 mm		
Toolling height:	755 mm		
Weight:	4300 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 BVM40 or other make and models.		



## CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS

### PERFORMANCE ROUND 57mm

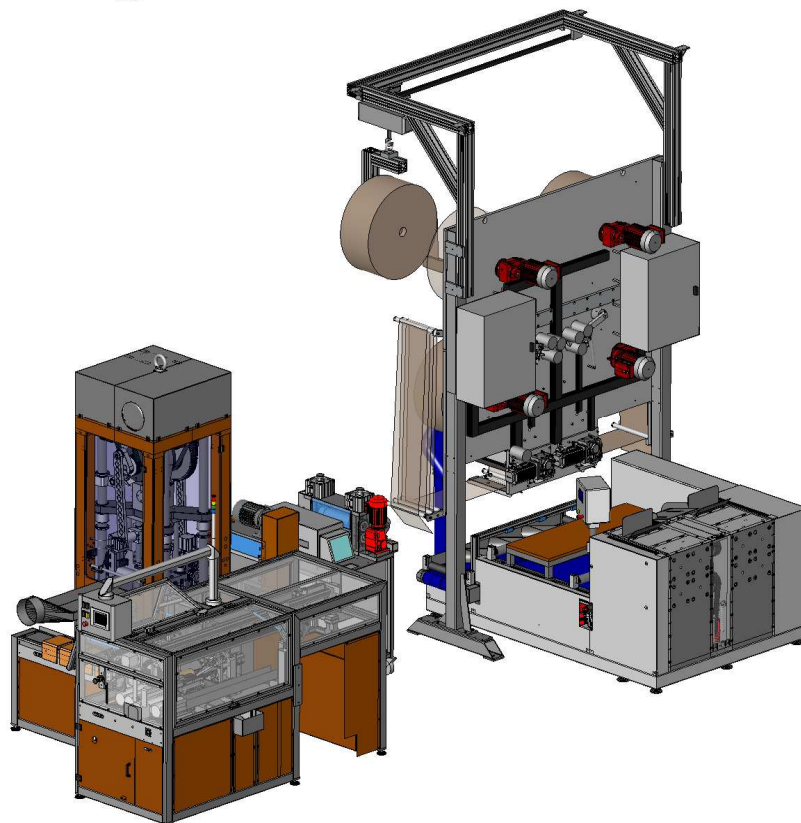
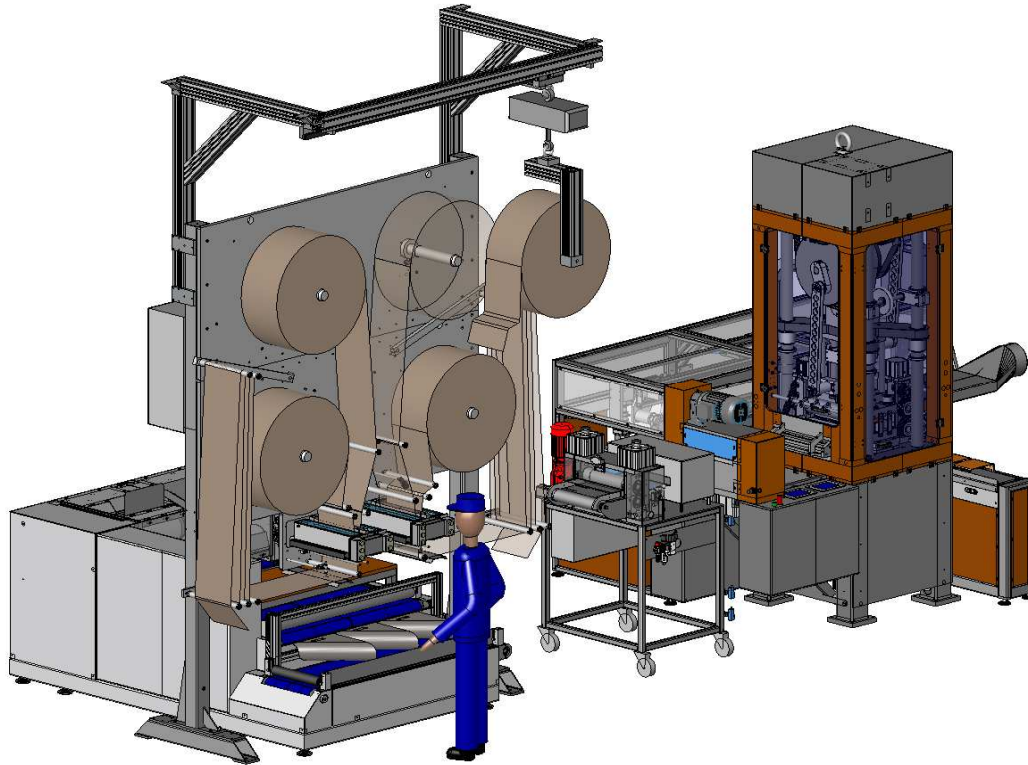
Format	Count per Bag	Material Width (mm)	Material advance (mm)	Recycle (%)	CPM375 Bags / Minute	Material speed (m/min)
<b>ROUND 57mm 10-up die</b>						
D 57x - Pad 30	30	305	129.0	35.1%	48.0	19.2
D 57x - Pad 40	40	305	129.0	35.1%	48.0	25.4
D 57x - Pad 50	50	305	129.0	35.1%	48.0	31.6
D 57x - Pad 60	60	305	129.0	35.1%	46.2	37.8
D 57x - Pad 70	70	305	129.0	35.1%	41.4	37.9
D 57x - Pad 80	80	305	129.0	35.1%	36.4	38.0
D 57x - Pad 100	100	305	129.0	35.1%	29.3	38.1
D 57x - Pad 120	120	305	129.0	35.1%	24.5	38.2
<b>ROUND 57mm 15-up die</b>						
D 57x - Pad 30	30	305	195.0	35.6%	72.0	29.0
D 57x - Pad 40	40	305	195.0	35.6%	72.0	38.4
D 57x - Pad 50	50	305	195.0	35.6%	72.0	47.7
D 57x - Pad 60	60	305	195.0	35.6%	72.0	57.1
D 57x - Pad 70	70	305	195.0	35.6%	62.1	57.3
D 57x - Pad 80	80	305	195.0	35.6%	54.5	57.4
D 57x - Pad 100	100	305	195.0	35.6%	43.9	57.6
D 57x - Pad 120	120	305	195.0	35.6%	36.7	57.8
<b>ROUND 57mm 18-up</b>						
D 57x - Pad 30	30	362	195.0	34.4%	86.4	29.0
D 57x - Pad 40	40	362	195.0	34.4%	86.4	38.4
D 57x - Pad 50	50	362	195.0	34.4%	86.4	47.7
D 57x - Pad 60	60	362	195.0	34.4%	86.4	57.1
D 57x - Pad 70	70	362	195.0	34.4%	74.0	57.3
D 57x - Pad 80	80	362	195.0	34.4%	65.5	57.4
D 57x - Pad 100	100	362	195.0	34.4%	52.7	57.6
D 57x - Pad 120	120	362	195.0	34.4%	44.1	57.8

NOTE: The Performance calculation for „bags/minute“ assumes that the stamping machine is paired with an appropriately sized packaging machine.

A calculated material speed up to 57 m/min requires fleece material with adequate tensile strength. Please consult with us about any questions you may have.

## CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS

### MATERIAL FEEDING SYSTEM WITH STAMPING AND AUTOMATIC PACKAGING



## CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS

### ADVANTAGES OF THE CPM375:

- Faster product transition. The CPM375 does not need to be stopped when pads are transitioned from stamp to packaging machine. This increases productivity and it enables the CPM375 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 25 tons is 5.25. 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 CPM375 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.



CPM375 PRECISION STAMPING MACHINE FOR COTTON PADS

