meevo
Machinery Engineering

Event SEAS

WHITE PAPER

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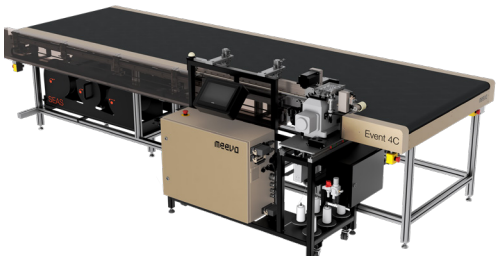
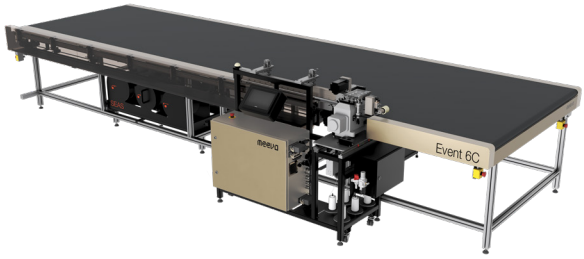
Automatic SEG Keder sewing machines that don't need a sewing specialist

PATENT GRANTED



Event SEAS 4C+



Event SEAS 6C

- **Available Event SEAS models:**
  - **Event SEAS 4C:** Conveyor belt 1,2x4m, without top features.
  - **Event SEAS 4C+**: Conveyor belt 1,2x4m, with top features.
  - **Event SEAS 6C:** Conveyor belt 1,6x5,7m, with top features.

- **Top features**

Included only on Event SEAS 4C+ and Event SEAS 6C models.

Flat keder insertion detection sensor	Remote control
Flat keder meter counting	Multi-Reel Drawer
Thread break detection sensor	Extension Table integration
Thread meter counting sensor	Industry 4.0 Ready

- The Patented Clamp&Go system allows anyone to achieve professional results in sewing without being a specialist – Universal User.

- Professional solution for different functions:
  - Sew flat keder of various size types.
  - Sew matchable printed panels with picture-perfect precision.
  - Sew technical textiles with perfect accuracy.
  - Sew special fabrics like pillowcase fabric graphics for aluminium tube structures.

SEG Fabric and Frames

Crowd Surfers

TV & Theatre Sets

Pillowcase for aluminium tube structures
Except round corners

- Continuous mode for large production volumes.
  - Production cycles with simultaneous loading and sewing.
  - Continuous sewing of panels of the same or different formats.
  - Control of the machine by movement of the leg, freeing the hands for placement of the panels.

- Overlock instead of the traditional lockstitch. It has significant advantages:
  - 1st – Reinforced and safer stitching.
  - 2nd – Prevents the fabric from fraying.
  - 3rd – Higher sewing speed.
  - 4th – Uninterrupted sewing for 10000m of line, compared to 100m of line for other types of sewing.

- Automatic suction of the threads and residues resulting from the sewing process.

- Parameterization of the flat keder seam distance in the corners.
  - Allows constant accuracy and ensures perfect corners when applied to the frame.

- Full use of the flat keder without any waste.

- The optional 4.0 functionality makes it easier to collect production data and increase efficiency.

- Equipped with advanced sensors, the Event SEAS is capable of automatically detecting when there is a shortage of flat keder or thread during the sewing process. If the detectors sense a material supply failure, the machine automatically stops to prevent non-conformities. When the machine stops, the operator can feed again the material for sewing in perfect conditions, ensuring no panel is wasted.

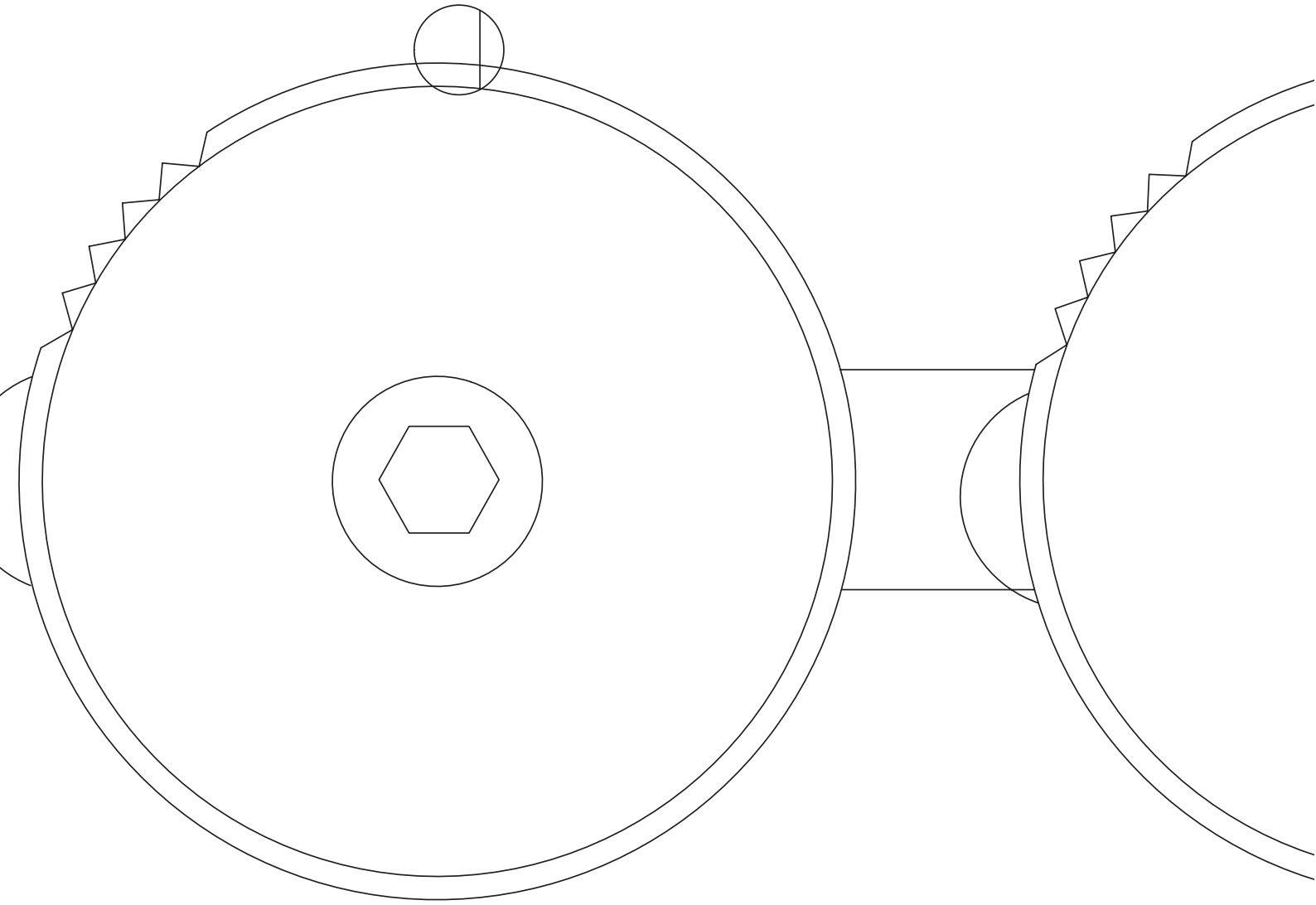
- Allows integration with one or two Extension Tables, increasing the length of the conveyor. Extension Tables available sizes:
  - Extension Table with 2 meters
  - Extension Table with 3 meters

Representative image of
3-meter Extension Table.

· **Event SEAS 4C+ efficiency analysis (in meters)**

The test run with an Event SEAS 4C+ with the support of two Extension Tables with 3 meters each.

Panel size		Production data				Mode	Operators
m	m²	Min/panel	Panel/h	m/h	M²/h		
0,75x1,50	1,125	1,422	42	189,92	47,47	Continuous	1
1,00x1,80	1,800	1,985	30	169,27	54,41	Continuous	1
1,50x5,00	7,500	5,450	11	143,12	82,57	Single	1
3,20x6,10	19,520	6,230	10	179,04	162,22	Single	2
3,20x11,40	36,480	11,450	5	153,01	191,16	Single	2



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