

# Delta & Delta max™ T

## Roll-bag Converting

For high speed production of T-shirt bags,  
wave-top bags and other kinds of bags on roll.

- 1, 2 or 3 lanes
- In-line or out-of-line
- With PE, bio or recycled film



T-shirt bags



# Delta & Delta max™ T

## Roll-bag Converting

For production of T-shirt bags on roll in 1, 2 or 3 lanes. The configuration includes a Delta sealing module, a punching module for cutting out the handles of the T-shirt bag and an extraction module for removal of the cut-out waste. The flexible dies in the punching module are fixed to a magnetic roller and can be changed to another cutting pattern within a few seconds.

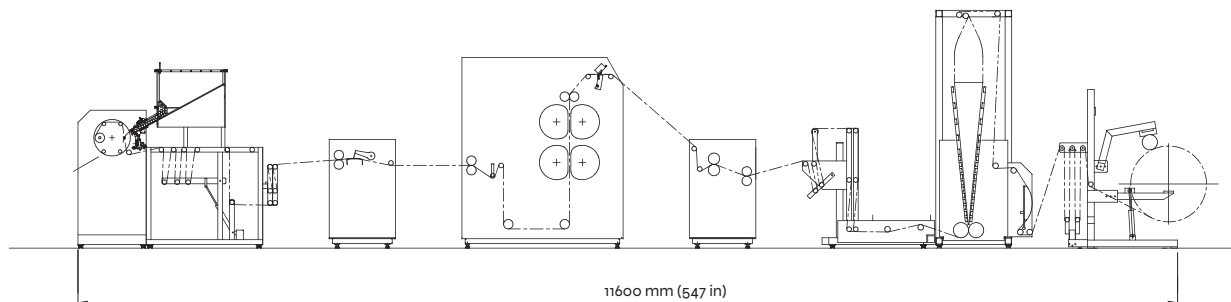
A patented concept makes it possible for the shaped cut-out to be done before perforation and sealing. This ensures that cutting is done in a zone with precise tension control, giving a clean cut and accurate positioning of the cut-out, minimizing skirt variation. The Delta T can be adapted for production of other kinds of bags with additional modules of the Delta program. This gives you great flexibility to adjust to the changing market demands. All bag types can be produced perforated or interleaved.

### Technical data for Delta & Delta max™ T

	Delta 900 T	Delta 1100 T	Delta max™ 900 T	Delta max™ 1100 T
Min. film thickness	5 µm	5 µm	5 µm	5 µm
Max. speed*	160 m/min (530 ft/min)	160 m/min (530 ft/min)	160 m/min (530 ft/min)	160 m/min (530 ft/min)
Max. cycles/min/lane	300 (900 bags)	300 (900 bags)	275 (825 bags)	275 (825 bags)
Min. bag length simplex	500 mm (19.6 in)	500 mm (19.6 in)	650 mm (25.5 in)	650 mm (25.5 in)
Min. bag length duplex	350 mm (13.8 in)	350 mm (13.8 in)	450 mm (17.7 in)	450 mm (17.7 in)
Max. bag length	10,000 mm (393.7 in)	10,000 mm (393.7 in)	10,000 mm (393.7 in)	10,000 mm (393.7 in)
Max. sealing width 1 lane	900 mm (35.4 in)	1100 mm (43.3 in)	900 mm (35.4 in)	1100 mm (43.3 in)
Max. sealing width 2 lanes	2 x 440 mm (17.3 in)	2 x 540 mm (21.2 in)	2 x 440 mm (17.3 in)	2 x 540 mm (21.2 in)
Max. sealing width 3 lanes	N.A.	3 x 340 mm (13.4 in)	N.A.	3 x 340 mm (13.4 in)

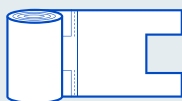
\*) Depending on film quality and thickness

Additional equipment: print registration, all kinds of folding equipment (before and after sealing), cores, hot-melt, twist-tie, PP-string, paper tape.



Delta T Duplex

#### Types of bags

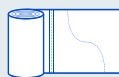


T-shirt

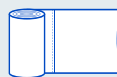


T-shirt  
interleaved

#### You can also produce



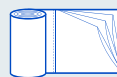
Wave-top



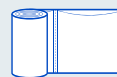
Bottom sealed



Gusseted



Star sealed



Side sealed



Wave-top  
interleaved



Bottom sealed  
interleaved



Gusseted  
interleaved



Star sealed  
interleaved



Side sealed  
interleaved

Watch video of  
Delta T

