

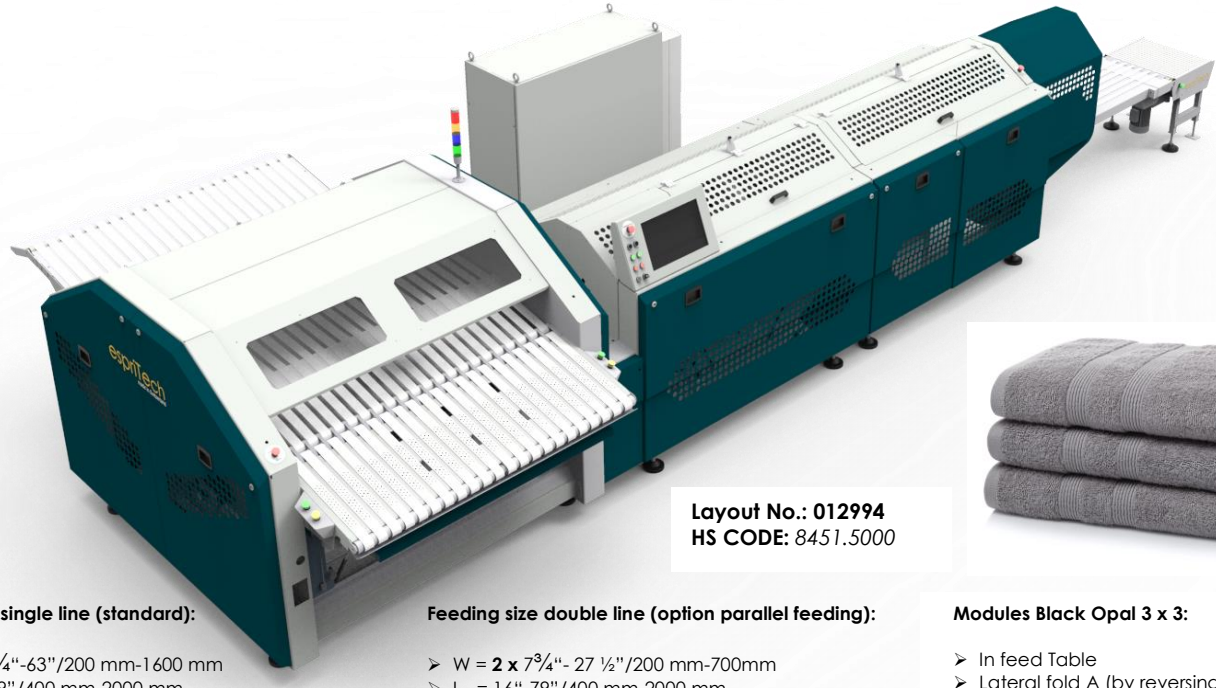
# Towel Folder, Edition 2017

## Type **Black Opal** Standard

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# espriTech

The **Black Opal** folding machine is for the folding and stacking of towels and other flat products, - woven, non-woven, non-elastic flat pieces.  
 This installation is a stand-alone unit. The folding machine is able to work up various material types including terry, cotton, sateen, mixture fabric, polyester/cotton and flannel.  
 The feeding edges of the pieces are shown as outside or as hidden inside fold.



Layout No.: 012994  
 HS CODE: 8451.5000

### Feeding size single line (standard):

- W = 1 x 7<sup>3</sup>/<sub>4</sub>"-63"/200 mm-1600 mm
- L = 16"-79"/400 mm-2000 mm  
 (Additional sizes on request)

### Production single line:

- One operator for manual feeding
- Up to **1050 pieces/h**

### Feeding size double line (option parallel feeding):

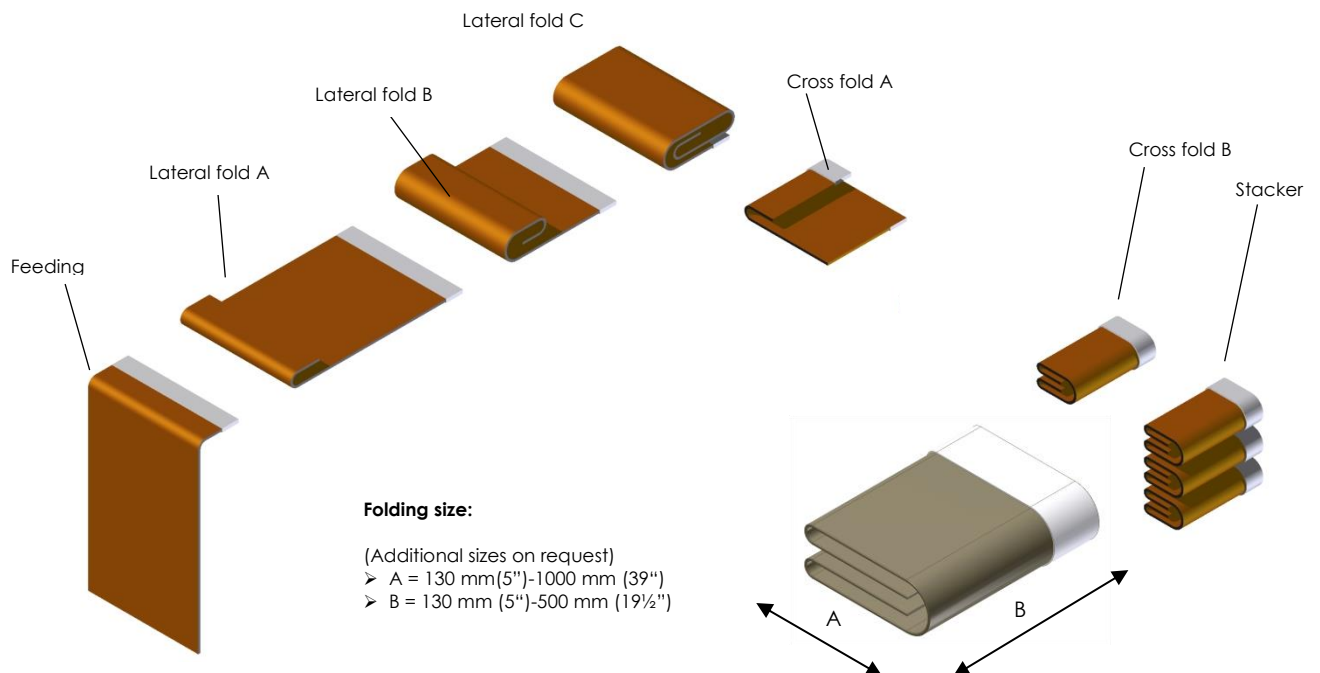
- W = 2 x 7<sup>3</sup>/<sub>4</sub>"- 27 1/2"/200 mm-700mm
- L = 16"-79"/400 mm-2000 mm  
 (Additional sizes on request)

### Production (option parallel feeding):

- Two operators for manual feeding
- Up to **30 pieces/min** (optional)

### Modules Black Opal 3 x 3:

- In feed Table
- Lateral fold A (by reversing & air blast)
- Lateral fold B (by reversing & air blast)
- Lateral fold C (by reversing & air blast)
- 90° Transport
- Cross fold A (by reversing & air blast)

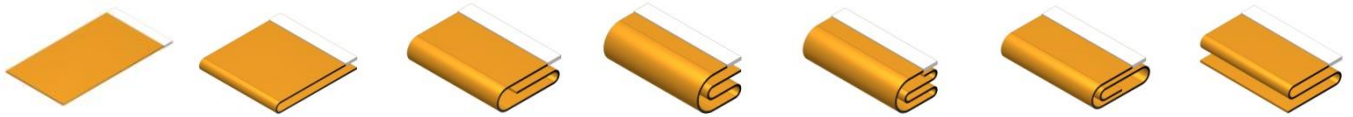


**Folding pattern:**

- 84 Folding types
- Top fold (visible boarder)
- Inside fold (hidden boarder)

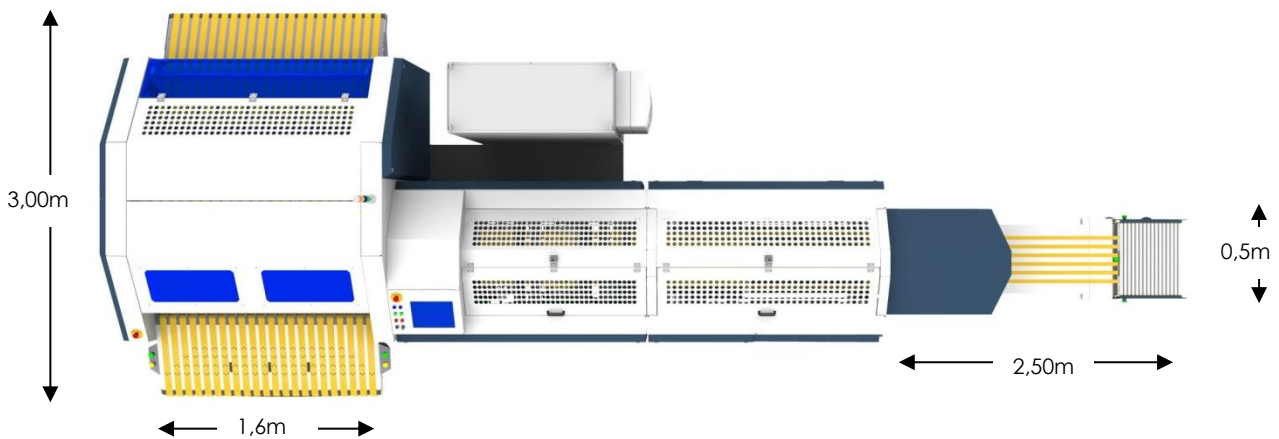
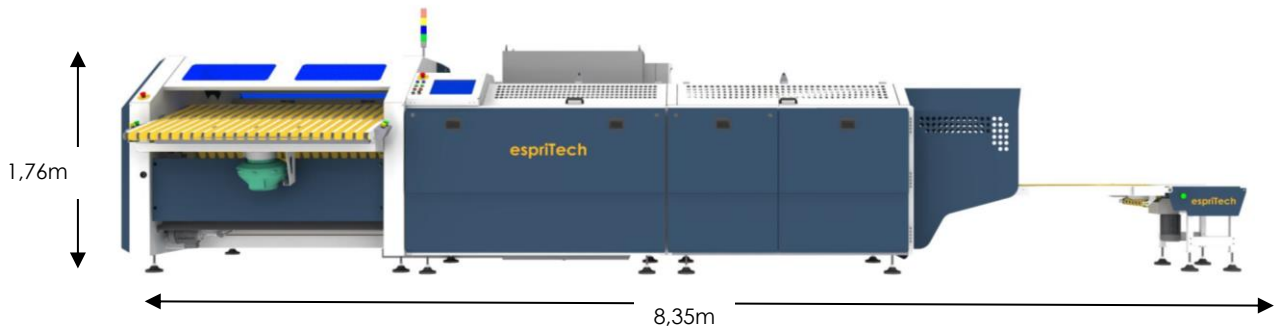
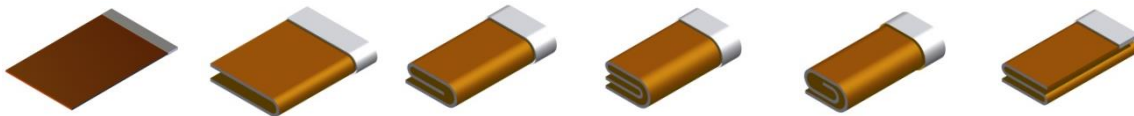
**Folding pattern lateral fold section:**

- Bypass
- Half fold
- 3rd fold
- 4rd fold
- Fix dimension 1
- Fix dimension 2
- S-fold



**Folding pattern cross fold section:**

- Bypass
- Half fold
- 3rd fold
- 4rd fold
- Fix dimension 1
- S- fold



**Business contact:**

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**Technical data:**

- 230/400 V 50/60 Hz, 3 phases/N/PE, approx. 10 kW
- Compressed air 6 Bar/87 psi
- 240 l/min air consumption

**Control system:**

- Beckhoff TwinCAT, PC-Windows
- 15" Touchscreen
- 40'000 program spaces
- Remote access (Internet)

**Options**

- Cooling System on request
- Semi automatic feeding assistance on request
- Parallel feeding increasing the production up to 18
- Different machine models of Black Opal on request: 3 x 3, 3 x 2, 3 x 1, 3 x 0, 2 x 3, 2 x 2, 2 x 1, 2 x 0

**Optional Parallel feeding**

