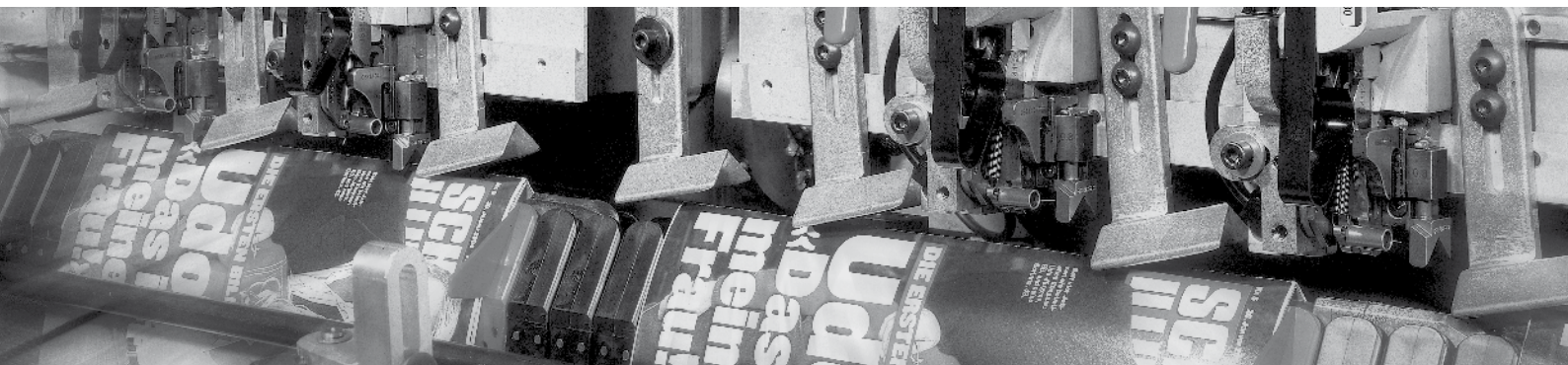


# Supra Saddle Stitcher

## Specifications

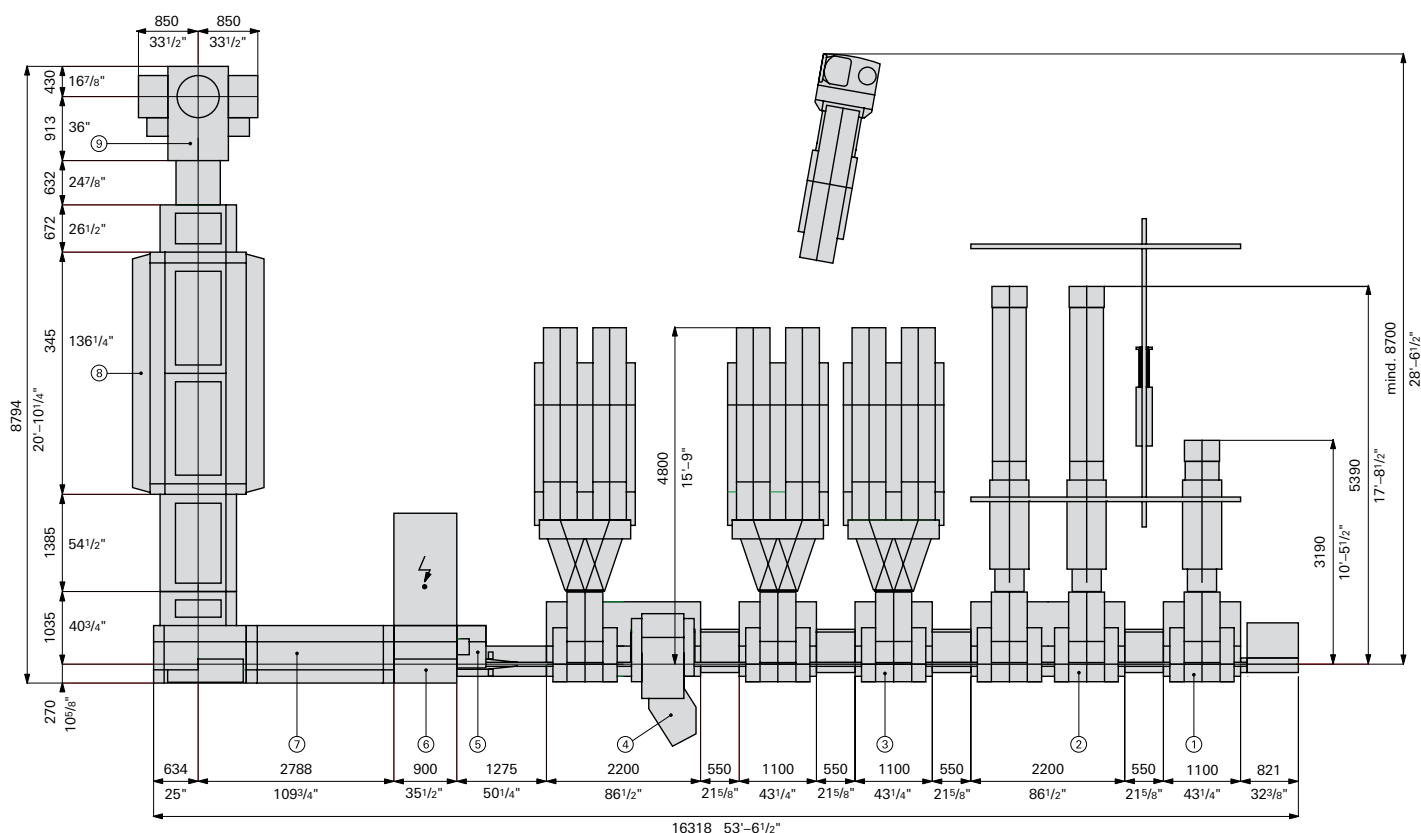


|                                       |                                                                      |                                          |                                                                                       |                                           |
|---------------------------------------|----------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Mechanical output</b>              | with loading mode 1:1                                                | maximum 25,000 cycles/hr                 |                                                                                       |                                           |
|                                       | with loading mode 1:2                                                | maximum 30,000 cycles/hr                 |                                                                                       |                                           |
| <b>Chain pitch</b>                    | 15" Spine length A maximum 340 mm (13 <sup>3</sup> / <sub>8</sub> ") |                                          |                                                                                       |                                           |
| <b>Number of stations</b>             | maximum 30 feeders                                                   |                                          |                                                                                       |                                           |
| <b>Model 416 Feeder product sizes</b> |                                                                      | <b>A</b>                                 | <b>B</b>                                                                              |                                           |
|                                       | with high folio lap                                                  | maximum                                  | 340 mm (13 <sup>3</sup> / <sub>8</sub> ")                                             | 260 mm (10 <sup>1</sup> / <sub>4</sub> ") |
|                                       |                                                                      | minimum                                  | 90 mm (3 <sup>1</sup> / <sub>2</sub> ")                                               | 115 mm (4 <sup>1</sup> / <sub>2</sub> ")  |
|                                       | with low folio lap                                                   | maximum                                  | 340 mm (13 <sup>3</sup> / <sub>8</sub> ")                                             | 260 mm (10 <sup>1</sup> / <sub>4</sub> ") |
|                                       |                                                                      | minimum                                  | 90 mm (3 <sup>1</sup> / <sub>2</sub> ")                                               | 120 mm (4 <sup>3</sup> / <sub>4</sub> ")  |
|                                       | without lap<br>(vacuum opening)                                      | maximum                                  | 340 mm (13 <sup>3</sup> / <sub>8</sub> ")                                             | 250 mm (9 <sup>7</sup> / <sub>8</sub> ")  |
|                                       |                                                                      | minimum                                  | 90 mm (3 <sup>1</sup> / <sub>2</sub> ")                                               | 115 mm (4 <sup>1</sup> / <sub>2</sub> ")  |
|                                       | Overlap                                                              | maximum                                  | 15 mm ( <sup>9</sup> / <sub>16</sub> ")                                               |                                           |
|                                       | High folio                                                           | minimum                                  | 6 mm ( <sup>1</sup> / <sub>4</sub> ")                                                 |                                           |
|                                       | Low folio                                                            | minimum                                  | 8 mm ( <sup>5</sup> / <sub>16</sub> ")                                                |                                           |
| <b>Type of loading</b>                | Stream feeder                                                        | minimum                                  | 140 mm (5 <sup>1</sup> / <sub>2</sub> ")                                              | 100 mm (4")                               |
|                                       | PrintRoll                                                            | minimum                                  | 200 mm (7 <sup>7</sup> / <sub>8</sub> ")                                              | 145 mm (5 <sup>3</sup> / <sub>4</sub> ")  |
| <b>Signature size, stitching</b>      |                                                                      | maximum                                  | 340 mm (13 <sup>3</sup> / <sub>8</sub> ")                                             | 260 mm (10 <sup>1</sup> / <sub>4</sub> ") |
|                                       |                                                                      | minimum                                  | 210 mm (8 <sup>1</sup> / <sub>4</sub> ")                                              | 155 mm (6 <sup>1</sup> / <sub>8</sub> ")  |
| <b>Stitching thickness</b>            | HK 75 VS                                                             | maximum                                  | 4 mm ( <sup>5</sup> / <sub>32</sub> ")                                                |                                           |
|                                       | HK 85 VS                                                             | maximum                                  | 6 mm ( <sup>1</sup> / <sub>4</sub> ")                                                 |                                           |
| <b>Number of stitching heads</b>      | HK 75 VS                                                             | maximum                                  | 4 per stitcher carriage                                                               |                                           |
|                                       | HK 85 VS                                                             | maximum                                  | 3 per stitcher carriage                                                               |                                           |
| <b>Model 426 crank</b>                | Product size trimmed                                                 | maximum                                  | 334 mm x 257 mm (13 <sup>1</sup> / <sub>8</sub> " x 10 <sup>1</sup> / <sub>8</sub> ") |                                           |
|                                       |                                                                      | minimum                                  | 194 mm x 145 mm (7 <sup>5</sup> / <sub>8</sub> " x 5 <sup>3</sup> / <sub>4</sub> ")   |                                           |
|                                       | Product size untrimmed                                               | maximum                                  | 340 mm x 260 mm (13 <sup>3</sup> / <sub>8</sub> " x 10 <sup>1</sup> / <sub>4</sub> ") |                                           |
|                                       |                                                                      | minimum                                  | 3 mm ( <sup>1</sup> / <sub>8</sub> ")                                                 |                                           |
|                                       | Head/foot trim                                                       | maximum                                  | 30 mm (1 <sup>3</sup> / <sub>16</sub> ")                                              |                                           |
|                                       |                                                                      | minimum                                  | 3 mm ( <sup>1</sup> / <sub>8</sub> ")                                                 |                                           |
| Face trim                             | maximum                                                              | 30 mm (1 <sup>3</sup> / <sub>16</sub> ") |                                                                                       |                                           |
|                                       | minimum                                                              | 3 mm ( <sup>1</sup> / <sub>8</sub> ")    |                                                                                       |                                           |

- 1 Flat pile feeder model 416 with stream feeder model 3738
- 2 Flat pile feeder model 416 with stream feeder model 3738 and extension
- 3 Flat pile feeder model 416 with PrintRoll double unwind
- 4 Sample gluer model 423

- 5 Thickness measuring device model 430
- 6 Control sonsole, model 429
- 7 Supra model 430 stitching unit
- 8 Crank trimmer model 426
- 9 Robusto model 451 compensating stacker

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| <b>Vacuum</b>                 | - 0.8 bar * 12 psi                                            |
| <b>Separating air</b>         | 1.5 bar * 22 psi                                              |
| <b>Compressed air</b>         | 6.0 bar * 90 psi * requirements depending on type of products |
| <b>Gathering chain height</b> | 700 mm (27 1/2")                                              |



Other product sizes on request  
 Dimensions, design and equipment configuration subject to change.

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