

|                                       |                 |
|---------------------------------------|-----------------|
| Family: PRODUCTION LINES              | Code:<br>004648 |
| SubFamily: Squaring/Edgebanding Lines |                 |
| Brand: BARGSTEDT + HOMAG              |                 |
| Model: TBH, KFL, PROFI TD, KFL, TDK,  |                 |



|                                      |                 |
|--------------------------------------|-----------------|
| Position: 1                          |                 |
| Family: AUTOMATION                   | Code:<br>004649 |
| SubFamily: Panel Feeding and Loading |                 |
| Brand: BARGSTEDT                     |                 |
| Model: TBH/500/D30/14                |                 |

Max. panel width 1400 mm

Max. panel length 3000 mm

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Max. panel stack height from the ground | 1600 mm                     |
| Lifting capacity                        | 50 Kg                       |
| Work capacity                           | 18 Cycles/min               |
| Movement system                         | suction cups                |
| Min. panel length                       | 280 mm                      |
| Max. panel length                       | 3000 mm                     |
| Min. panel width                        | 240 mm                      |
| Max. panel width                        | 1400 mm                     |
| Panel stack station                     | yes                         |
| no. stations                            | 2                           |
| station                                 | loading                     |
| Max. panel stack height                 | 1600 mm                     |
| Work capacity                           | 18 Cycles/min               |
| Lifting capacity                        | 50 Kg                       |
| Panel stack infeed                      | yes                         |
| Panel stack infeed                      | with motorised roller table |
| Movement system with frame              | yes                         |
| System                                  | suction cups                |
| Vacuum pump                             | yes                         |
| no. pumps                               | 1                           |
| Safety standard CE mark                 | yes                         |

|                                                                          |                 |
|--------------------------------------------------------------------------|-----------------|
| Position: 2                                                              |                 |
| Family: EDGEBANDING MACHINES                                             | Code:<br>004650 |
| SubFamily: Double Sided Edgebanders And Combination Edgebanding Machines |                 |
| Brand: HOMAG                                                             |                 |
| Model: KFL 525/7/A3/15                                                   |                 |

Type of edging

Thin edge Thick edge

|                                            |             |
|--------------------------------------------|-------------|
| Gluing System                              | EVA Hotmelt |
| Grooving Unit                              | yes         |
| Trimming Unit                              | yes         |
| Combination Squaring Edgebanding Machine   | First Pass  |
| Max Panel Width                            | 1500 mm     |
| Max feed speed                             | 40 m/min    |
| Operating Units Right Side                 | 10 nr       |
| Operating Units Left Side                  | 10 nr       |
| Min. panel height                          | 8 mm        |
| Max. panel height                          | 60 mm       |
| Min. panel width                           | 220 mm      |
| Max. panel width                           | 1500 mm     |
| Min. edge thickness                        | 0.4 mm      |
| Max. edge thickness                        | 3 mm        |
| Max. forward feed speed                    | 40 m/min    |
| Top pressure                               | yes         |
| Pressure with                              | rubber belt |
| Panel support guides                       | yes         |
| No. Panel Sizing / Milling units Left Side | 2           |

## NO. PANEL SIZING / MILLING UNITS LEFT SIDE 1

Unit : double chipper, top and bottom  
 motor power : 6.6 KW  
 r.p.m. : 5870 RPM

## NO. PANEL SIZING / MILLING UNITS LEFT SIDE 2

Unit : miller hogger  
 automatic timed intervention : yes  
 motor power : 6.6 KW  
 r.p.m. : 5870 RPM

|                                                 |     |
|-------------------------------------------------|-----|
| Same technical characteristics on the left side | yes |
| Edge coil magazine                              | yes |
| no. positions                                   | 2   |

|                                 |     |
|---------------------------------|-----|
| Gluing system                   | yes |
| glue pot for EVA hot melt glue  | yes |
| premelter for EVA hot melt glue | yes |
| Roller set to press the edge    | yes |
| no. pressure roller             | 5   |
| with positioning by NC          | yes |
| No. Edge Processing Units       | 7   |

NO. EDGE PROCESSING UNITS 1  
 Processing Unit : milling hogging  
 no. motors : 1  
 automatic timed intervention : yes  
 motor power : 6.6 KW  
 r.p.m. : 5870 RPM

NO. EDGE PROCESSING UNITS 2  
 Processing Unit : top and bottom rough trimming  
 no. motors : 2  
 motor power : 0.55 KW  
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 3  
 Processing Unit : fine trimming to trim and round  
 no. motors : 2  
 with positioning by NC : yes  
 motor power : 0.55 KW  
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 4  
 Processing Unit : milling hogging  
 no. motors : 1  
 automatic timed intervention : yes  
 motor power : 4.5 KW  
 r.p.m. : 11500 RPM

NO. EDGE PROCESSING UNITS 5  
Processing Unit : edge scraping  
with positioning by NC : yes

NO. EDGE PROCESSING UNITS 6  
Processing Unit : glue scraping

NO. EDGE PROCESSING UNITS 7  
Processing Unit : buffing  
no. motors : 2

|                            |               |
|----------------------------|---------------|
| Spray unit                 | yes           |
| Units fitted on overtables | yes           |
| Control system             | HOMATIC NC 21 |
| Safety standard CE mark    | yes           |

|                                 |                 |
|---------------------------------|-----------------|
| Position: 3                     |                 |
| Family: AUTOMATION              | Code:<br>004651 |
| SubFamily: Panel Turning Device |                 |
| Brand: BARGSTEDT                |                 |
| Model: PROFI TD 31/30/12        |                 |

|                          |                         |
|--------------------------|-------------------------|
| Max. panel width         | 1200 mm                 |
| Max. panel length        | 3000 mm                 |
| Rotation system          | double cone             |
| Rotation direction       | from long to transverse |
| Max. panel length        | 3000 mm                 |
| Max. panel width         | 1200 mm                 |
| Panel rotation direction | yes                     |
| direction:               | from long to transverse |
| and                      | with double cone        |

|                         |     |
|-------------------------|-----|
| Safety standard CE mark | yes |
|-------------------------|-----|

Position: 4

Family: EDGEBANDING MACHINES

Code:  
004652

SubFamily: Double Sided Edgebanders And Combination Edgebanding Machines

Brand: HOMAG

Model: KFL 526/9/A3/30

|                |                      |
|----------------|----------------------|
| Type of edging | Thin edge Thick edge |
|----------------|----------------------|

|               |             |
|---------------|-------------|
| Gluing System | EVA Hotmelt |
|---------------|-------------|

|                      |     |
|----------------------|-----|
| Corner Rounding Unit | yes |
|----------------------|-----|

|               |     |
|---------------|-----|
| Grooving Unit | yes |
|---------------|-----|

|               |     |
|---------------|-----|
| Trimming Unit | yes |
|---------------|-----|

|                                          |                       |
|------------------------------------------|-----------------------|
| Combination Squaring Edgebanding Machine | First and Second Pass |
|------------------------------------------|-----------------------|

|                 |         |
|-----------------|---------|
| Max Panel Width | 3000 mm |
|-----------------|---------|

|                |          |
|----------------|----------|
| Max feed speed | 40 m/min |
|----------------|----------|

|                            |       |
|----------------------------|-------|
| Operating Units Right Side | 10 nr |
|----------------------------|-------|

|                           |       |
|---------------------------|-------|
| Operating Units Left Side | 10 nr |
|---------------------------|-------|

|                   |      |
|-------------------|------|
| Min. panel height | 8 mm |
|-------------------|------|

|                   |       |
|-------------------|-------|
| Max. panel height | 60 mm |
|-------------------|-------|

|                  |        |
|------------------|--------|
| Min. panel width | 220 mm |
|------------------|--------|

|                  |         |
|------------------|---------|
| Max. panel width | 3000 mm |
|------------------|---------|

|                     |        |
|---------------------|--------|
| Min. edge thickness | 0.4 mm |
|---------------------|--------|

|                     |      |
|---------------------|------|
| Max. edge thickness | 3 mm |
|---------------------|------|

|                         |          |
|-------------------------|----------|
| Max. forward feed speed | 40 m/min |
|-------------------------|----------|

|                          |     |
|--------------------------|-----|
| Conveyor Track with dogs | yes |
|--------------------------|-----|

|                       |        |
|-----------------------|--------|
| Distance between dogs | 500 mm |
|-----------------------|--------|

|              |     |
|--------------|-----|
| Top pressure | yes |
|--------------|-----|

|                                            |             |
|--------------------------------------------|-------------|
| Pressure with                              | rubber belt |
| Panel support guides                       | yes         |
| with positioning by NC                     | yes         |
| No. Panel Sizing / Milling units Left Side | 3           |

## NO. PANEL SIZING / MILLING UNITS LEFT SIDE 1

Unit : miller hogger  
automatic timed intervention : yes  
motor power : 4.4 KW  
r.p.m. : 7080 RPM

## NO. PANEL SIZING / MILLING UNITS LEFT SIDE 2

Unit : double chipper, top and bottom  
motor power : 6.6 KW  
r.p.m. : 5870 RPM

## NO. PANEL SIZING / MILLING UNITS LEFT SIDE 3

Unit : miller hogger  
automatic timed intervention : yes  
motor power : 2.2 KW  
r.p.m. : 5700 RPM

|                                                 |     |
|-------------------------------------------------|-----|
| Same technical characteristics on the left side | yes |
| Edge coil magazine                              | yes |
| no. positions                                   | 2   |
| Gluing system                                   | yes |
| glue pot for EVA hot melt glue                  | yes |
| premelter for EVA hot melt glue                 | yes |
| Roller set to press the edge                    | yes |
| no. pressure roller                             | 5   |
| with positioning by NC                          | yes |
| No. Edge Processing Units                       | 6   |

NO. EDGE PROCESSING UNITS 1

Processing Unit : end trimming  
no. motors : 2  
motor power : 0.4 KW  
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 2

Processing Unit : top and bottom rough trimming  
no. motors : 2  
motor power : 0.55 KW  
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 3

Processing Unit : Corner rounding  
Constructor model : FK 23  
no. motors : 2  
automatic tool change : yes  
with positioning by NC : yes  
motor power : 0.4 KW  
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 4

Processing Unit : edge scraping  
with positioning by NC : yes  
automatic timed intervention : yes

NO. EDGE PROCESSING UNITS 5

Processing Unit : glue scraping

NO. EDGE PROCESSING UNITS 6

Processing Unit : buffing  
no. motors : 2

|                            |               |
|----------------------------|---------------|
| Spray unit                 | yes           |
| Units fitted on overtables | yes           |
| Control system             | HOMATIC NC 21 |

|                         |     |
|-------------------------|-----|
| Safety standard CE mark | yes |
|-------------------------|-----|

Position: 5

Family: AUTOMATION

Code:  
004655

SubFamily: Panel Turning Device

Brand: BARGSTEDT

Model: TDK 520/30/12

|                  |         |
|------------------|---------|
| Max. panel width | 3000 mm |
|------------------|---------|

|                   |         |
|-------------------|---------|
| Max. panel length | 1200 mm |
|-------------------|---------|

|                 |             |
|-----------------|-------------|
| Rotation system | double cone |
|-----------------|-------------|

|                    |                         |
|--------------------|-------------------------|
| Rotation direction | from transverse to long |
|--------------------|-------------------------|

|                   |         |
|-------------------|---------|
| Max. panel length | 1200 mm |
|-------------------|---------|

|                  |         |
|------------------|---------|
| Max. panel width | 3000 mm |
|------------------|---------|

|                          |     |
|--------------------------|-----|
| Panel rotation direction | yes |
|--------------------------|-----|

|            |                         |
|------------|-------------------------|
| direction: | from transverse to long |
|------------|-------------------------|

|     |                  |
|-----|------------------|
| and | with double cone |
|-----|------------------|

|                         |     |
|-------------------------|-----|
| Safety standard CE mark | yes |
|-------------------------|-----|

Position: 6

Family: AUTOMATION

Code:  
004657

SubFamily: Panel Stacking and Offloading

Brand: BARGSTEDT

Model: TSP 410/D/30/12

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Max. panel width                        | 1200 mm                     |
| Max. panel length                       | 3000 mm                     |
| Max. panel stack height from the ground | 1600 mm                     |
| Lifting capacity                        | 50 Kg                       |
| Work capacity                           | 18 Cycles/min               |
| Movement system                         | suction cups                |
| Min. panel length                       | 300 mm                      |
| Max. panel length                       | 3000 mm                     |
| Min. panel width                        | 280 mm                      |
| Max. panel width                        | 1200 mm                     |
| Panel stack station                     | yes                         |
| no. stations                            | 2                           |
| station                                 | unloading                   |
| Max. panel stack height                 | 1600 mm                     |
| Work capacity                           | 18 Cycles/min               |
| Lifting capacity                        | 50 Kg                       |
| Panel stack ejection                    | yes                         |
| Panel stack ejection                    | with motorised roller table |
| Movement system with frame              | yes                         |
| System                                  | suction cups                |
| Vacuum pump                             | yes                         |
| no. pumps                               | 1                           |
| Safety standard CE mark                 | yes                         |

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