

FLOORING

Your world

underfoot.

Flooring Manufacturing Lines
for SPC and other materials

Building living spaces.

From flooring to homes: Where future takes a firm stand.

HOMAG provide comprehensive production solutions for manufacturers of flooring, such as SPC, laminate flooring or engineered wood flooring. With over 500 years of combined experience in machinery engineering, automation systems, and software technology, our focus is on building strong partnerships that enhance your productivity, precision, and profitability.

This is how we are Building living spaces. Together, with you.

HOMAG – YOUR SOLUTION



High-precision flooring lines for SPC and other materials.

Dimensional accuracy, repeat accuracy, fits – precision is the top priority in flooring production. That's why we offer superior technology and individual equipment for the high-precision in every possible production lines for SPC and other material manufacturing.

To ensure that your individual floor planks transforms rooms into living spaces in the future, too.

Building living spaces.

Building precision.

**A tenth of a
millimeter is
a world apart**





Flooring lines for SPC and other materials.

The flooring lines from HOMAG impress with speed and precision – in workpiece handling as well as in machining. Every process step is set with extreme repeat accuracy. The workpiece surfaces are perfectly protected despite fast processing speeds.

Our standardized flooring lines cover different performance and functionality levels, from compact two-machine setups up to high-capacity lines producing up to 10 million sqm per year.

Alongside a variety of decorative elements and wood types, surface properties and formats, HOMAG plants can be enhanced with extensions such as footfall sound applications, bevel lacquering and, last but not least, product packaging to suit customer requirements.

www.homag.com

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Networked worldwide

HOMAG is always at your side

INDIVIDUAL CUSTOMER WISHES, DEMANDING PRODUCTS AND A WIDE VARIETY OF MATERIALS – the needs of your customers are constantly growing. And this means that the challenges for you and your production grow too. Our aim is to offer you the solutions you need to

accommodate the desire for individuality. To produce flexibly and efficiently and set trends in the industry. We support businesses of any size on their way to the top. With machines and technologies that grow with you – including the right software solutions and service.



German Headquarter in Schopfloch



Everything from a single source.

HOMAG meets all the requirements and wishes for the machines you have today. You benefit from a high degree of precision, performance and the right technology to ensure absolute flexibility, which you can use to optimize your entire production capacity.



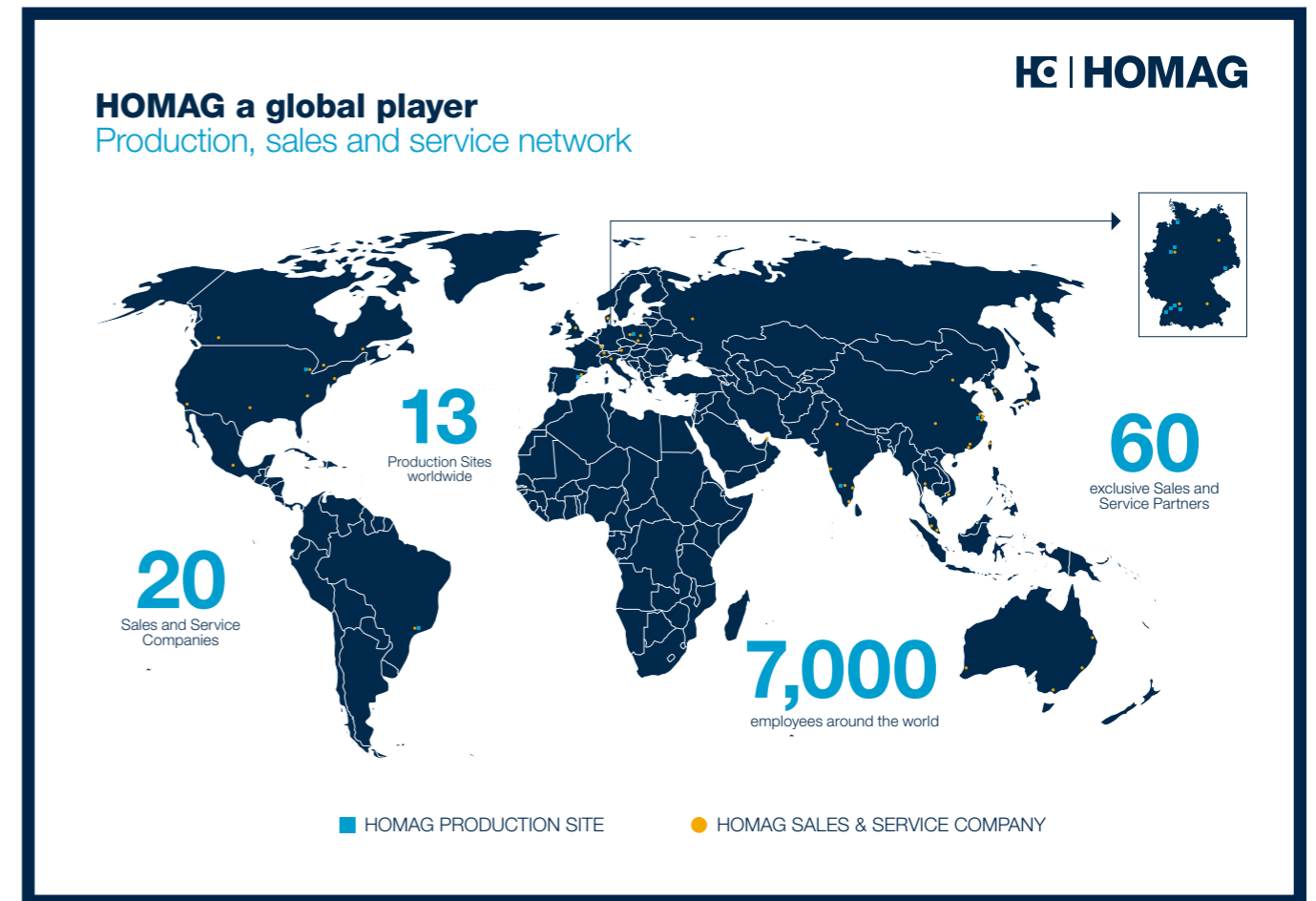
Perfection can be programmed.

The software solutions from HOMAG optimize processes in small and medium-sized enterprises and global industrial manufacturers of flooring. Our offered software solutions are perfectly adapted to flooring lines. They create efficiency and reliability in the production process.



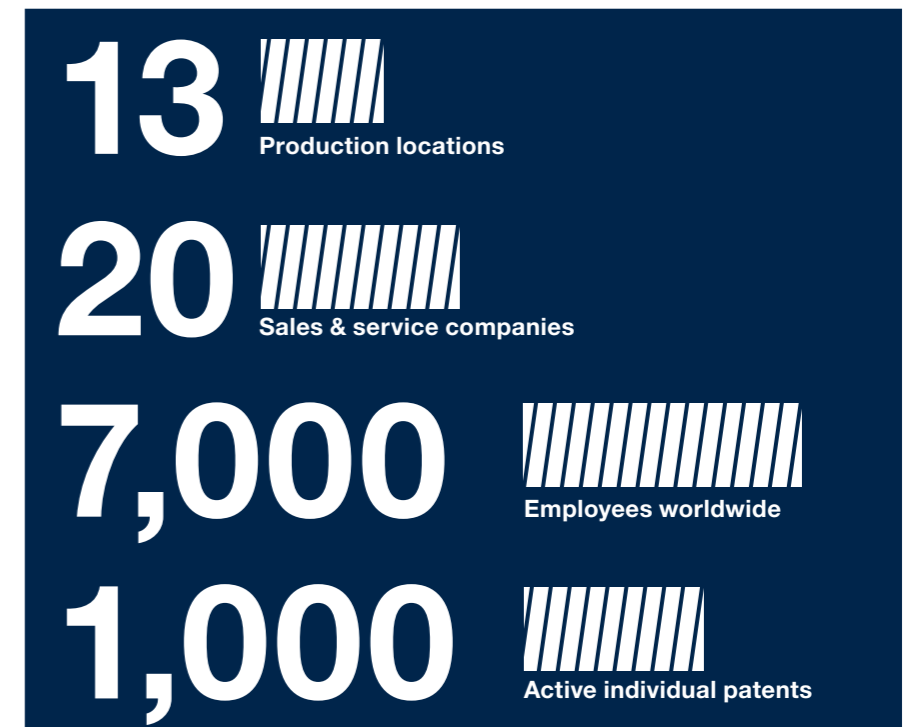
HOMAG Life Cycle Services

The sale of our machines comes with all-in optimum service backup and individual advice. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast customer solutions we guarantee consistently high availability and economical production – over the entire life cycle of your machine.



International and expert.

With sales partners in over 100 countries, HOMAG has a global presence and is able to offer you a strong partnership. We make your company competitive and your business success long-lasting.



HOMAG flooring manufacturing lines

Everything at a glance



	Output in m ² /year ¹⁾	Feed speed in m/min	Line Content														Control System			
			Feeding	Aligning	Length Saw	Angular Transfer	Cross Saw	Turning Accelerating	Profiling Length	Drying Length	Profiling Cross	Drying cross	Bevel Lacquer	Footfall sound application	Packaging	Palletizing/ Destacking	Limit switch control system	Schneider PLC	Siemens	powerControl
SPC Manufacturing Line for Manual Operation 2M sqm	2.000.000	125	✓	–	–	–	–	–	✓	○	✓	○	○	–	–	✓	✓	○	○	○
Basic SPC Manufacturing Line 6M sqm	6.000.000	125	✓	○	✓	✓	–	✓	✓	○	✓	○	○	–	–	✓	–	–	✓	○
Advanced SPC Manufacturing Line 6M sqm	6.000.000	125	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	–	–	✓	–	–	✓	○
Advanced SPC Manufacturing Line 6M sqm Footfall Sound Application	6.000.000	125	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	✓	–	✓	–	–	✓	○
Complete SPC Manufacturing Line 6M sqm	6.000.000	125	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	✓	✓	✓	–	–	✓	○
Advanced SPC Manufacturing Line 7.5M sqm	7.500.000	150	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	–	–	✓	–	–	✓	○
Advanced SPC Manufacturing Line 7.5M sqm Packaging	7.500.000	150	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	–	✓	✓	–	–	✓	○
Complete Automated SPC Manufacturing Line 7.5M sqm	7.500.000	150	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	✓	✓	✓	–	–	✓	○
Customized Solutions Tailored to Your Needs >10M sqm	>10.000.000	250	✓	○	✓	✓	✓	✓	✓	○	✓	○	○	✓	✓	✓	–	–	✓	–

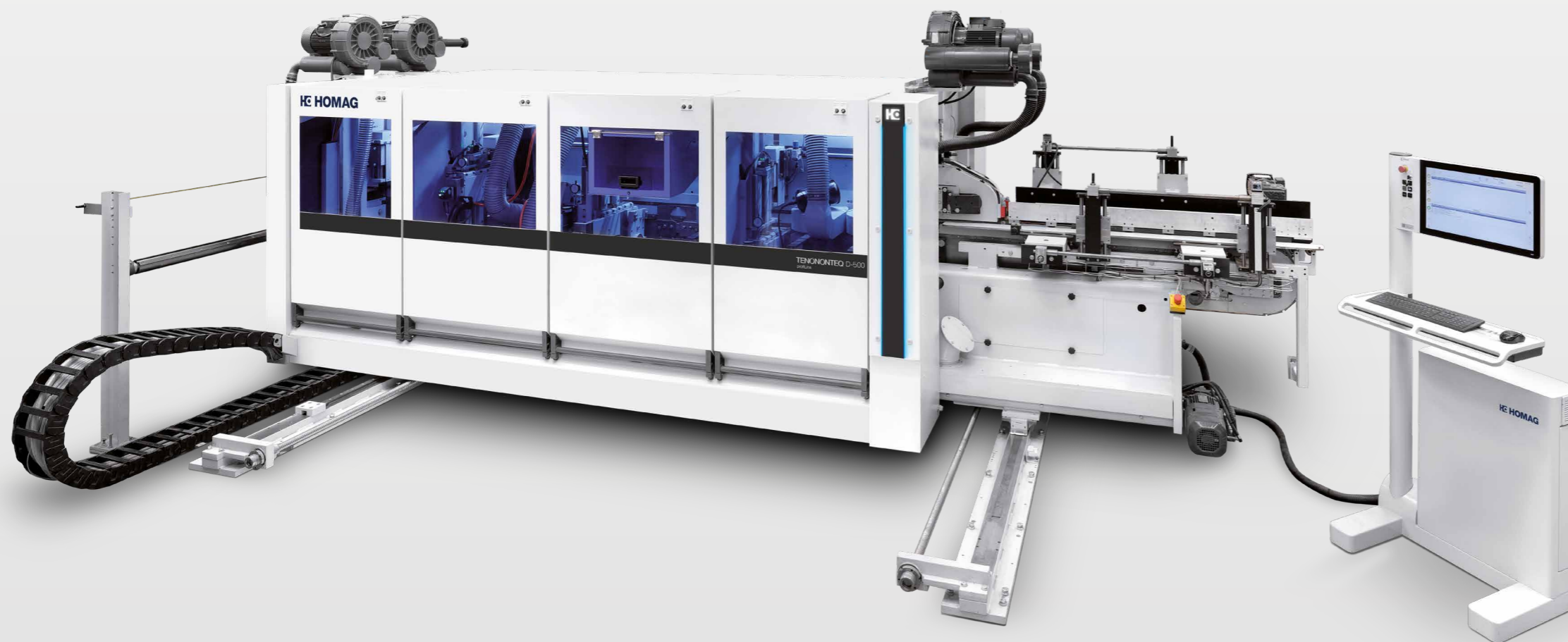
1) Based on standard part: 1,2 m*0,2 m | taking into account av. availability | 300 days 24/7

TENONTEQ D-Series

Double-End Tenoners from HOMAG

The double-sided HOMAG sizing machines from the TENONTEQ D-500, TENONTEQ D-600 and TENONTEQ D-800 series offer excellent processing quality in a cost-effective solution that is guaranteed to impress. In all

performance categories, they are characterized by high-quality components which are already included as standard equipment. This means you can produce your flooring elements with maximum profile accuracy.



HIGH PERFORMANCE AND PRECISION

- High throughput combined with excellent dimensional accuracy and repeatability
- Stable and reliable processes, even at high production speeds
- Designed for industrial-scale serial production in the flooring industry

PROCESS RELIABILITY AND FLEXIBILITY

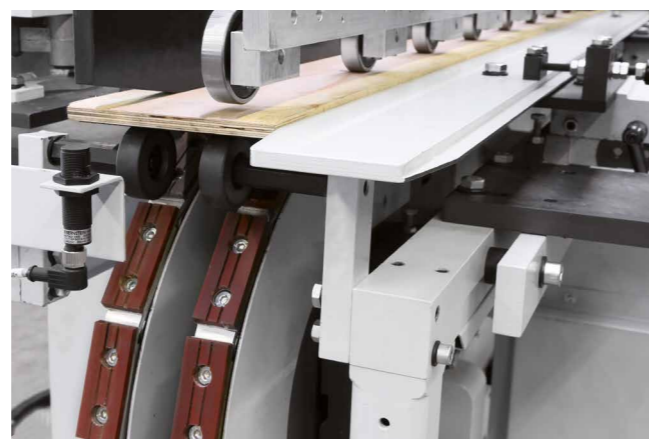
- Precisely coordinated transport and guiding systems
- Ideal for flexible high-volume production

INTUITIVE OPERATION AND INTEGRATION

- Uniform and intuitive operating concepts
- Seamless integration into complete production lines
- Ensures stable processes and consistent product quality



Tension-free infeed system for smooth workpiece supply



The rolling chain also ensures quiet running, even at high feed rates



Pressure and support pad for laminate flooring to protect the chain and ensure precision processing. Additional support is provided for the workpiece in the area of the processing unit.



Machine casing for reducing noise emissions

SAWTEQ M- and C-Series

Versatile application range of throughfeed rip saws

Throughfeed saws from HOMAG offer flexible use. Even with very large batch sizes and high required capacity, high performance is guaranteed by the principle of throughfeed dividing.

THROUGHFEED DIVIDING PRINCIPLE FOR MAXIMUM PRODUCTIVITY

- Continuous material flow
- High throughput and large batch sizes
- Seamless integration into automated production lines

HIGH-PRECISION CUTTING QUALITY UP TO PREMIUM LEVEL

- Very high dimensional accuracy
- Stable, low-vibration machine frames
- Advanced transport systems

INDUSTRIAL ROBUSTNESS AND LIFECYCLE FOCUS

- Robust mechanical design for continuous operation
- Full integration into HOMAG Life Cycle Service

EXTRAORDINARY DUST EXTRACTION

- Engineered suction devices for top and bottom
- Optimized for abrasive materials



Rip cut panel dividing



Cross cut panel dividing



Ground transport rollers

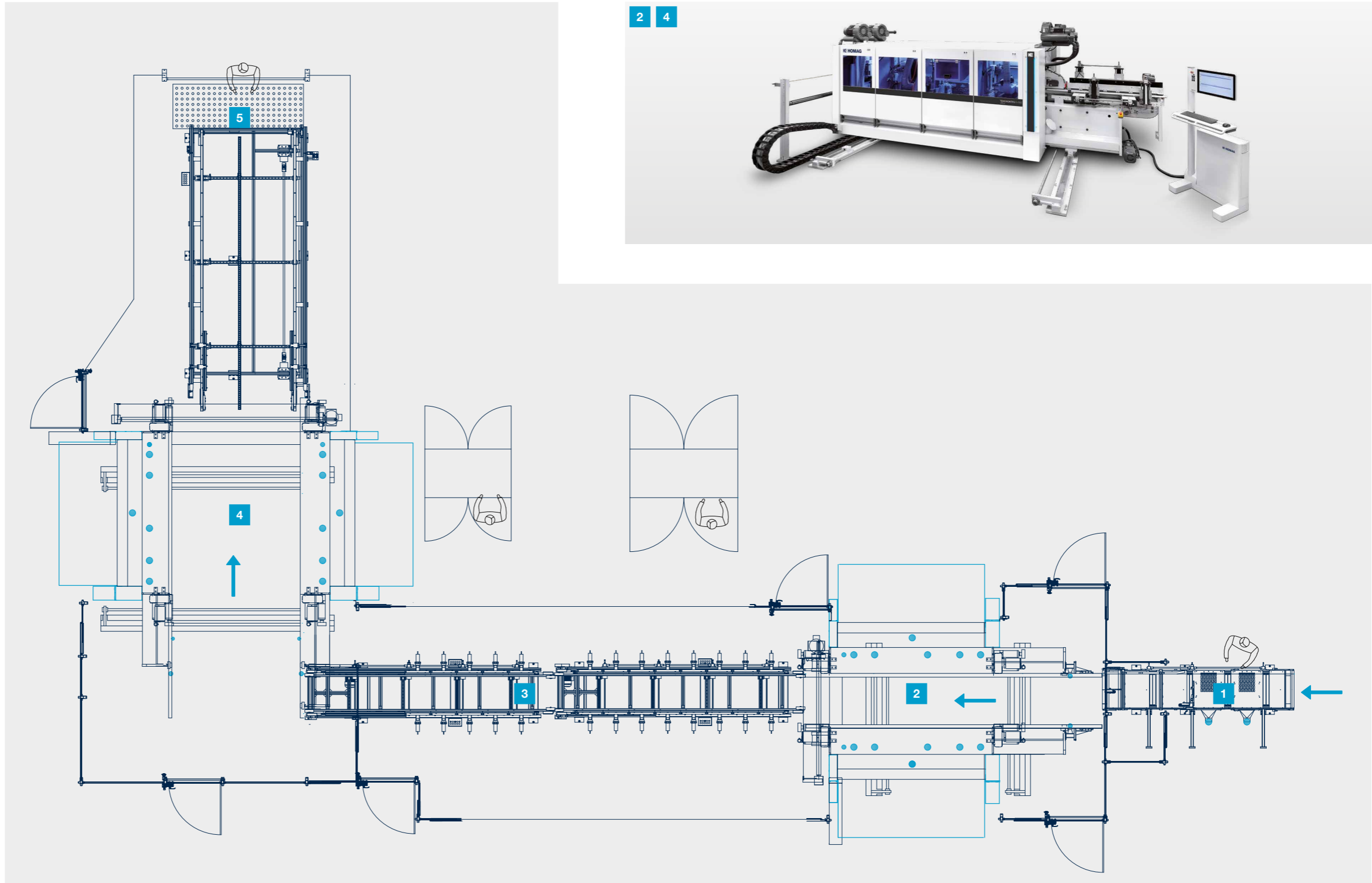
SPC Manufacturing Line for Manual Operation

2M sqm

2 million  sqm annual max.
manual operation

PROCESS CONTENTS

- 1** Manual workpiece feeding
- 2** Processing machine
TENONTEQ D-500
 - Profiling long side up to 12 motors/side
 - Bevel laquering (optional)
- 3** Transfer into the intermediate magazine incl. bevel drying (optional)
- 4** Processing machine
TENONTEQ D-500
 - Profiling short side up to 12 motors/side
 - Bevel laquering (optional)
- 5** Manual workpiece removal incl. bevel drying (optional)



SPC Manufacturing Line for Manual Operation



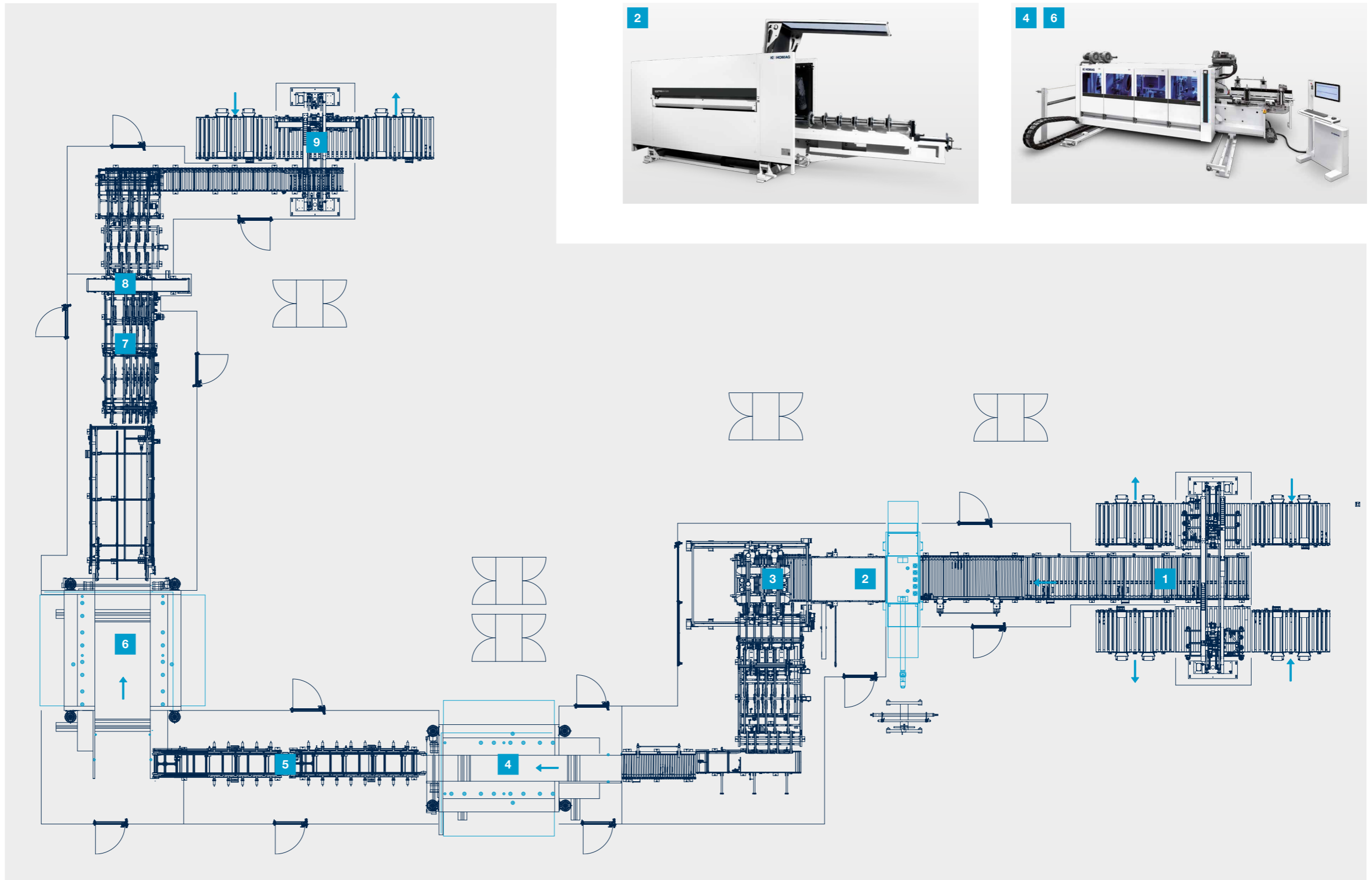
Basic SPC Manufacturing Line

6M sqm

6 million  sqm annual max.
Automated feeding and stacking system | Multi Rip Saw

PROCESS CONTENTS

- 1** Automatic, double sided feeding system
- 2** Processing machine SAWTEQ M-300
 - Multi-rip saw for cutting the slabs into strips
- 3** Angular transfer and belt conveyor
- 4** Processing machine TENONTEQ D-500
 - Profiling long side with up to 12 motors/side
 - Bevel laquering (optional)
- 5** Transfer into the intermediate magazine incl. bevel drying (optional)
- 6** Processing machine TENONTEQ D-500
 - Profiling short sides with up to 12 motors/side
 - Bevel laquering (optional)
- 7** Bevel drying and turning section
- 8** Quality control, incl. separation of ejected and highquality planks
- 9** Automatic stacking system

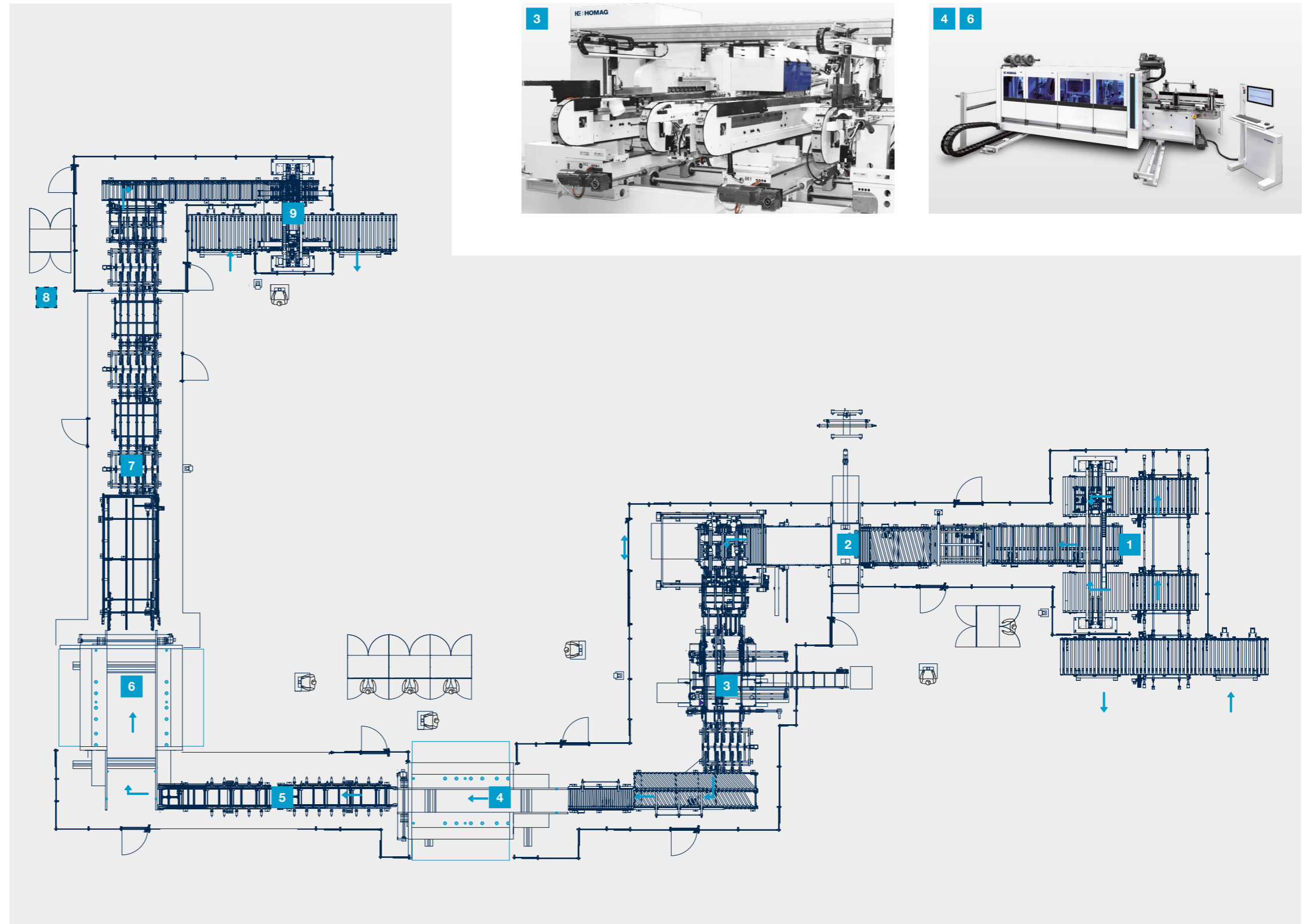


Advanced SPC Manufacturing Line

6M sqm

PROCESS CONTENTS

- 1 Automatic, double sided feeding system
- 2 Processing machine SAWTEQ M-300
 - Multi-rip saw for cutting the slabs into strips
- 3 Processing machine SAWTEQ C-300
 - Cross-cutting saw
- 4 Processing machine TENONTEQ D-500
 - Profiling long side with up to 12 motors/side
 - Bevel laquering (optional)
- 5 Transfer into the intermediate magazine incl. bevel drying (optional)
- 6 Processing machine TENONTEQ D-500
 - Profiling short sides with up to 12 motors/side
 - Bevel laquering (optional)
- 7 Bevel drying and turning section
- 8 Quality control, incl. separation of ejected and high-quality planks (optional)
- 9 Automatic stacking system



6 million

sqm annual max.

Automated feeding and stacking system | Multi Rip Saw | Cross Saw



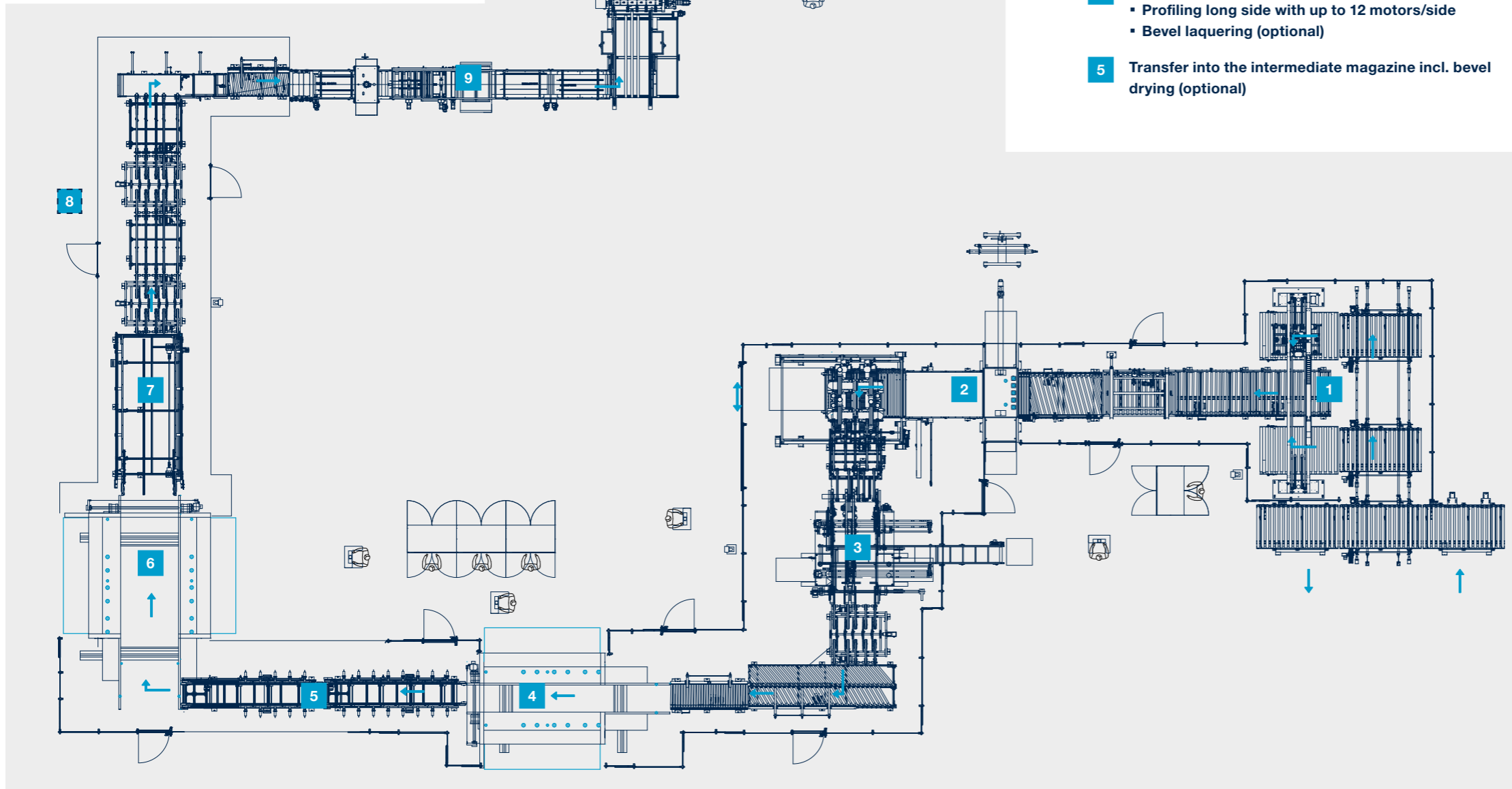
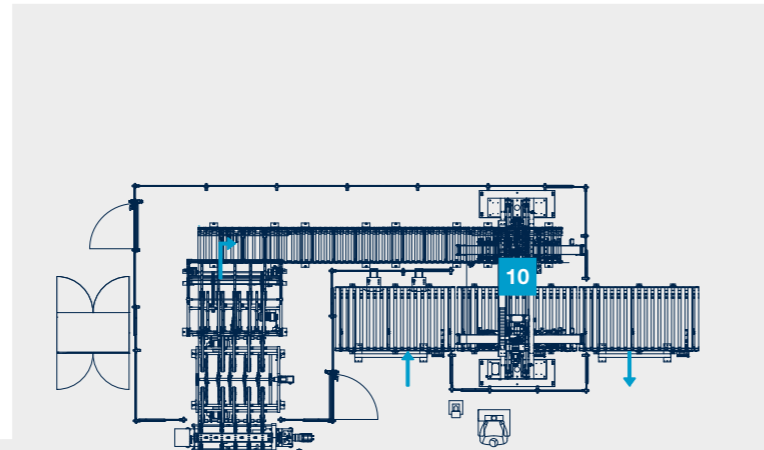
Advanced SPC Manufacturing Line

6M sqm | Footfall Sound Application

6 million

sqm annual max.

Automated feeding and stacking system | Multi Rip Saw | Cross Saw | Footfall Sound Application



PROCESS CONTENTS

- | | |
|---|--|
| <p>1 Automatic, double sided feeding system</p> <p>2 Processing machine SAWTEQ M-300
▪ Multi-rip saw for cutting the slabs into strips</p> <p>3 Processing machine SAWTEQ C-300
▪ Cross-cutting saw</p> <p>4 Processing machine TENONTEQ D-500
▪ Profiling long side with up to 12 motors/side
▪ Bevel laquering (optional)</p> <p>5 Transfer into the intermediate magazine incl. bevel drying (optional)</p> | <p>6 Processing machine TENONTEQ D-500
▪ Profiling short sides with up to 12 motors/side
▪ Bevel laquering (optional)</p> <p>7 Bevel drying and turning section</p> <p>8 Quality control, incl. separation of ejected and highquality planks (optional)</p> <p>9 Footfall sound application</p> <p>10 Automatic stacking system</p> |
|---|--|



Complete SPC Manufacturing Line

6M sqm

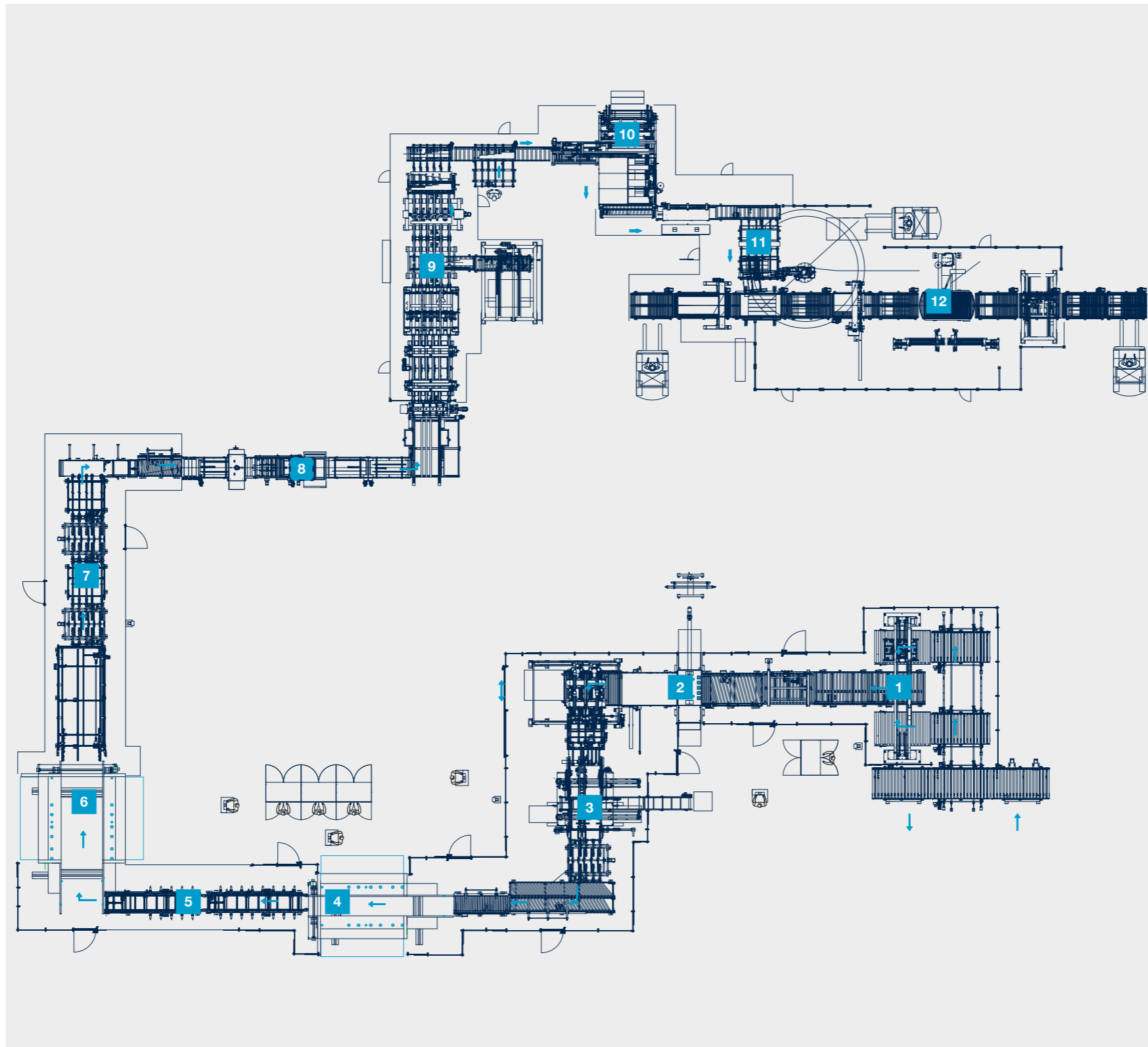
6 million

sqm annual max. capacity

Automated feeding and stacking system | Multi Rip Saw | Cross Saw | Footfall sound application | Packaging

PROCESS CONTENTS

- 1** Automatic, double sided feeding system
- 2** Processing machine SAWTEQ M-300
 - Multi-rip saw for cutting the slabs into strips
- 3** Processing machine SAWTEQ C-300
 - Cross-cutting saw
- 4** Processing machine TENONTEQ D-500
 - Profiling long side with up to 12 motors/side
 - Bevel laquering (optional)
- 5** Transfer into the intermediate magazine incl. bevel drying (optional)
- 6** Processing machine TENONTEQ D-500
 - Profiling short sides with up to 12 motors/side
 - Bevel laquering (optional)
- 7** Bevel drying and turning section
- 8** Footfall sound application
- 9** Quality control and automatic stacking system
 - incl. separation of ejected and high-quality planks
- 10** Packaging Line
 - Stacking in cardboard boxes
- 11** Automatic box stacking system
- 12** Pallet packaging incl. strapping and wrapping



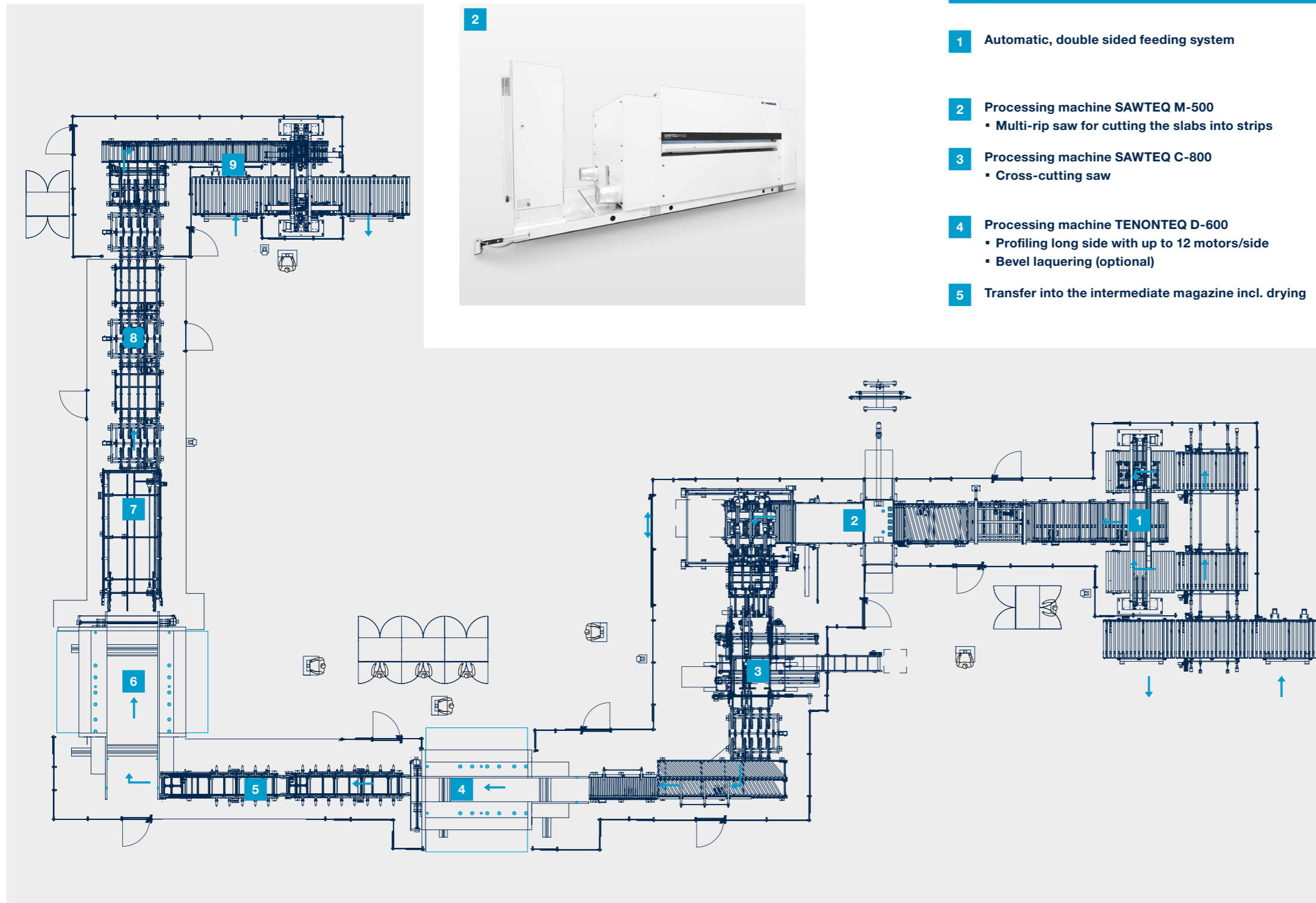
Advanced SPC Manufacturing Line

7.5M sqm

7.5 million

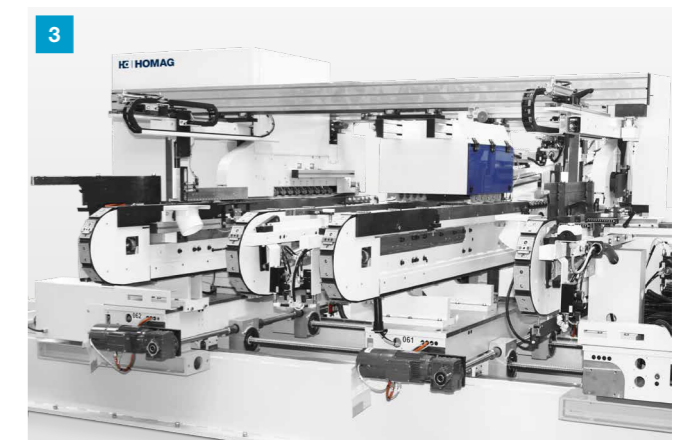
sqm annual max. capacity

Automated feeding and stacking system | Multi Rip Saw | Cross Saw



PROCESS CONTENTS

- 1** Automatic, double sided feeding system
- 2** Processing machine SAWTEQ M-500
 - Multi-rip saw for cutting the slabs into strips
- 3** Processing machine SAWTEQ C-800
 - Cross-cutting saw
- 4** Processing machine TENONTEQ D-600
 - Profiling long side with up to 12 motors/side
 - Bevel laquering (optional)
- 5** Transfer into the intermediate magazine incl. drying
- 6** Processing machine TENONTEQ D-600
 - Profiling short sides with up to 12 motors/side
 - Bevel laquering (optional)
- 7** Bevel drying and turning section
- 8** Quality control and automatic stacking system
 - incl. separation of ejected and high-quality planks (optional)
- 9** Automatic stacking system



Advanced SPC Manufacturing Line

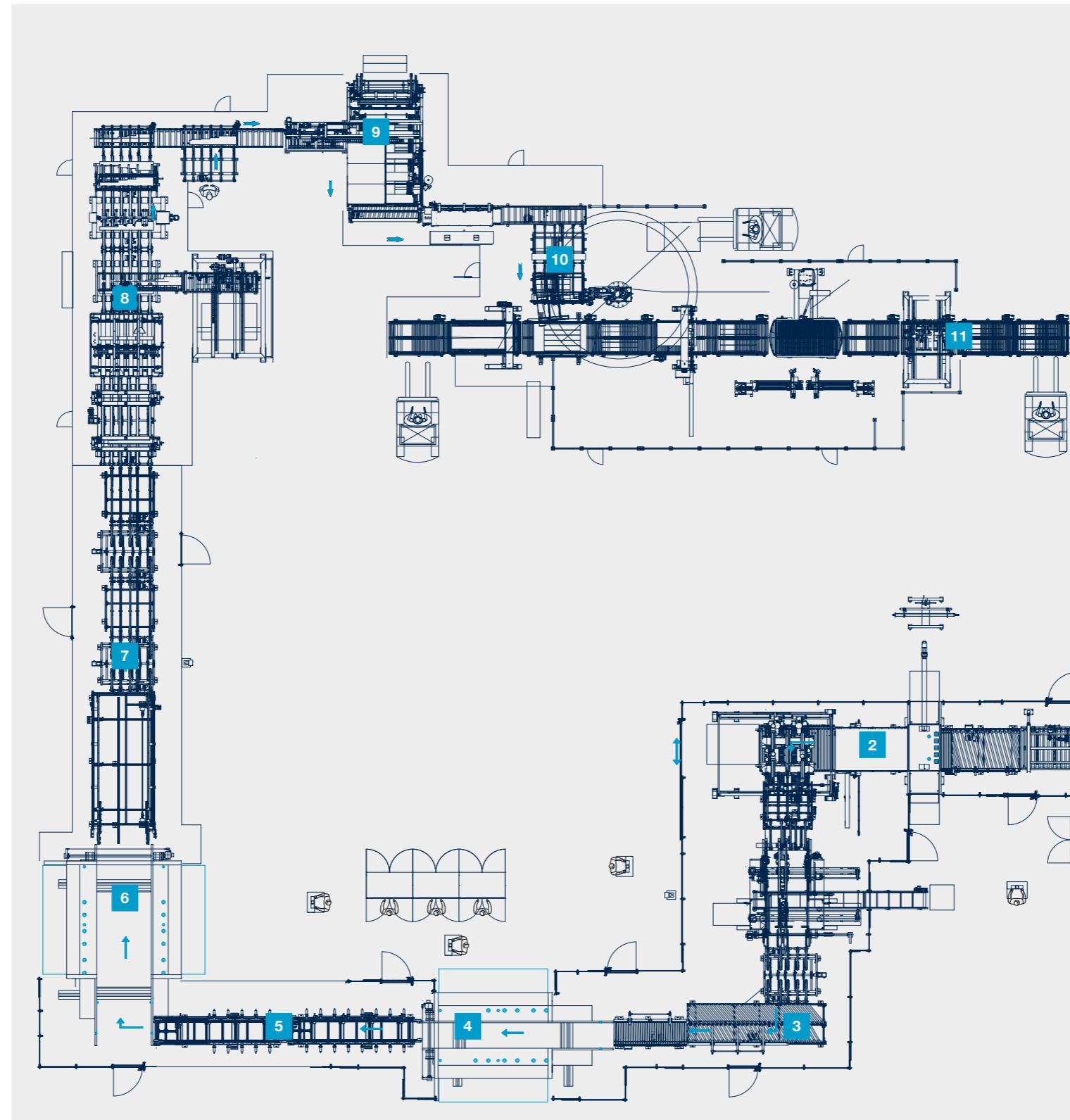
7.5M sqm | Packaging

7.5 million  sqm annual max. capacity

Automated feeding and stacking system | Multi Rip Saw | Cross Saw | Packaging

PROCESS CONTENTS

- 1** Automatic, double sided feeding system
- 2** Processing machine SAWTEQ M-500
 - Multi-rip saw for cutting the slabs into strips
- 3** Processing machine SAWTEQ C-800
 - Cross-cutting saw
- 4** Processing machine TENONTEQ D-600
 - Profiling long side with up to 12 motors/side
 - Bevel laquering (optional)
- 5** Transfer into the intermediate magazine incl. drying
- 6** Processing machine TENONTEQ D-600
 - Profiling short sides with up to 12 motors/side
 - Bevel laquering (optional)
- 7** Bevel drying and turning section
- 8** Quality control and automatic stacking system
 - incl. separation of ejected and high-quality planks
- 9** Packaging Line
 - Stacking in cardboard boxes
- 10** Automatic box stacking system
- 11** Pallet packaging incl. strapping and wrapping

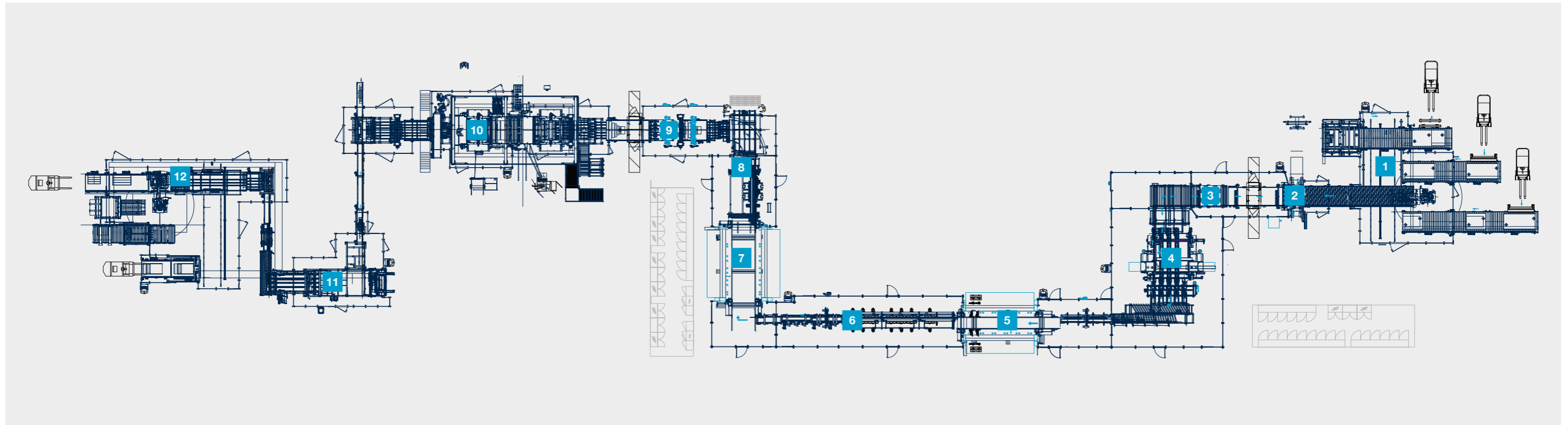


Complete SPC Manufacturing Line

7.5M sqm

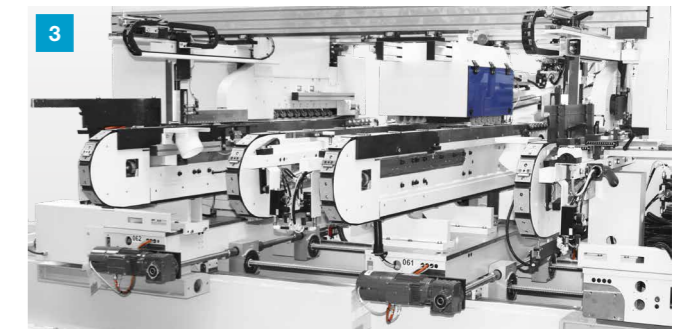
7.5 million  sqm annual max. capacity

Automated feeding and stacking system | Multi Rip Saw | Cross Saw | Footfall sound application | Packaging



PROCESS CONTENTS

- | | |
|--|---|
| <p>1 Automatic, double sided feeding system</p> <p>2 Processing machine SAWTEQ M-500
▪ Multi-rip saw for cutting the slabs into strips</p> <p>3 Automatic quality control (optional)</p> <p>4 Processing machine SAWTEQ C-800
▪ Cross-cutting saw</p> <p>5 Processing machine TENONTEQ D-600
▪ Profiling long sides with up to 12 motors/side
▪ Bevel laquering (optional)</p> <p>6 Transfer into the intermediate magazine incl. drying</p> | <p>7 Processing machine TENONTEQ D-600
▪ Profiling short sides with up to 12 motors/side
▪ Bevel laquering (optional)</p> <p>8 Bevel drying</p> <p>9 Automatic quality control (optional)</p> <p>10 Footfall sound application</p> <p>11 Packaging Line
▪ Stacking in cardboard boxes</p> <p>12 Automatic box stacking system</p> |
|--|---|

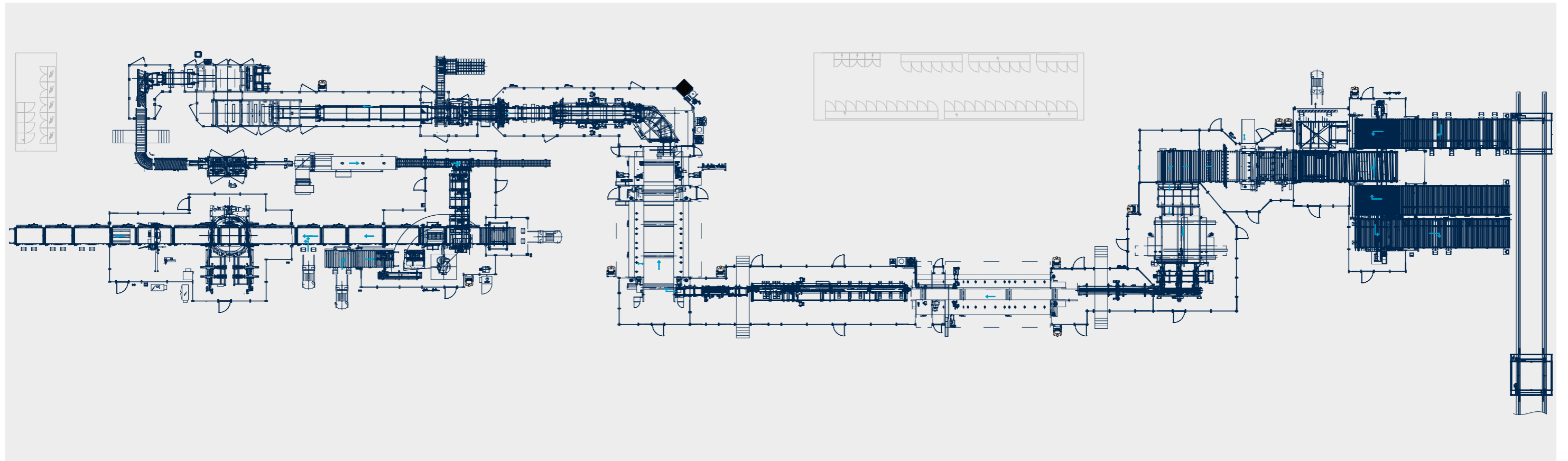


Customized Solutions Tailored to Your Needs

HOMAG offers more than machines –
HOMAG delivers complete solutions.

Backed by a strong and highly skilled team, we design customized flooring lines tailored to your requirements, enabling annual capacities of more than 10 million square meters.

These lines demonstrate that full automation and maximum flexibility go hand in hand – just as we work hand in hand with our customers.



>10 million



sqm annual max. capacity

Automated feeding and stacking system | Multi Rip Saw | Cross Saw | Pad application | Packaging

LIFE CYCLE SERVICES

Improved performance, more efficient processes, faster help, assurance of availability and smarter working

TEAM & COVERAGE

Largest global service network in the industry with over 1,350 personnel.

INSTALLATION & COMMISSIONING

For a smooth start, we only let proven experts manage your setup.

OPERATION & CONTROL

After teaching your personnel the intuitive control system, our clever apps help to make the operator's life much easier.

MAINTENANCE & SERVICING

To keep things running, we're happy to take a preventative approach. You decide how often and how intensively you want the support to be. As we all know, prevention is better than the cure.

eSHOP & ONLINE ADVANTAGE

A few clicks and it's fixed. Receive exclusive advantages by ordering spare parts online, depending on market availability. shop.homag.com

HOTLINE & READINESS

When there's an emergency, we're here. Direct by phone, digitally via app or video, or with on-site support. We are close to you with over 90 regional service organizations worldwide. With more than 35,000 spare parts immediately available, we can deliver 85% of your orders fast.

TRAINING & EDUCATION

With classroom, live online or eLearning training, we offer flexible options to help you get knowledge. We conduct over 4,000 customer training courses every year, and we even have our own training centers in 19 countries

MODERNIZATION & IMPROVEMENT

Our modernization program is tailored to your machines and processes. We can evaluate your data and situation and advise you on the next step.

ANALYSIS & SUSTAINABILITY

On request, we analyze all your processes with proven tools and procedures (LeanSixSigma). We have a large, certified team of experts for this purpose.

FINANCING & CONSULTING

We offer you tailor-made financing concepts worldwide. With more than 60 years of experience and a close partner network of prominent banks and insurance companies to help us to find the right solution for you, we're always transparent and reliable in processing.

Fast support:

94% resolution rate via our hotline

Close to you:

1,350 service experts worldwide

We get things moving:

Over 1,000 worldwide spare parts shipments each day

No one else has that:

Electronic documentation on over 150,000 machines, available in 28 languages



HOMAG Group AG

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YOUR SOLUTION