

FLEXIBLE MANUFACTURING SYSTEMS

LEVEL UP YOUR PRODUCTIVITY WITH OUR
SCALABLE AUTOMATED SOLUTIONS



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Find out more about what our technologies can do for you and how you could benefit from our consulting and assistance services:
primapower.com

PRIMA POWER SOLUTIONS

FUTURE-PROOF YOUR MANUFACTURING

Prima Power provides businesses of all sizes with targeted dynamic technologies that **enhance profitability in sheet metal working**. We create **integrated automated solutions** designed to meet our clients' challenges and open to their future growth. We offer **high-performance machines** that deliver flexible and precise execution.

At Prima Power, value lies in the **focus on customers**.

We build our offer on a full range of modular solutions, using our distinctive customer-centered approach and long-standing knowledge in engineering systems and machinery for sustainable, efficient manufacturing - all based on a **unique history of technological integration**.



SYSTEMS



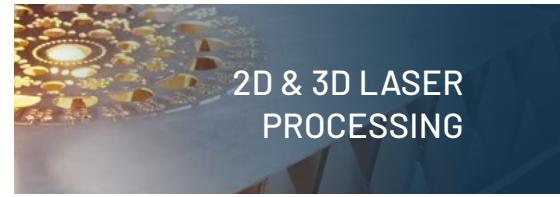
PRESS BRAKES



PANEL BENDERS



PUNCHING & COMBINED TECHNOLOGIES



2D & 3D LASER PROCESSING



AUTOMATION



SOFTWARE



DRIVING INDUSTRIAL PROGRESS

SERVING HIGH-TECH SECTORS WITH
SPECIALIZED KNOWLEDGE



Leveraging its **diversified expertise**, Prima Power offers solutions that cater to a wide array of industries. Our range's breadth and modularity, combined with our cross-industry knowledge, allow us to provide **targeted and specialized solutions** aligned with the distinctive demands of each sector.

With a focus on customers' needs, we **facilitate the growth and progress of evolving industries**, aiming to boost customer profitability through advanced and reliable production systems.

INDUSTRIES

*Aerospace / Automotive
Building & Housing Equipment
Electric Cabinets
Elevators & Escalators
Energy / Food Service Equipment
Healthcare & Medical / HVAC
Mechanics & Machinery
Steel Furniture, Panels & Warehousing
Yellow Goods & Trucks*



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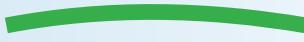
DYNAMIC SOLUTIONS TO LEVEL UP YOUR PRODUCTION PROCESS

GREEN MEANS[®]: AN INTEGRATED AND PRAGMATIC COMMITMENT

In Prima Power we embrace an integrated and pragmatic approach to sustainability. We deliver solutions designed to optimize production cycles by **focusing on process efficiency**, with the aim of saving materials and energy without affecting the quality of the final output.

Our technologies simultaneously guarantee both a **saving of resources** and **economic savings for manufacturers**.

This means prioritizing effective and feasible solutions, like servo-electric technology we have been pioneering since 1998. We have summarized our concept of sustainability in two words: **Green means[®]**.



green means[®]



COST-EFFECTIVE
MANUFACTURING - LOW
ENERGY CONSUMPTION



MINIMAL WASTE
OPTIMIZED SHEET UTILIZATION



ERGONOMICS - LESS MANUAL
WORK, EASY TO USE AND
MONITOR

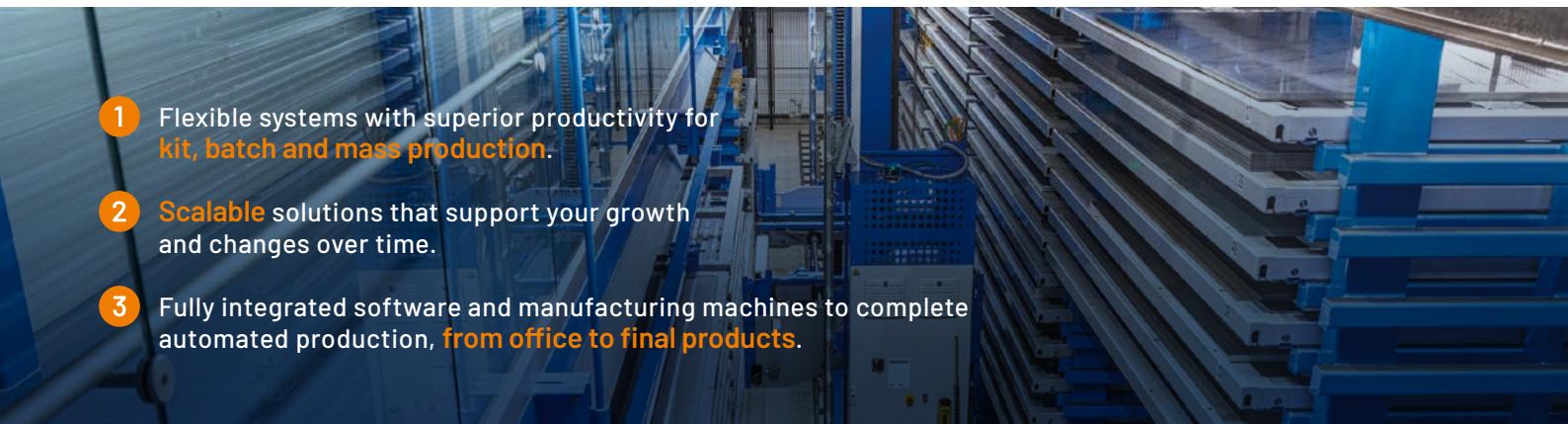


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Find out more

PRIMA POWER SYSTEM

LEVEL UP YOUR PRODUCTIVITY WITH OUR SCALABLE AUTOMATED SOLUTIONS



- 1 Flexible systems with superior productivity for **kit, batch and mass production**.
- 2 **Scalable** solutions that support your growth and changes over time.
- 3 Fully integrated software and manufacturing machines to complete automated production, **from office to final products**.

Prima Power FMS technology automates the material and information systems of a facility and combines individual manufacturing stages into a single flexible process. With Prima Power FMS technology, the manufacturer gets superior cost efficiency in both serial production and in small batch fabrication.

Prima Power system knowhow consists of:

- software
- machine cells
- intelligent warehouses and logistic centers
- material handling automation
- system customization
- customer support and service



EXPERIENCE

Over 50 years of experience and more than 13,000 installed systems worldwide



INNOVATION

An expert R&D team committed to research the most competitive technology for our customers



GREEN MEANS

Sustainability and social responsibility are characteristics of modern companies and add to competitiveness



MODULARITY

The whole Prima Power production family is modular, from a standalone machine to a complete automated manufacturing system.



PRIMA POWER PRODUCTION LINES

UNIQUE PRODUCTIVITY BASED ON UNRIVALLED EXPERIENCE



PunchBend

Advanced manufacturing solution for cut to size materials. Punching technology and servo-electric bending.



PSBB

(Punching + Shearing + Buffering + Bending)

The PSBB line processes blank sheets into ready-bent, high-quality rectangular components automatically.



LPBB

(Laser cutting + Punching + Buffering + Bending)

LPBB production line combines multiple manufacturing steps into one, handling also complex shapes with combined laser cutting.



LBB (Laser cutting + Buffering + Bending)

The LBB line combines the best sides of 2D laser cutting and bending: flexibility, automated material flow, and automated bending process.

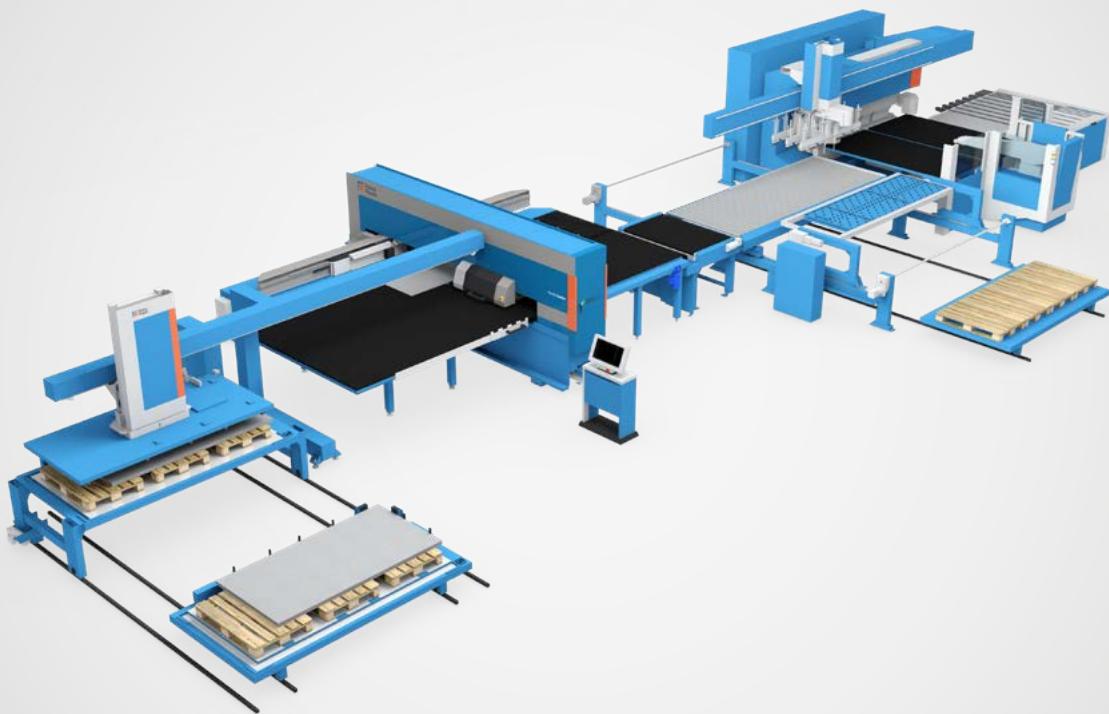


Night Train FMS®

Leading technology factory solution in automated flexible manufacturing systems. Night Train FMS® automates the material and information systems of a facility and combines individual manufacturing stages into a single flexible process.

PUNCHBEND

PUNCHING / BENDING



ECONOMIC

Low maintenance costs and more production with less floor space



LESS MAN HOURS - MORE MACHINE HOURS

Tightly integrated processes: software, work stages and material handling



FASTER PRODUCTION

No skeleton-handling, efficient machine process. Shorter lead time for product changes and new products



PRODUCTION ECONOMY

PunchBend is an advanced fabrication solution for cut-to-size materials

SUITABLE FOR DIVERSE PRODUCTION, E.G.

*Building & Housing Equipment
Electric Cabinets
Energy Industry
HVAC
Steel Furniture,
Panels & Warehousing*

PUNCHBEND

PUNCHING / BENDING



Prima Power combined extensive experience of punching and bending and leadership in servo-electric technology to create a compact and economical fabrication solution.

PunchBend is an ideal manufacturing system for the production of e.g. doors or elevators if you are using cut-to-size materials.

The most important characteristic of PunchBend is the tight integration of everything that is needed:

- software
- work stages
- and material handling.

High productivity is achieved with fast loading and tool changes.

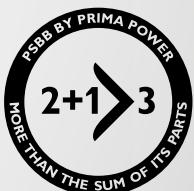
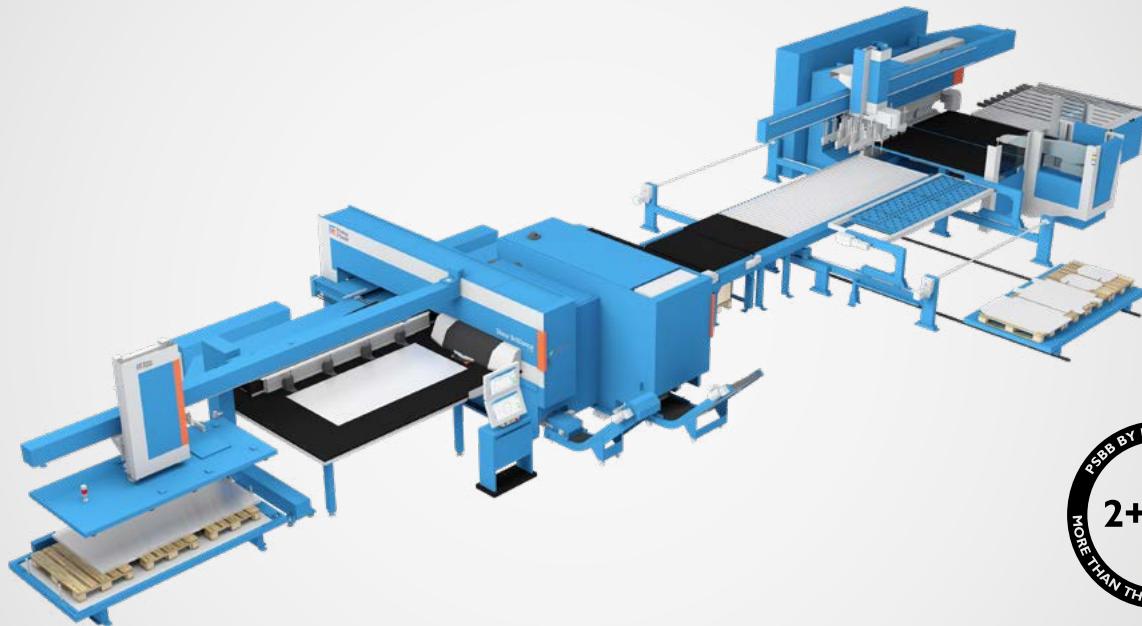


Visit our website

Find out more

PSBB

PUNCHING / SHEARING / BUFFERING / BENDING



MORE CAPACITY FOR PANEL PRODUCTION

Less man hours and more machine hours through unmanned operation



FASTER PRODUCTION

High productivity and shorter lead time for product changes



TRANSPARENCY

Automatic information flow from programming to production reporting

SUITABLE FOR DIVERSE PRODUCTION, E.G.

HVAC

Generators & Canopies

Subcontracting

Building & Housing Equipment

Electric Cabinets

Energy Industry

Steel Furniture, Panels & Warehousing

PSBB

PUNCHING / SHEARING / BUFFERING / BENDING



PSBB processes blank sheets into ready-bent, high-quality components automatically and ensures energy efficient, flexible and versatile production flow at its maximum, from programming to production reporting. PSBB is the market standard solution for panel manufacturing.

PSBB production line is configurable to meet all the needs of different production methods, whether kit, batch or mass production. Production line can re-arrange production flow according to production needs in order to optimize cutting and bending processes. PSBB is the market standard.

KEY ELEMENTS

- Versatile servo-electric punching
- Integrated servo-electric shearing
- Servo-electric bending
- Automatic, flexible material flow and sophisticated software



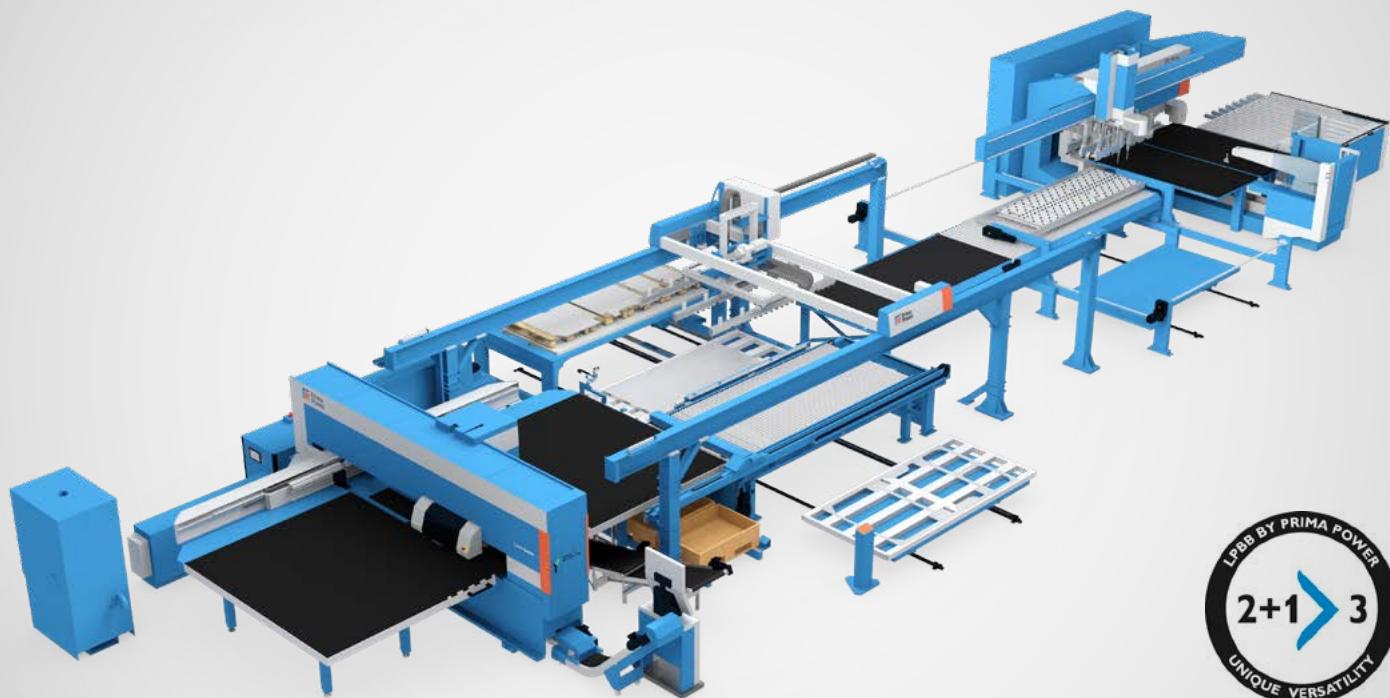
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LPBB

PUNCHING / LASER CUTTING / BUFFERING / BENDING



USER FRIENDLY

Ease of operation, minimal set-up times



VERSATILITY

Outstanding versatility for complex manufacturing and sensitive materials



TRANSPARENCY

Automatic information flow from programming to production reporting

SUITABLE FOR DIVERSE PRODUCTION, E.G.

Food Service Equipment
Hospital & Lab Equipment
Building & Housing Equipment
Electric Cabinets
Energy Industry
HVAC
Steel Furniture, Panels & Warehousing
Subcontracting

LPBB

PUNCHING / LASER CUTTING / BUFFERING / BENDING



LPBB stands for Laser cutting + Punching + Buffering + Bending. The outstanding productivity offered by the LPBB flexible manufacturing system results from Prima Power modular technology and intelligent material flow management.

The LPBB production line seamlessly combines multiple production phases, including punching, laser cutting, tapping, forming, marking, and bending. Unlike in traditional cell production, no extra logistics are required between these work phases, streamlining the process for increased efficiency.

KEY ELEMENTS

- Versatile servo-electric punching
- Modern laser cutting
- Servo-electric bending
- Automatic, flexible material flow and sophisticated software



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[Find out more](#)



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[Watch the video](#)



LBB

LASER CUTTING / BUFFERING / BENDING



FLEXIBILITY

Suitable for a wide range of materials and thicknesses



VERSATILITY

Outstanding versatility for complex manufacturing



TRANSPARENCY

Automatic information flow from programming to production reporting

SUITABLE FOR DIVERSE PRODUCTION, E.G.

Yellow Goods

Machinery

Food Service Equipment

Building & Housing Equipment

LBB

LASER CUTTING / BUFFERING / BENDING



The automated LBB production line integrates laser cutting, intelligent part handling and high-quality bending. It combines the best sides of 2D laser cutting and bending: great lights-out production capacity together with outstanding flexibility of the automated material flow and bending process.

The LBB production line can be equipped with either a panel bender or a robotic press brake. A panel bender is the ideal solution for handling panels and profiles, while a robotic press brake is preferred for more complex parts or when material thicknesses are higher, such as in the production of e.g. yellow goods or machinery parts.

KEY ELEMENTS

- Lights-out production capacity with outstanding flexibility
- Modern laser cutting
- Servo-electric bending
- Automatic, flexible material flow and sophisticated software



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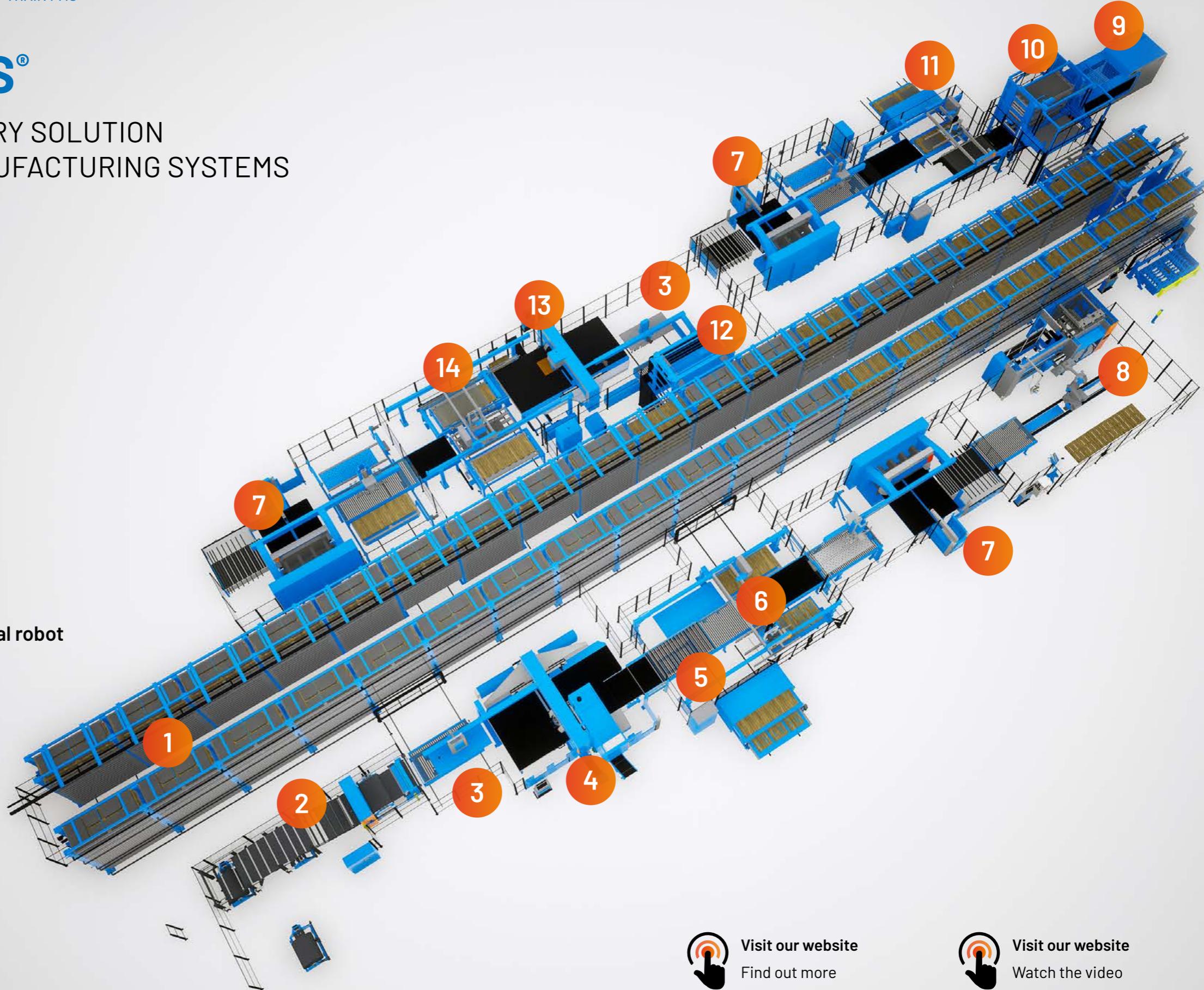


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NIGHT TRAIN FMS®

LEADING TECHNOLOGY FACTORY SOLUTION
IN AUTOMATED FLEXIBLE MANUFACTURING SYSTEMS

- 1 Night Train Genius
- 2 Cut-to-length coil handling system
- 3 Loading Device LD
- 4 Shear Genius® SG 1530
- 5 Sheared part buffer SPB
- 6 Picking and Stacking Robot PSR 1530
- 7 Express Bender EBe 2720
- 8 eP Genius press brake with an industrial robot
- 9 Laser Genius®+ LG+ 1530
- 10 Combo Tower Laser
- 11 Picking and Stacking Robot PSR2D
- 12 Fast Loading Device FLD
- 13 Combi Genius® CG 1530
- 14 Loading Stacking robot LSR



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Find out more

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NIGHT TRAIN FMS®

LEADING TECHNOLOGY FACTORY SOLUTION IN AUTOMATED FLEXIBLE MANUFACTURING SYSTEMS



AUTOMATION 24/7

High and even component quality



NO SETUP TIME

Practically zero time for setup changes – fast, automatic change from one product to another



FASTER PRODUCTION

Shorter lead time for product changes and new products

Over 30 years of experience and high level engineering by specialists prove that Night Train FMS® is leading technology in automated flexible manufacturing. Prima-Power's automated storage solution with low profile crane and shelf structure offer excellent storage capacity with a smaller foot print.

NightTrain FMS® automates the material and information systems of a facility and combines individual manufacturing stages into a single flexible process. Systems are customized using the wide Prima Power range of high performance machine tools, integrated cells, automatic material handling solutions and software. Due to the wide range and modularity, the optimum solution can be found for every application and all system sizes.

Trains don't stop
for the night...

...why should
your production



**NIGHT TRAIN FMS®
IS A SYSTEM THAT MEETS
SPECIFIC REQUIREMENTS
AND ADAPTS AS THEY CHANGE**

Prima Power's SYSTEM technology provides flexibility beyond our own range of machines and cells. The standard Prima Power interface allows also the integration of other suppliers' machines in the system.

STORAGE SOLUTIONS

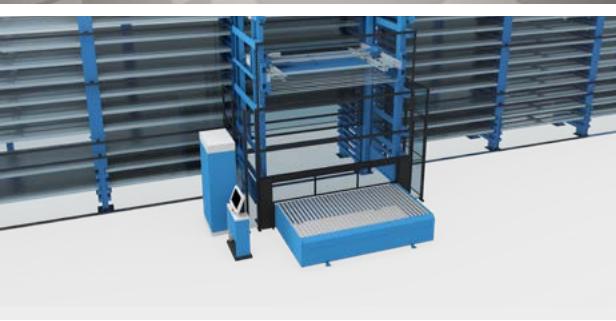
LEVEL UP YOUR CAPACITY AND FLEXIBILITY
WITH OUR AUTOMATED STORAGE SOLUTIONS

- 1 Automate the **material flow**
- 2 Make different materials **available** whenever needed automatically and without delays
- 3 Serve as **intermediate storage** for ready components and as a buffer



FAST LOADING STORAGE

A fast and economical solution for material flow. Ideal for fast material changes during production. The first block of a Night Train.



FAST LOADING DEVICE

Fast Loading Device connects machines to automated storages. Fast Loading Device enables fast availability of different materials for production where batches are small and material changes continuously.



COMBO TOWER

A flexible storage solution for automating the material flow. It makes different materials available whenever needed automatically and without delays; it can also serve as an intermediate storage for ready components and as a buffer.



COMBO TOWER LASER

A key module to automate material flow. It makes different materials available whenever needed automatically and without delays; it can also serve as intermediate storage for ready cut components along with skeleton.

FAST LOADING STORAGE AND DEVICE

Fast Loading storage and Fast Loading Device enable fast availability of different materials for kit production or when the batches are small. Materials can be changing continuously, which is typical e.g. when manufacturing doors and steel furniture.

The key elements of Fast Loading storage and Device are always Night Train shelving unit and Fast Loading Device itself. FL storage can serve as an independent storage or connected to a bigger Night Train FMS® system.

Fast Loading storage unit has three loading positions, where sheet bundles on cassettes can be brought with a forklift. FLD gripper can pick up sheet material directly from any cassette on loading position and deliver sheet material either directly to machine connection or store materials to cassettes on fixed positions in the shelving unit. Fast Loading Device is always connected directly to Night Train FMS® system and FLD can load material directly from any shelf of Night Train FMS® storage.

FL storages are available in different heights and with material positions from five to twelve.



[Visit our website](#)

More of FL storage
on our website



[Visit our website](#)

More of FL Device
on our website



COMBO TOWER

FLUENT MATERIAL FLOW AND A LARGE STORAGE CAPACITY



Combo Tower is a flexible storage solution for automating the material flow. It makes different materials available whenever needed automatically and without delays; it can also serve as an intermediate storage for ready components and as a buffer.

[MORE CAPACITY WITH TWO SHELVING UNITS](#)

There can be one or two shelving units in the Combo Tower storage and height can be chosen as needed.

When fast response time for material change is needed, a highly productive optional feature is available for loading single sheets with a special gripper to the machine cells equipped with loading device LD connection to Combo Tower.

Combo Tower integration provides also an optimal solution for lights-out production.



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More of Combo Tower
on our website

COMBO TOWER LASER

THE KEY MODULE TO AUTOMATE MATERIAL FLOW
WITH 2D LASER MACHINES



Combo Tower Laser is a flexible storage system with integrated loading and unloading features for 2D lasers.

Combo Tower Laser is a key module to automate material flow. It makes different materials available whenever needed automatically and without delays; it can also serve as intermediate storage for ready cut components along with skeleton.

[MORE CAPACITY WITH TWO SHELVING UNITS](#)

There can be one or two shelving units in the Combo Tower Laser storage and height can be chosen as needed. When the second shelving unit is added, also other technologies can be connected to Combo Tower Laser.

Combo Tower Laser also provides an optimal solution for lights-out production.



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[Find out more](#)



COIL HANDLING SYSTEM

HIGH PRODUCTIVITY AND FLEXIBILITY
WITH MONEY SAVINGS



Optimize your sheet metal fabrication processes with Prima Power's comprehensive coil line solutions. Our portfolio includes single coil line solutions, multicoil solutions, and efficient coil storage options. Experience seamless operations with multicoil setups, ensuring swift access to the right materials and rapid material changes.

Our coil lines seamlessly integrate with machines or storage systems, enabling continuous material feeding across multiple machines and automatic

management of inventory levels. Prima Power's NC Express automatic coil nesting guarantees precise sheet sizes and maximizes material utilization rates.

Enjoy the flexibility of processing various sheets, each tailored to meet specific requirements. Enhance your fabrication efficiency with our advanced coil solutions, designed to optimize productivity and material management.

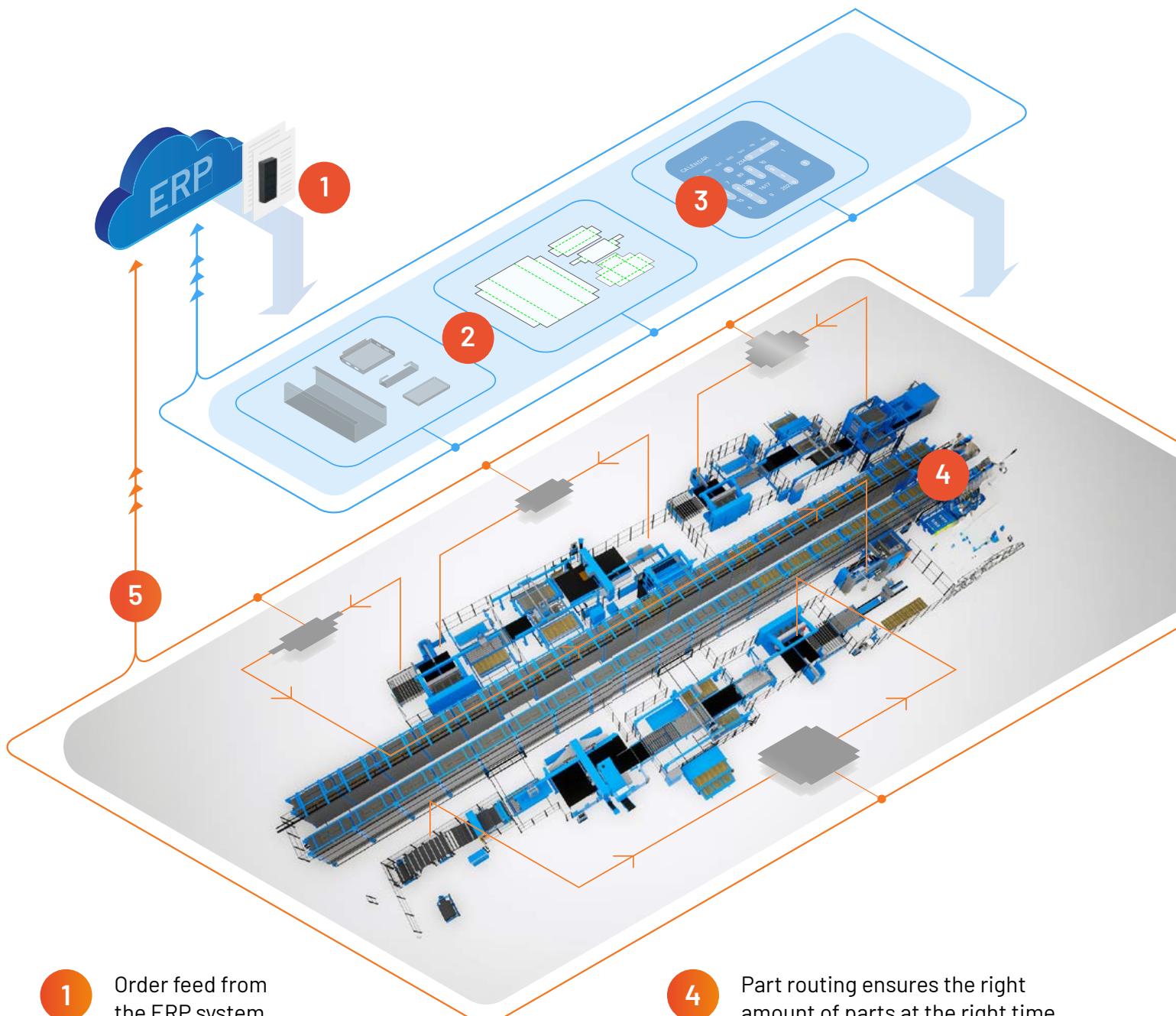


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SOFTWARE

EASY AND INTUITIVE PROGRAMMING



1 Order feed from the ERP system

2 3D assembly processing

3 Factory load planning in advance or on-the-go

4 Part routing ensures the right amount of parts at the right time

5 Real-time status reporting to the ERP system

SOFTWARE

EASY AND INTUITIVE PROGRAMMING



TULUS® OFFICE BASIC

With the Basic version of Tulus® Office you can plan and control machine capacity. You get also Lite feedback reporting of your production to ERP and in case of automated storages you get inventory view.

Designed for controlling machine operations from the office without physical presence of operator.

TULUS® OFFICE CLASSIC

With the Classic version of Tulus® Office you get all the features and benefits of the Basic version plus a two way EPR interface, and deep integration to NC Express CAM.

Designed for running order-based production with capabilities to follow up status of workshop orders. Includes Tulus® Terminal features for manual workstep controlling, factory logistic operations, and machine status view via web browser.

TULUS® OFFICE PREMIUM

Same functions as Tulus® Office Classic, but includes also capabilities for automated generation of order based NC-programs. Easy order combination, kit programming, parametric mass production and much more.

Designed for variating mass production and for full control of your Prima Power machinery.

TULUS® ANALYTICS

Tulus® Analytics is a tool for turning your production data into graphical format. Synchronizing with machines databases it's showing machine availabilities, material usage, produced parts and orders. Also it helps to find root causes of machine downtimes or idle times.

Designed for getting fast overall picture of your production to supervisors or production managers.



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Find out more



INDUSTRY 4.0

THE FUTURE OF MANUFACTURING

We want our customers to be main players of a new era in the history of manufacturing. To help you fully capture the experience of Industry 4.0 and unleash the business potential of digital manufacturing, Prima Power has built a unique Industry 4.0 solution offering in three key areas:

- Smart Machines & Factories
- Smart Software
- Smart Remote Care

SMART MACHINES & FACTORIES

Prima Power Smart Machines and automated factories can collect real-time and historical parameter data through sensors and cameras to maximize machine performance, enhance efficiency and flexibility.

SMART SOFTWARE

The Prima Power Smart Software family is a comprehensive portfolio of modular software-based systems that enable seamless production information flow, connectivity to ERP and MES through storing machine-generated data in the cloud.

SMART REMOTE CARE

Prima Power Smart Remote Care is a data-driven analytics and predictive maintenance service that improves machine availability, takes care of your production performance analysis, and monitors machine status and condition to ensure the highest possible machine performance.

LIFE-CYCLE SUPPORT



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CUSTOMER-FOCUSED APPROACH THAT
TARGETS YOUR PRODUCTIVITY CHALLENGES

ANALYZE & ADVISE

- PROCESS ANALYSIS
- FEASIBILITY AND CYCLE TIME STUDY
- PRODUCTION FLOW SIMULATION
- FACTORY AND ERP INTEGRATION ANALYSIS
- MODULAR SOLUTION SELECTION



SET-UP & TRAIN

- SOLUTION SETUP
- PRODUCTION START-UP
- TRAINING
- PROCESS OPTIMIZATION
- PRODUCTION RAMP-UP



EVOLVE & INTEGRATE

- SOLUTION UPGRADE AND SCALE-UP
- SOFTWARE UPGRADE
- REFURBISHMENT
- PRIMA POWER ACADEMY
- RELOCATION

ASSIST & MAINTAIN

- PREVENTIVE MAINTENANCE
- SERVICE AGREEMENTS
- IN-FIELD, PHONE & REMOTE SUPPORT
- SPARE PARTS & TOOLS
- SPECIALIZED TECH SUPPORT

PRIMA POWER'S GLOBAL PRESENCE

EMPOWERING MARKETS THROUGH STRATEGIC CONNECTIONS

Prima Power's global presence embodies its dynamic approach and unwavering focus on customers. With a widespread industrial and sales and service footprint, the company strategically positions itself where it's needed most. A connection rooted in decades of knowledge and expertise enables Prima Power to truly understand and support the unique needs of each market and industry.

~400 SERVICE
ENGINEERS

15,000+ INSTALLED
MACHINES

5 R&D AND PRODUCTION
PLANTS

AMERICAS

1 PLANT
2 TECH CENTERS



Find out where
we are
closest to you



Send us your request
or start a live chat

SEMEA

1 HEADQUARTERS
2 PLANTS
2 TECH CENTERS

NORTH EUROPE

1 PLANT
2 TECH CENTERS

APAC

1 PLANT
1 TECH CENTER

PLANT AND R&D CENTER



Stay up to date
with our activities





2D & 3D LASER CUTTING | BENDING | PUNCHING & SHEARING | AUTOMATION | SOFTWARE | FMS

*Partner with the knowledge and dynamism of Prima Power. **Evolve by integration***