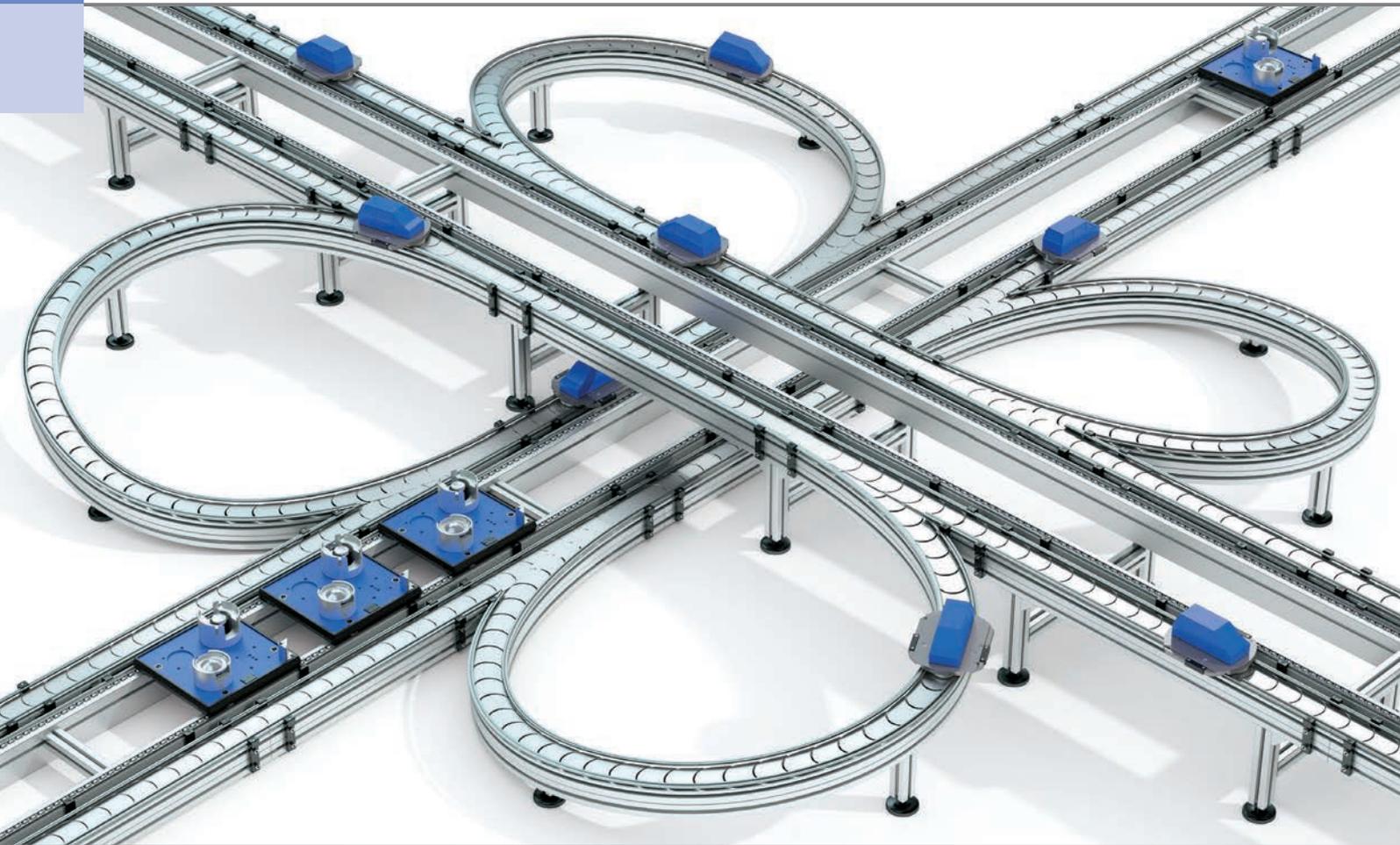




Schnaithmann



Partner of the best 

Modular Transfer Systems for Efficient Processes

Simply clever and cleverly simple.

Efficiency benefits at a glance

Efficiency Plus:

INDIVIDUALITY

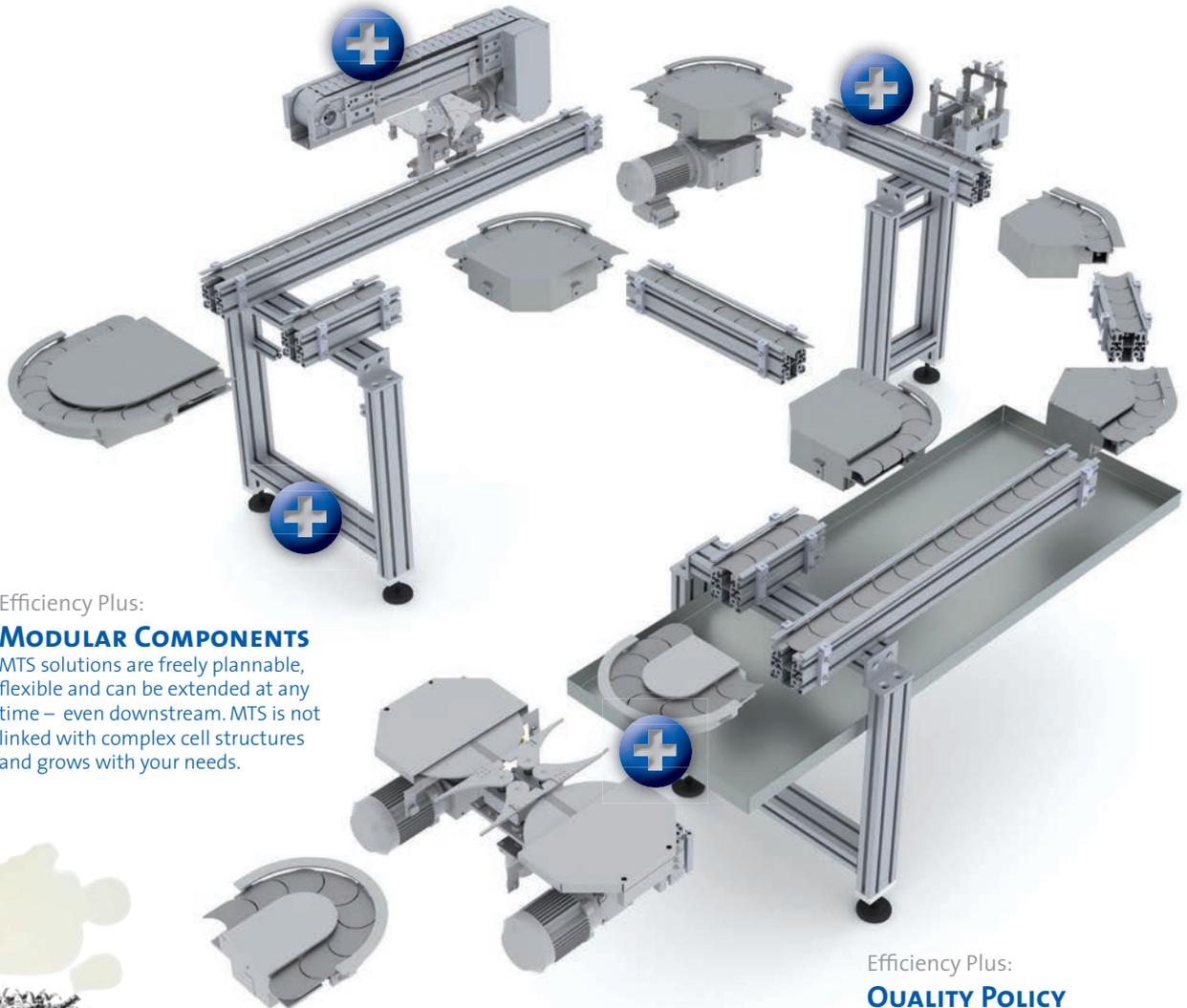
Your needs are our job: We will offer the right solution, both for offline and inline operation.

Efficiency Plus:

AVAILABILITY

With an extensive product range of individual components in our warehouse, we provide short lead times and therefore save you time.

24 hours



Efficiency Plus:

MODULAR COMPONENTS

MTS solutions are freely plannable, flexible and can be extended at any time – even downstream. MTS is not linked with complex cell structures and grows with your needs.

Efficiency Plus:

QUALITY POLICY

The high quality of our products stems from the high quality of the individual components. Long life and minimum wear are accordingly the result of our quality policy.

Machine Tool Sector

More than a considered transfer system for the machine tool sector: Specially for the extreme factors around machine tool manufacturing, such as chips, dirt, emulsion and oil, we have developed a perfectly tailored system. **For improved flexibility and shorter downtimes.**



Our symbol means your advantage:
the Schnaithmann Efficiency Plus
symbol stands for the advantages
our products and services offer you.

Efficiency Plus:

COMPETENCE

Since 1985, we have been offering our clients high quality products and innovative solutions. This experience is paying off and flows into every new development.

Efficiency Plus:

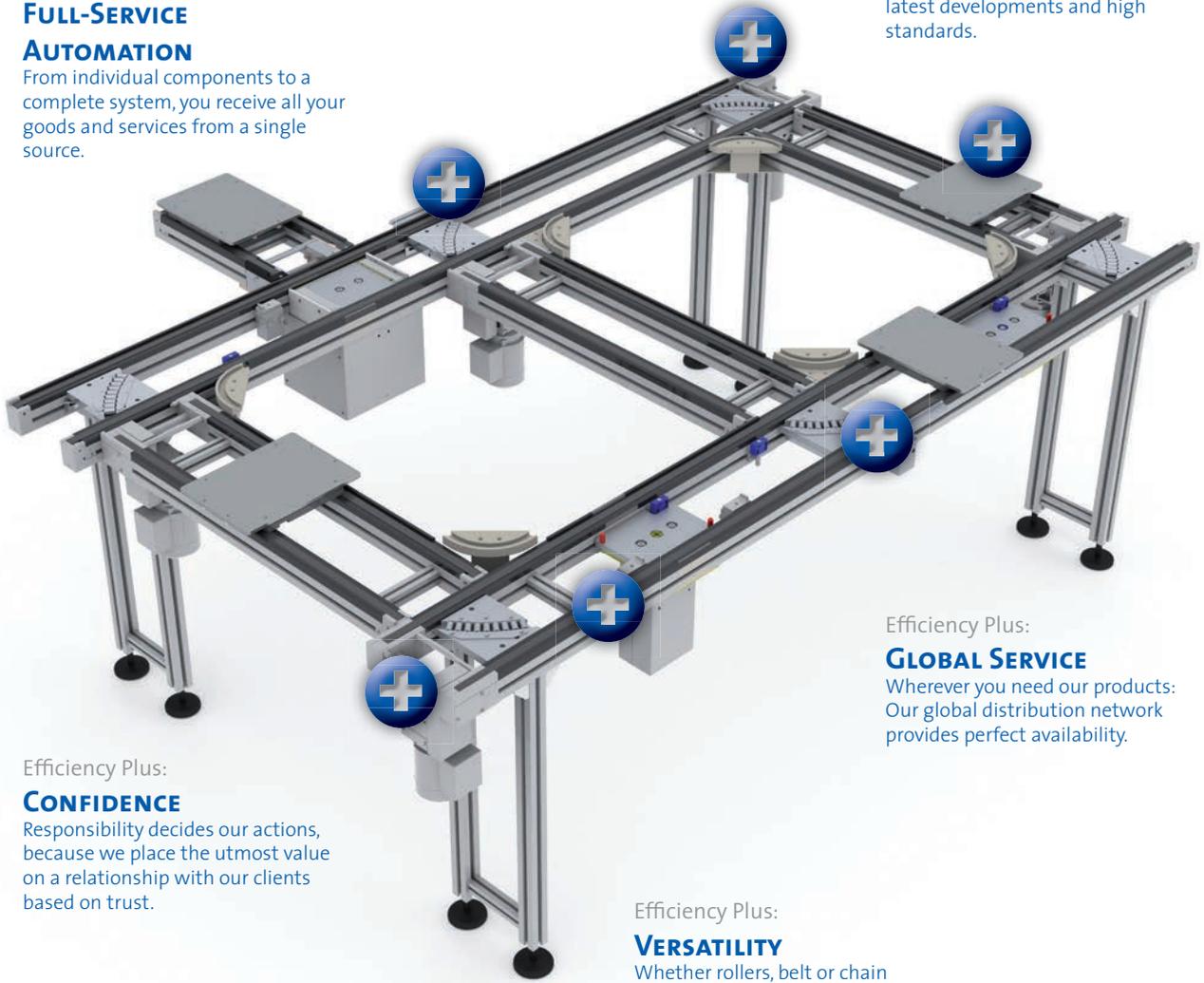
INNOVATIONS

Numerous cooperative programs with technical colleges and independent institutions for the latest developments and high standards.

Efficiency Plus:

**FULL-SERVICE
AUTOMATION**

From individual components to a complete system, you receive all your goods and services from a single source.



Efficiency Plus:

GLOBAL SERVICE

Wherever you need our products: Our global distribution network provides perfect availability.

Efficiency Plus:

CONFIDENCE

Responsibility decides our actions, because we place the utmost value on a relationship with our clients based on trust.

Efficiency Plus:

VERSATILITY

Whether rollers, belt or chain conveyors: Choose your ideal dual track system from a versatile product range in a variety of sizes.

Assembly Sector

Schnaithmann's building block principle can hardly be bettered for versatility: Vary your production with flexible modular systems which can be adjusted at any time to meet your needs and your desired degree of automation. **Simply clever and cleverly simple.**



Enhanced automation

Your success factor in modern material flow management:

MTS | Modular transfer systems. You will find that we have the right conveyor system for any requirement – stable, reliable, flexible in use, easy to maintain and that can be integrated into any production or logistics concept. Even the most demanding chain system projects are feasible with our alternatives and components, proven in practice over many years. With modular transfer systems, you have a high degree of safety with your planning and the quality of the individual components also gives you commercial benefits on which you can rely.

By professionals for professionals: We complement our extensive product range with an excellent advisory service. We will also support you with your planning and CAD design. **Your needs are our job. Build on the competence and expertise of an experienced system provider.**

THE BENEFITS FOR YOU:

- ▶ PRODUCTION SECURITY
- ▶ SYSTEM COMPONENTS PROVEN IN PRACTICE
- ▶ AVAILABLE OFF THE SHELF
- ▶ STABILITY
- ▶ RELIABILITY
- ▶ FLEXIBILITY



MTS | 1



Belt conveyors BS1 – BS7, BS200

Transport medium

Belt, plastic link chain

Application/Transported goods

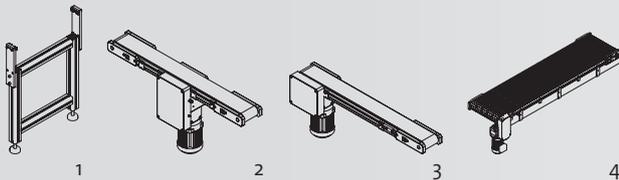
Transport of light goods and cartons. With or without workpiece carrier.



Workpiece direct or pallets and boxes of all shapes and sizes

Lower weights

Standard system extension modules



- 1 Support element
- 2 Conveyor belt, centre drive
- 3 Conveyor belt, front drive
- 4 Conveyor belt BS 200, front drive

Complete system produced to length and width: Belt conveyors run with centre or front drive

Friction roller tracks

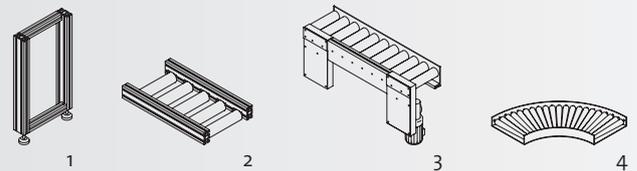
Rollers: plastic or steel, case-hardened to order

Material preparation and transport of containers, chests, cartons or sensitive workpieces.



Workpiece direct or pallets and boxes of all shapes and sizes

Heavier weights



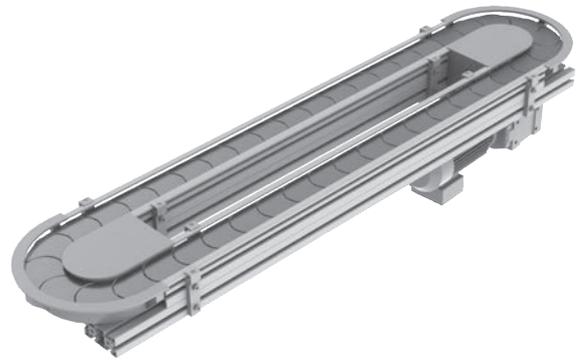
- 1 Support element
- 2 Roller track run
- 3 Roller track run, friction roller driven

- 4 90° curve
- 5 Lift transverse unit (without illustration)

MTS | 1
The transfer system for a variety of transport tasks



MTS | 2



Hinge chain conveyor BS37

Transport medium

Hinge chain: linear or curved, various widths

Application/Transported goods

Workpiece loading and unloading, preferably for the machine tool sector.



Workpiece direct



Heavier weights

Plate chain conveyor BS81, BS86

Plate chain: curved, two sizes

Transport of workpiece carriers, preferably for buffering, storage and linking of machine tools.



Workpiece carrier or workpiece direct



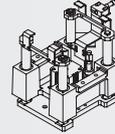
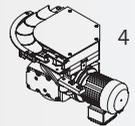
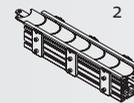
Heavier weights

Standard system extension modules



- 1 Support element
- 2 Stopper (without illustration)
- 3 Separator element (without illustration)
- 4 Positioning elements (without illustration)
- 5 Transverse slide (without illustration)

Complete system produced to length and width: Hinge chain run with steering element, centre or front drive

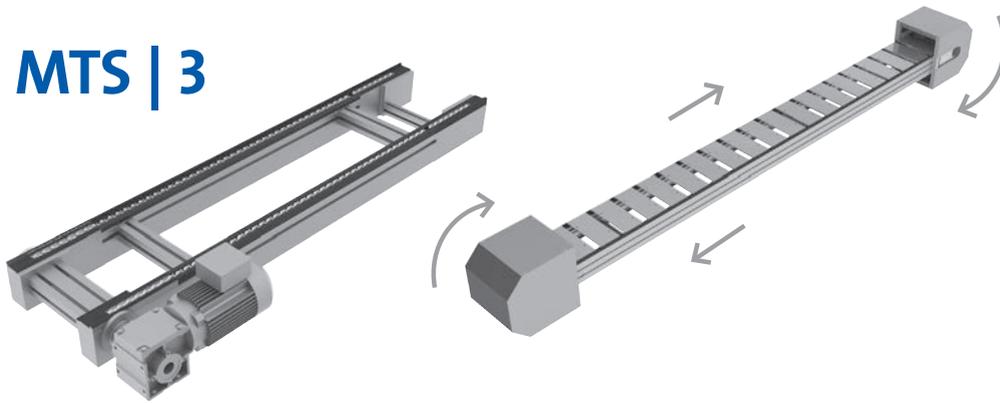


- 1 Support element
- 2 Plate chain run
- 3 90° steering element
- 4 90° steering element, driven
- 5 180° steering element
- 6 180° steering element, driven
- 7 Indexing element
- 8 Separator element
- 9 Workpiece carrier
- 10 Accumulation control system (without illustration)
- 11 Link switch (without illustration)
- 12 Connection switch (without illustration)

MTS | 2
The transfer system designed specially for the machine tool sector



MTS | 3



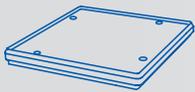
Dual track belts BS10 – BS100 + BS 300

Transport medium

Belt, toothed belt, accumulation roller chain and others

Application/Transported goods

Buffering, storage, decoupling and transporting workpiece carriers in assembly systems.

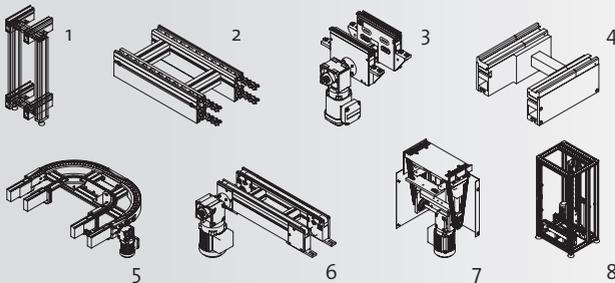


Workpieces on Euronorm workpiece carriers (codable)



Lower to heavier weights

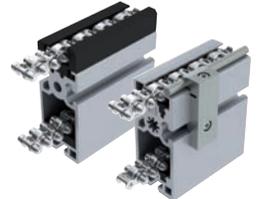
Standard system extension modules



- | | |
|---|---|
| 1 Support element | 8 Lift, pneumatic/motorised |
| 2 Transport run | 9 Indexing element (without illustration) |
| 3 Drive element, front or centre drive, clamping unit | 10 Accumulation control system (without illustration) |
| 4 Steering element | 11 Separator element (without illustration) |
| 5 180° curve with rollers | |
| 6 Transverse run | |
| 7 Lift transverse unit | |

BS 10/1 1/300 1/2" accumulation roller chain

max. 1500 N/m
max. 5000 N/motor
max. 10 m long



BS 20/21 Belt run with belt

max. 750 N/m
max. 2500 N/motor
max. 10 m long



BS 30 Belt run with toothed belt

max. 500 N/m
max. 2500 N/motor
max. 3 m long



BS 50 Duplex chain

max. 1500 N/m
max. 5000 N/motor
max. 10 m long



BS 60 Hinge belt chain with plastic bearings

max. 750 N/m
max. 2500 N/motor
max. 10 m long



BS 100 3/4" accumulation roller chain

max. 1850 N/m
max. 9000 N/motor
max. 10 m long



MTS | 3
The transfer system designed specially for the assembly sector



Schnaithmann Full-Service Automation



System Solutions	Product Solutions	Services
Assembly and Automation <ul style="list-style-type: none">> Production lines> Assembly systems> Assembly stations> Robot cells	Modular Transfer Systems <ul style="list-style-type: none">> Double-track belts> Chain conveyors> Friction roller conveyors> Belt conveyors	<ul style="list-style-type: none">> Application consulting> Planning> Construction> Hardware and software> Documentation <hr/> <ul style="list-style-type: none">> Own production> High availability> Logistics <hr/> <ul style="list-style-type: none">> On-site commissioning> Maintenance> Global service
Material Flow and Handling <ul style="list-style-type: none">> Materials handling engineering> Handling systems> Workpiece processing> Process chains	Flexible Profile Systems <ul style="list-style-type: none">> Aluminum profile systems> Kanban systems> Workstations> Safety systems	

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