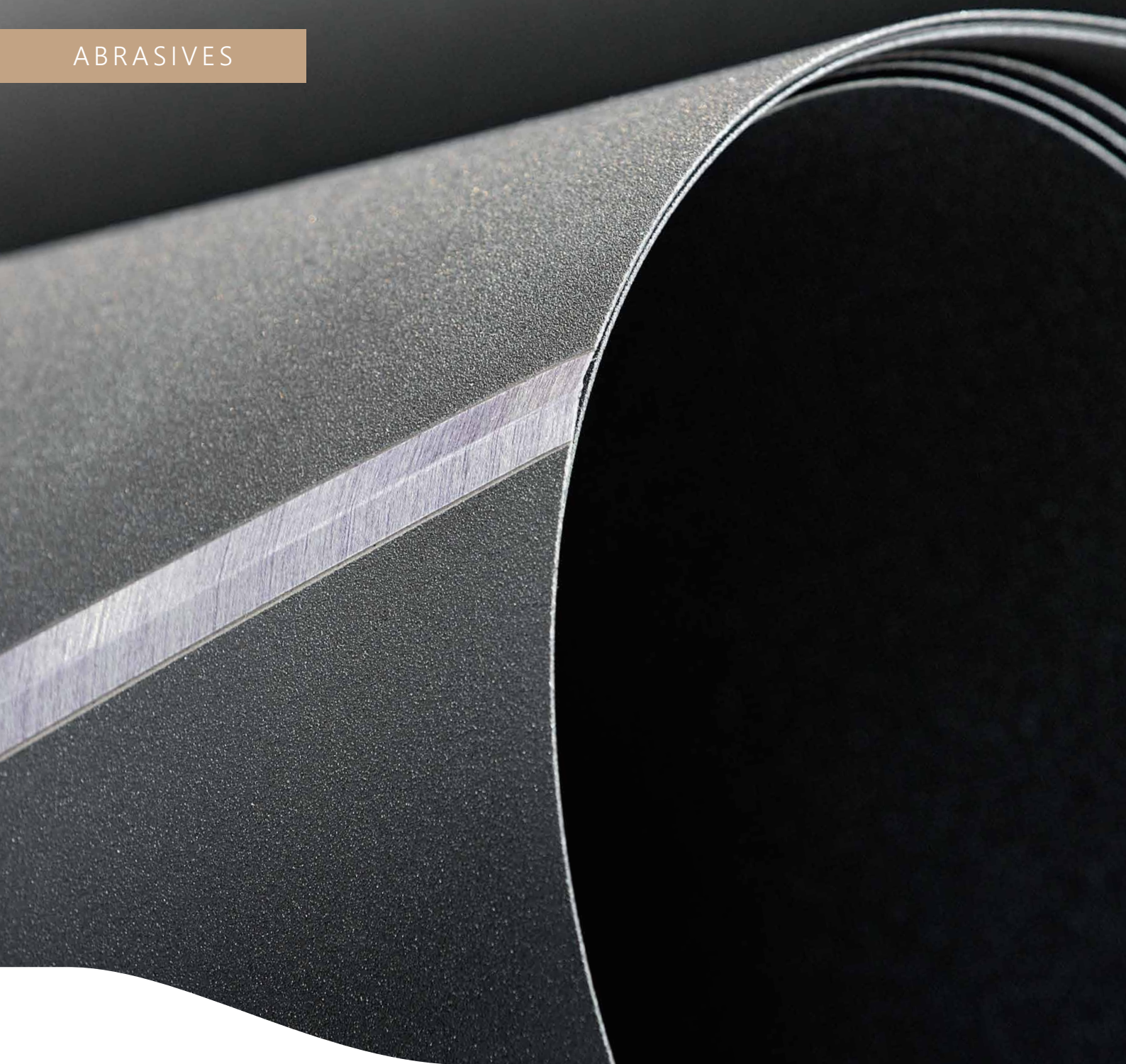


ABRASIVES



steinemann

Abrasives

The interplay between sanding machine, belt and platen is a critical success factor in the overall sanding process and, when all three work together perfectly, it leads to excellent results. Steinemann has developed its own range of abrasives and accessories, proven in practice and continuously perfected over many years, and is therefore able to provide customers with a complete sanding system.

WE RECOMMEND:

**80-90% STOCK REMOVAL
CALIBRATION UNIT**

**TSQ POLYESTER
COMBINATION**



ABRASIVES

QUALITY

- Open coating for calibration
- sanding creates chip space
- Uniform grain structure for a scratch-free surface after fine sanding
- Antistatic belt design

AVAILABILITY

- Short delivery periods thanks to multiple assembly locations
- Optimised joints
- Products under constant development

PROFITABILITY

- Not sensitive to grain shedding in the event of handling errors thanks to tight fabric structure and uniform coating
- Perfect interplay with the machine results in optimal output quality

APPLICATIONS

HDF/MDF



Particle board



Solid wood

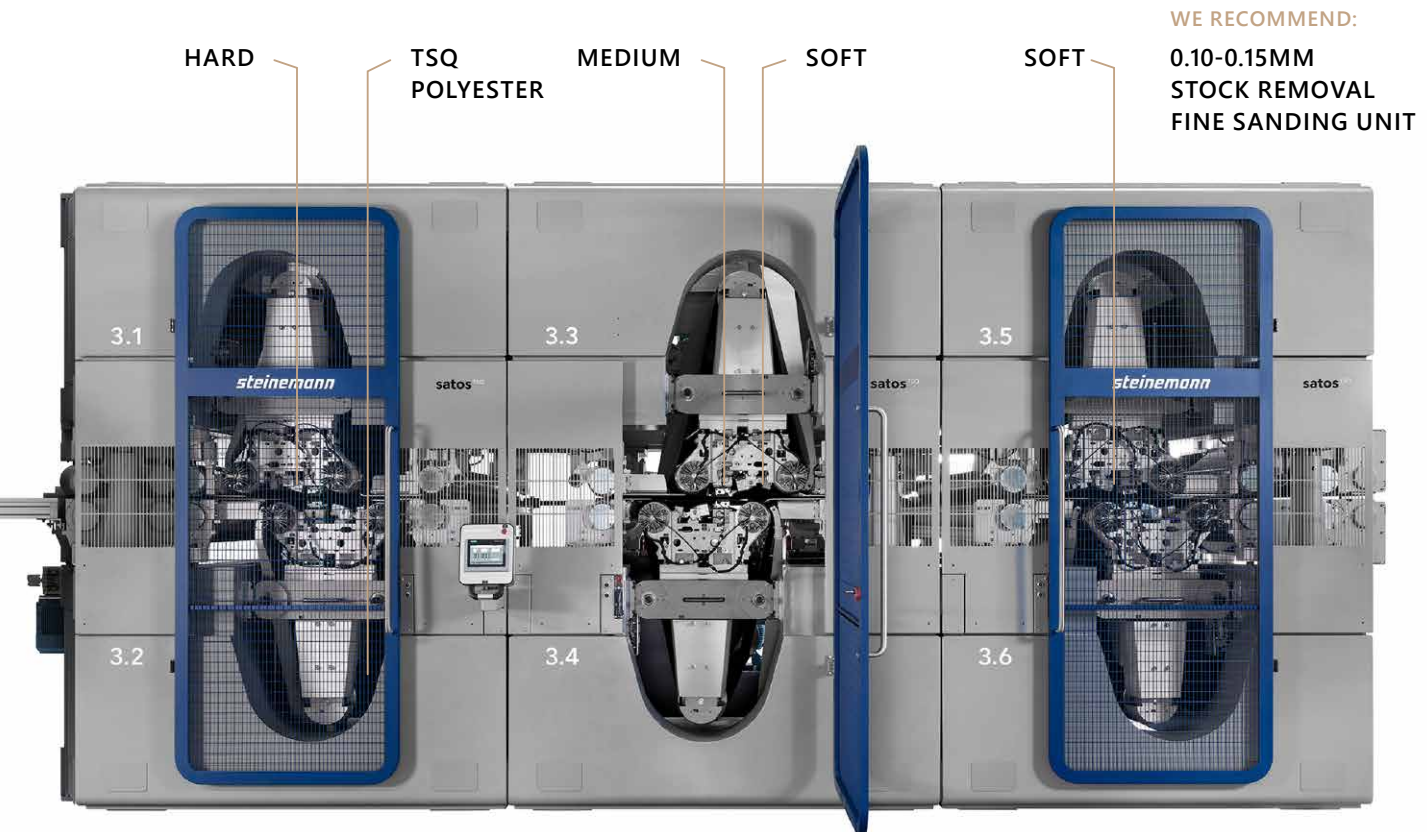


Plywood



Sprint System

This all-in-one system, meaning the permanently installed Sprint Platen in combination with the replaceable Sprint Insert, gives customers a dual advantage: The setup time as well as the changing time are substantially reduced. They can achieve even greater consistency and precision in their sanding process with this innovative concept from Steinemann.



SPRINT SYSTEM

QUALITY

- Excellent panel surfaces
- Extremely low thickness tolerances
- Dissipates static charges

AVAILABILITY

- Short changeover times
- Constant quality
- Eliminates assembly errors

PROFITABILITY

- Short setup time
- Fast changing system
- Insert is reusable

TYPES

SOFT



MEDIUM



HARD



Tools

Steinemann takes a proactive approach to implementing customer requirements. Additional tools help customers to accelerate and simplify the management of the sanding process. Our practical, proven tools, such as the belt introduction trolley, our training videos and the Steinemann App, all have one thing in common: They shorten machine downtime, facilitate the work of machine operators and therefore increase the efficiency of the sanding process.



BELT INTRODUCTION TROLLEY

- Faster belt replacement
- Simplified introduction
- Prevents damage
- Shorter machine downtimes
- Requires fewer staff

CLEANING BELT

- For cleaning of a clogged contact drum profile
- Backing: Polyester
- Abrasive grain: Silicon carbide
- Tensile strength: 170 N/cm²
- Width: 1 950–3 300 mm
- Length: 2 800–3 540 mm
- Belt properties: Antistatic, strong backing

EXTENSION

- Faster belt insertion
- Simplified centring
- Prevents damage
- Protection of temperature sensors

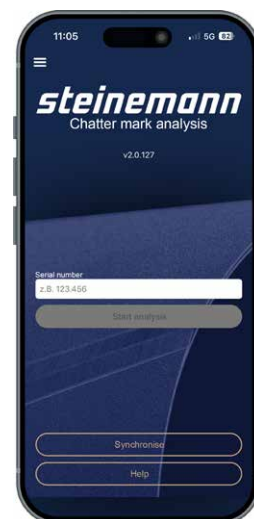
INSTRUCTIONAL VIDEOS

- <https://bit.ly/2Ovooe5>



STEINEMANN APP

- Chatter mark causes
- Chatter mark analysis
- Deduction of corrective action recommendations



Know-how

Steinemann's know-how encompasses the entire sanding process and extends far beyond technical application, workmanship and manufacturing. Our customers benefit from coordinated services and sound process expertise, which we share with them in our training programs. At our headquarters in Switzerland, Steinemann has invested in a modern training centre as well as sophisticated systems for surface analysis.

PANEL ANALYSIS	BASIC ¹	STANDARD ²	PREMIUM ³
Surface analysis	•	•	•
Quality assessment	•	•	•
Measuring of the surface density		•	•
Recommendations for optimising the sanding process		•	•
Analysis of the thickness and density distribution			•
Detailed recommendations for increasing panel quality			•
Information on raw panels			•
Influence of the quality of raw panels on the sanding process			•

- ¹ You send your sanded panels to us (with production data)
² You send your unsanded and sanded panels to us (with production data)
³ You send your unsanded panels or complete panels including sanding imprints to us (with production data)

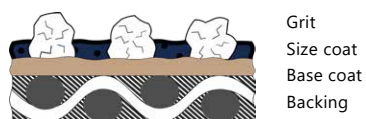


Sanding belts

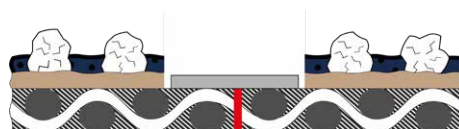
TSQ sanding belts are specially developed for use in modern wide belt sanding machines and offer a reliable combination of performance and durability. Antistatic backings and long-lasting silicon carbide abrasive grains ensure uniform and repeatable results in calibration and fine sanding. The belts are suitable for MDF, HDF, hardboard, LDF, particleboard and solid wood. Precisely defined belt dimensions, high tensile strength and stable joints enable TSQ polyester and TSQ combi belts to deliver consistently high surface quality and cost-efficient processing over the entire service life.



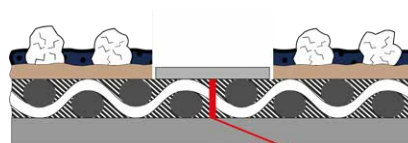
Belt structure



Belt joint TSQ-Polyester



Belt joint TSQ-Combi



SANDING BELT	POLYESTER Z SIC	KOMBI S SIC
Backing	Polyester	Paper/cloth combination
Abrasive grain	Silicon carbide	
Width	1600 - 3400 mm	
Length	2620 - 4000 mm	
Tensile strength	min 120 N/cm ²	
Applications	Calibration, fine grinding	
Belt properties	antistatic, strong backing, long service life	
Area of application	HDF/MDF, particle board, solid wood, plywood	
Grit sizes	P036 – P220	P040 – P150

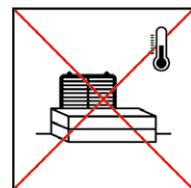
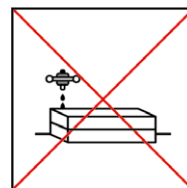
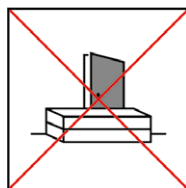
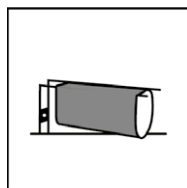
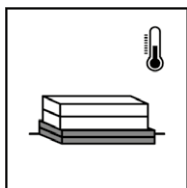
POLYESTER-Z SIC



COMBI-S SIC



STORAGE CONDITIONS



- Store in original packaging
- Do not store on concrete or stone floors
- Store on shelving or pallets possible
- Hang belts for storage if possible
- Relative humidity 30 – 65 %
- Temperature: 15 – 30° C

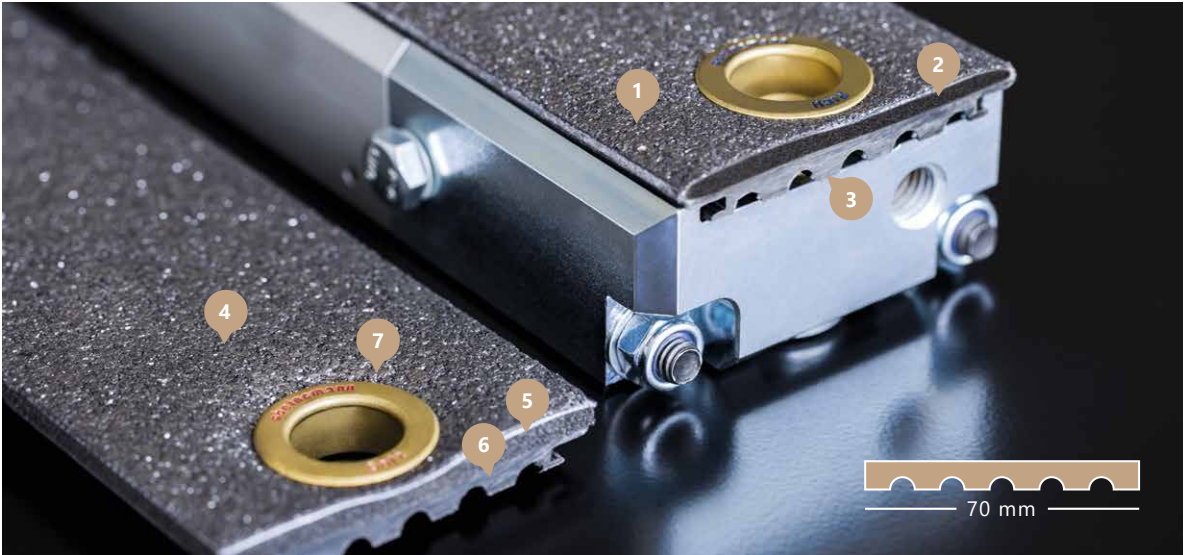
- Do not store near passageways or building outlets, such as doors or gates
- Avoid extreme temperatures and moisture
- Do not store near heat sources
- Stored under proper conditions, belts have a storage life of minimum 24 months

ABS Sprint System

The ABS Sprint System is a proven sanding platen system for industrial wide belt sanding and stands out for its robust and well-engineered design. High-quality graphite sliding surfaces ensure a smooth and even sanding process, while durable inserts made of PES or foam deliver stable and repeatable results. The constant contact width increases process reliability, and the integrated discharge of electrostatic charges supports dependable operation. At the same time, the system is easy to handle and allows straightforward disposal of the inserts.

INSERT TYPES	LAYER STRUCTURE	DIMENSIONS		
HARD	Graphit PES – Polyester / Polypropylen ABS – Acrylnitril-Butadien-Styrol	Contact area 70 mm / 55 mm	Machine width 1300 – 3430 mm	
MEDIUM	Graphit FOAM-M Polyurethan ABS – Acrylnitril-Butadien-Styrol	Contact area 70 mm / 55 mm	Machine width 1300 – 3430 mm	
SOFT	Graphit FOAM-A Polyurethan ABS – Acrylnitril-Butadien-Styrol	Contact area 70 mm / 55 mm	Machine width 1300 – 3430 mm	

LAYER STRUCTURE



Layer structure: Hard

- 1 Graphite
- 2 PES – Polyester / Polypropylene
- 3 ABS – Acrylonitrile butadiene styrene

Layer structure: Soft

- 4 Graphite
- 5 FOAM – Polyurethane
- 6 ABS – Acrylonitrile butadiene styrene
- 7 Static charge dissipated via conductive, graphite top layer, brass grommet and standard insert mount.

ORDER SUMMARY

ABS-INSERT HARD			
Art. Nr.	Beschreibung	PU	Maschinenbreite
7035959	HARD 13	PU10	13
7035960	HARD 16	PU10	16
7035961	HARD 19	PU10	19
7035962	HARD 22	PU10	22
7035963	HARD 26	PU10	26
7035964	HARD 28	PU10	28
7035965	HARD 32	PU10	32

ABS-INSERT MEDIUM			
7037186	MEDIUM 13	PU10	13
7037057	MEDIUM 16	PU10	16
7037187	MEDIUM 19	PU10	19
7037056	MEDIUM 22	PU10	22
7037188	MEDIUM 26	PU10	26
7037058	MEDIUM 28	PU10	28
7037059	MEDIUM 32	PU10	32

ABS-INSERT SOFT			
7035967	SOFT 13	PU10	13
7035966	SOFT 16	PU10	16
7035968	SOFT 19	PU10	19
7035969	SOFT 22	PU10	22
7035970	SOFT 26	PU10	26
7035971	SOFT 28	PU10	28
7035972	SOFT 32	PU10	32

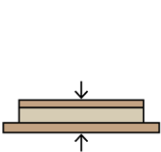
ABS-PLATEN STEINEMANN			
6015388	PLATEN 13	PU1	13
7026099	PLATEN 16	PU1	16
6015390	PLATEN 19	PU1	19
7021948	PLATEN 22	PU1	22
6015392	PLATEN 26	PU1	26
7021947	PLATEN 28	PU1	28
7021946	PLATEN 32	PU1	32

ABS-PLATEN IMEAS			
-	PLATEN 13	PU1	13
-	PLATEN 16	PU1	16
7000334	PLATEN 19	PU1	19
7000463	PLATEN 22	PU1	22
7001670	PLATEN 26	PU1	26
7000351	PLATEN 28	PU1	28
7004269	PLATEN 32	PU1	32

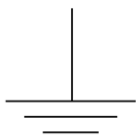
TSQ Sprint System

The TSQ Sprint System is a proven sanding platen system designed for achieving top surface quality. The enlarged contact area and optimized pressure distribution ensure an even and clean finish across the entire workpiece surface. Carefully matched inserts provide consistently high quality while reducing thickness tolerances. At the same time, the carrier material made of reinforced paper supports resource-efficient use and environmentally friendly recycling.

ADVANTAGES OF THE TSQ SPRINT SYSTEM



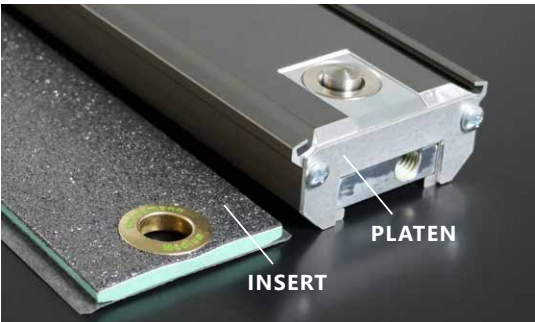
Optimized thickness tolerance



Electrostatic discharge



Environment-friendly



AT A GLANCE

TSQ PLATEN

- Robust and durable
- Easy handling
- Magnetic quick lock system
- Electrostatic discharge

TSQ INSERT

- Better surface quality
- Highest parallelism
- Easy disposal
- Significant reduction of used plastic

INSERT TYPES	LAYER STRUCTURE	DIMENSIONS		
HARD	Graphit PES – Polyester / Polypropylen SRC – Super Reinforced Composite	Contact area 70 mm	Machine width 1300 – 3430 mm	
MEDIUM	Graphit FOAM-M Polyurethan SRC – Super Reinforced Composite	Contact area 70 mm	Machine width 1300 – 3430 mm	
SOFT	Graphit FOAM-A Polyurethan SRC – Super Reinforced Composite	Contact area 70 mm	Machine width 1300 – 3430 mm	

ORDER SUMMARY

TSQ-INSERT HARD			
Art. Nr.	Beschreibung	PU	Maschinenbreite
7035973	HARD 13	PU20	13
7035974	HARD 16	PU20	16
7035975	HARD 19	PU20	19
7035976	HARD 22	PU20	22
7035977	HARD 26	PU20	26
7035978	HARD 28	PU20	28
7035979	HARD 32	PU20	32

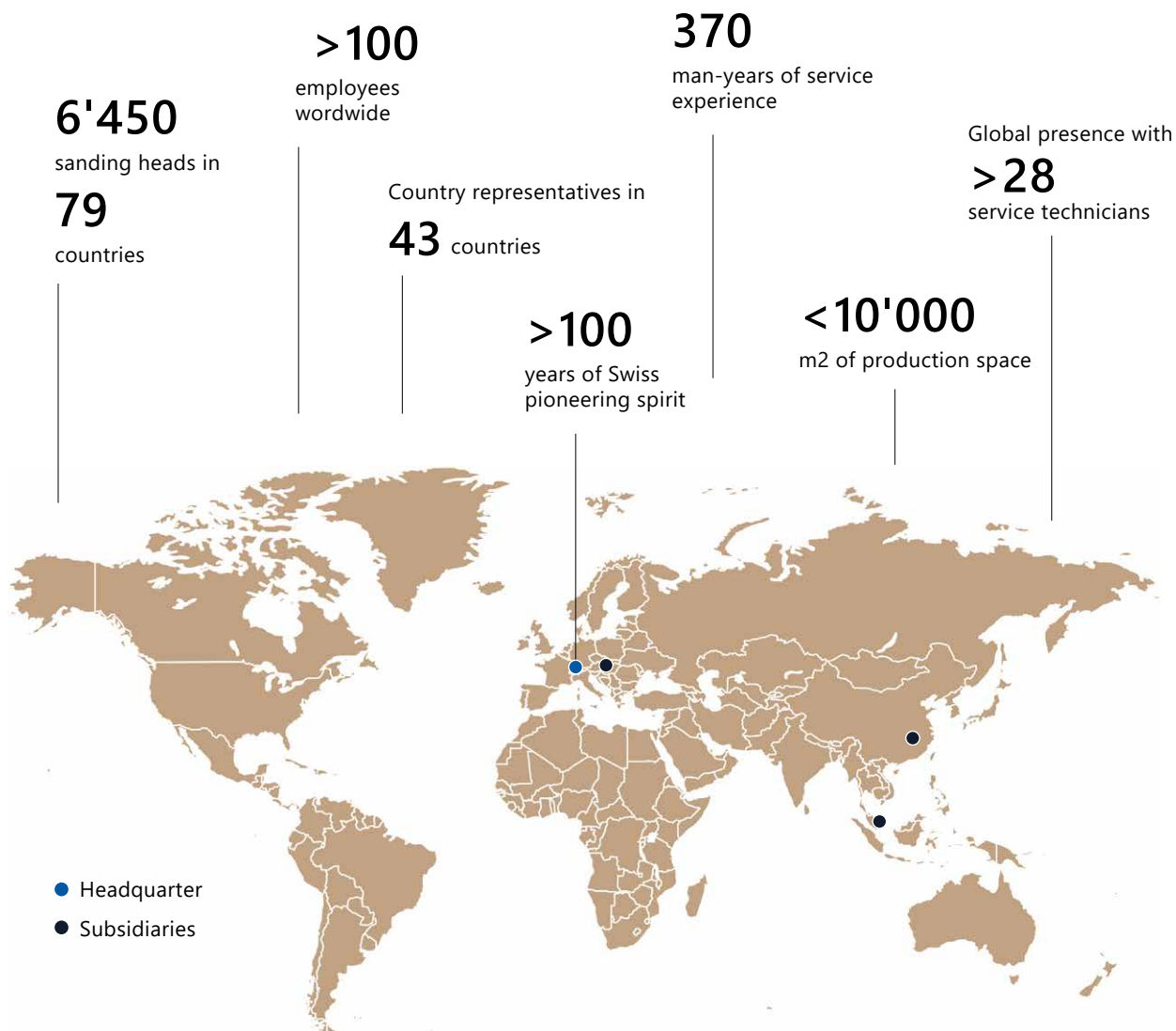
TSQ-INSERT MEDIUM			
7035987	MEDIUM 13	PU20	13
7035988	MEDIUM 16	PU20	16
7035989	MEDIUM 19	PU20	19
7035990	MEDIUM 22	PU20	22
7035991	MEDIUM 26	PU20	26
7035992	MEDIUM 28	PU20	28
7035993	MEDIUM 32	PU20	32

TSQ-INSERT SOFT			
7035980	SOFT 13	PU20	13
7035981	SOFT 16	PU20	16
7035982	SOFT 19	PU20	19
7035983	SOFT 22	PU20	22
7035984	SOFT 26	PU20	26
7035985	SOFT 28	PU20	28
7035986	SOFT 32	PU20	32

TSQ-PLATEN STEINEMANN			
7024582	PLATEN 13	PU1	13
7030576	PLATEN 16	PU1	16
7024584	PLATEN 19	PU1	19
7030536	PLATEN 22	PU1	22
7024586	PLATEN 26	PU1	26
7030531	PLATEN 28	PU1	28
7030578	PLATEN 32	PU1	32

Steinemann worldwide

With the panel manufacturing industry becoming increasingly global, Steinemann is at home all over the world. Our dense network of branch offices and agencies enables us to provide rapid and reliable support for customers.



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