

TECHNICAL REGULATIONS ON INDUSTRIAL SAFETY

TRBS SOLUTIONS 2121



 scafom-rux

BASIC SET

MSG BRACKET WITH SUPER GUARDRAIL POST* UND SUPER PRINCIPAL GUARDRAIL*



- Most inexpensive alternative
- Guardrail posts and principal guardrails from existing material
- For all bay lengths
- Tool-free fitting
- Principal guardrail is fitted from a secured level into the scaffold where it remains

MSG bracket
Art. No. 05528

- **Lightweight**
- **Simple handling**
- **Low investment**
- **Guardrails and posts from existing material**
- **Robust**
- **Space-saving**

EXTENSION SET

MSG BRACKET WITH MSG GUARDRAIL POST AND SUPER PRINCIPAL GUARDRAIL*



- MSG post can be quickly fitted as a standard guardrail post
- Principal guardrails from existing material
- For all bay lengths
- Tool-free fitting
- Principal guardrail is fitted from a secured level into the scaffold where it remains

MSG guardrail post
Art.-No. 05529

MSG bracket
Art.-No. 05528

- **Lightweight**
- **Simple handling**
- **Guardrails from existing material**
- **Rapid fitting**
- **Robust**
- **Space-saving**

... ALSO AVAILABLE FOR FRAMESCAFF!

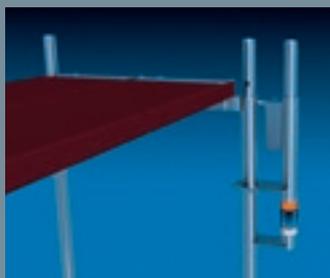


- Principal guardrails from existing material
- For all bay lengths

MSG guardrail post
Art.-No. 05541

MSG bracket
Art.-No. 05527

* POSSIBLY FROM EXISTING MATERIAL



Simple fitting, no tools needed!

Both the bracket (illustration left) as well as the MSG post are simply hooked into the scaffolding – no additional tools are required!

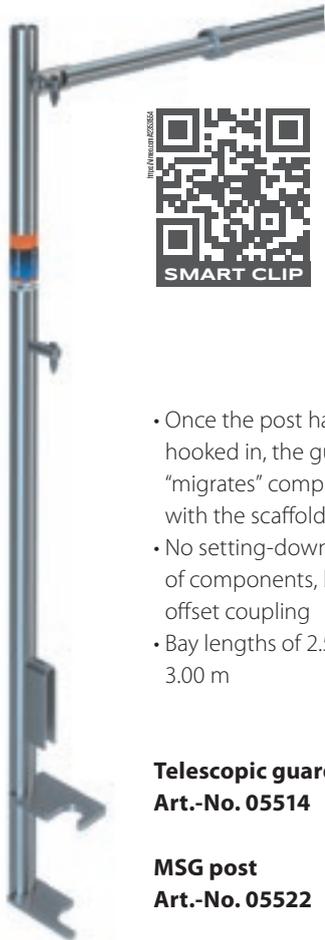
MIGRATING SOLUTIONS

The solutions described here are used to secure the respective upper scaffold level to be fitted/dismantled.

In other words they “migrate” with the scaffold upwards or downwards in the case of dismantling.

STANDARD SET

ONE-PIECE MSG POST WITH TELESCOPIC GUARDRAIL



- Once the post has been hooked in, the guardrail “migrates” completely with the scaffolding
- No setting-down/refitting of components, but with offset coupling
- Bay lengths of 2.50 m or 3.00 m

Telescopic guardrail
Art.-No. 05514

MSG post
Art.-No. 05522

- Complete solution
- Rapid fitting
- Economic in terms of extension and modification
- Easy handling



The telescopic guardrail enables modification without any need to fit guardrails

UNIVERSAL SET

ONE-PIECE UNIVERSAL GUARDRAIL POST WITH TELE-GUARDRAIL



- Can be used in the systems SUPER, SUPER LUG scaffold, RING-SCAFF, FRAME-SCAFF, VARIANT as well as third-party systems
- Applied as an advanced system
- After completion of the scaffold level, the post with the tele-guardrail is simply moved upwards and attached

Teleskopik guardrail
Art.-No. 05514

Universal post
Art.-No. 05538

- **Suitable for many systems**
- **Robust**
- **Rapid fitting**
- **Economic in terms of extension and modification**



MIGRATING SOLUTIONS (CONTINUED)

The solutions described here remain in their position in the scaffold till it is dismantled.

PERMANENT SOLUTIONS

BASIC PRINCIPLE SUSTAINABILITY

As we see things: scaffold systems which the user has already decided to purchase need to stay viable for as long as possible. This means that the user continues to invest in a modern and, in particular, future-proof system. The system idea as well as all other components remain unaltered, they are simply supplemented with appropriate TRBS-necessary products. This makes the use of your system compliant.

DOUBLE POST

PARALLEL GUARDRAIL
POST WITH SUPER
PRINCIPAL GUARDRAIL*



Double post
Art.-No. 05537

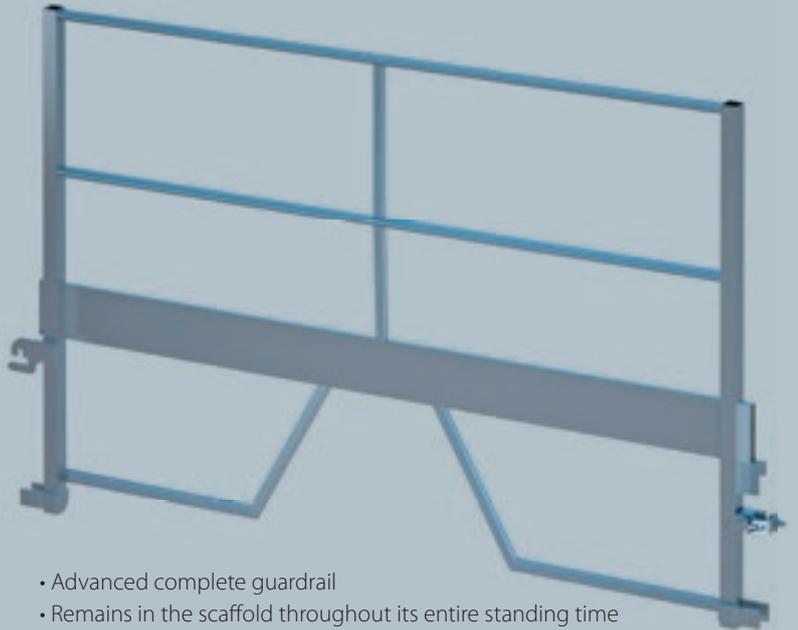
- Remains throughout the entire standing time of the scaffold
- After fitting, no guardrail removal possible without the use of tools (= definitive guardrail)
- Suitable for outside/inside of scaffold as well as front section or at scaffold corners
- Performance record: TRBS costs transparent

- **Guardrails from existing material**
- **Robust**
- **Easy handling**
- **Definitive guardrail**
- **Transparent proof of performance**

* POSSIBLY FROM EXISTING MATERIAL

SAFETY GUARDRAIL

COMPLETE ALUMINIUM SAFETY
GUARDRAIL



- Advanced complete guardrail
- Remains in the scaffold throughout its entire standing time
- Full 3-piece side protection replaces toe board, intermediate and principal guardrails
- Performance record: TRBS costs transparent

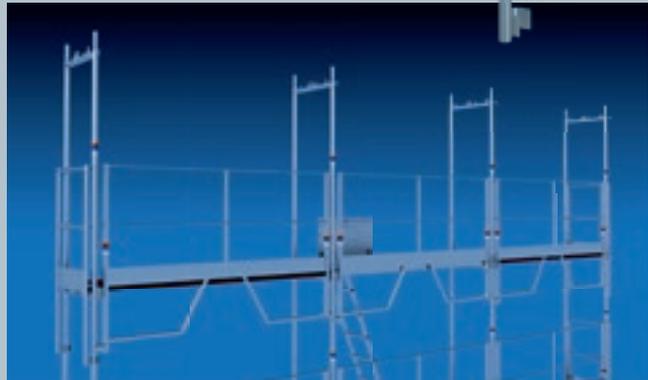
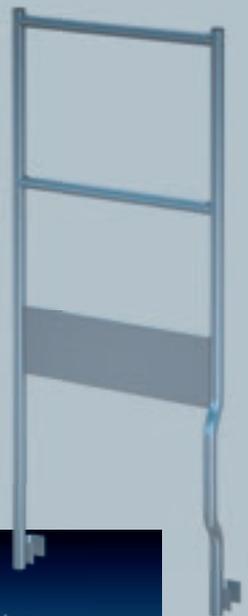


Safety guardrail
Art.-No. 05526

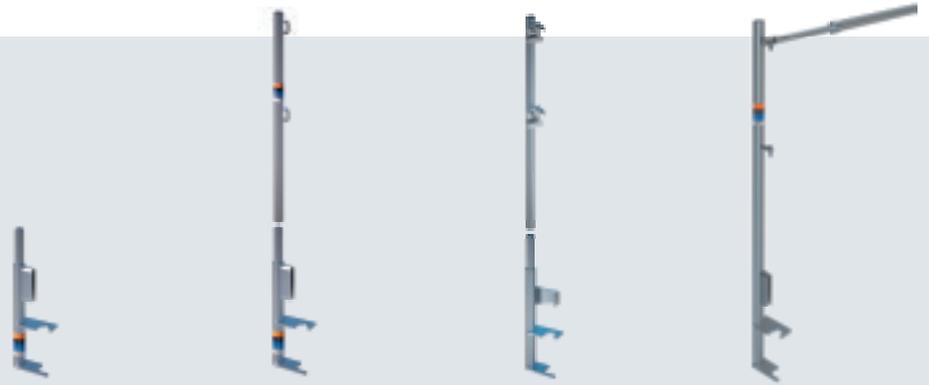


Front safety guardrail
Art.-No. 05525

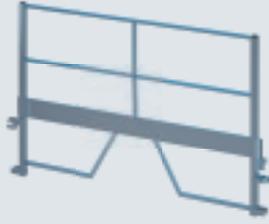
- **Complete module**
- **Easy handling**
- **Tool-free, 1-person fitting**
- **Integrated toe board, principal and intermediate guardrails**



The safety guardrail remains in the scaffold permanently.



	MSG Basic Set	MSG Extension Set (SUPER)	MSG Extension Set (FRAMESCAFF)	MSG Standard Set
Classification				
Corresponds to TRBS 2121 (as of 30 April 2020)	✓	✓	✓	✓
Migrating solution	✓	✓	✓	✓
Definitive solution				
Removal option				
Fitting characteristics				
No mech. parts	✓	✓	✓	
Fitting without tools possible	✓	✓	✓	✓
Can also be used for inner side				
Can also be used for front end				
Stability of components	★★★★★	★★★★★	★★★★★	★★★★
Economic efficiency				
Existing material can be used	✓	✓	✓	
Transport/Storage	★★★★★	★★★★★	★★★★★	★★★★
Low investment	★★★★★	★★★★	★★★★	★★★★
Transparent performance record				
Matching systems				
Matching for system	SUPER, SUPER LUG	SUPER	FRAMESCAFF	SUPER, SUPER LUG
Product status	Series product, available	Series product, available	Series product, available from 11/2020	Series product, available
Arguments				
Decision-making horizon	Short-term and upgradeable	Short-term and upgradeable	Short-term and upgradeable	Mid-term
Main technical arguments	Known material	Known material	Known material	Easy to use, innovative guardrail
Main commercial arguments	Existing material, low investment	Existing material, low investment	Existing material, low investment	Manageable investment
Main planning arguments	Familiar system	Familiar system	Familiar system	Recognised, well-known market solution



MSG Universal Set	Double post	Safety guardrail	Front safety guardrail	SUPER-RS 360
✓	✓	✓	✓	✓
✓				
	With tools	With tools	Without tools	Dissolved system
	✓	✓	✓	
✓	Ratchet	Ratchet	✓	
	✓	✓		
	✓		✓	
★★★	★★★★★	★★★	★★★★	★★★★★
	✓			✓
★★★★	★★★★★	★★	★★	
★★★	★★★★	★★	★★	★★
	✓	✓	✓	
SUPER, SUPER LUG, FRAMESCAFF, RINGSCAFF, VARIANT	SUPER, SUPER LUG FRAMESCAFF	SUPER, SUPER LUG	SUPER	
Series product, available shortly	Series product, available	Pre-series product, test phase in market	Pre-series product, test phase in market	Pre-series product, test phase in market
Mid-term	Short-term	Long-term	Long-term	Long-term
Same handling with modular and façade scaffolding	Safe, familiar handling	3 component parts in one product	3 component parts in one product	
One investment for several systems	Low investment and transparent performance record	Transparent performance record	Transparent performance record	
Universal solution	Familiar system and definitive solution	Definitive solution	Definitive solution	

SCAFFOLD SYSTEM SUPER-RS 360

DISSOLVED (= FRAMELESS) SYSTEM
WITH HIGH PROPORTION OF
SUPER COMPONENTS



- Dissolved façade scaffold system with advanced, definitive guardrail
- Use of components from the SUPER system such as decks, ladder frames, guardrails, diagonals, toe boards
- Connectivity with the metric RINGCAFF system also possible
- Special decking ledgers with decking pins and wedge head for SUPER decks

- **TRBS 2121-conform system scaffold**
- **Few new parts required**
- **SUPER existing material can be used**
- **RINGSCAFF connectivity**



**SMART
DETAILS
GREAT
SOLUTIONS!**

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