

ENGINEUITY  
SINCE 1893



NEW GENERATION CURTAINSIDER  
PRODUCT PRESENTATION

***Kässbohrer***



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2 TERMINOLOGY

3 TECHNICAL SPECIFICATIONS

4 NEW GENERATION CURTAINSIDER STANDARD CONFIGURATION

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7 OPTIONS



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## ENGINEERED FOR PERFECTION PIONEERING INNOVATION

Kässbohrer's Next Generation Curtainsider Series is the result of Kässbohrer's extensive experience and expertise in all transportation modes, coupled with advanced prototype testing capabilities and production technologies.

Developed by Kässbohrer's second R&D center, the Next Generation Curtainsider Series has undergone rigorous testing, simulating 1,500,000 km of the most challenging road conditions to guarantee stability, load safety, vehicle reliability, and longevity.





## ENGINEERED FOR PERFECTION PIONEERING INNOVATION

With **state-of-the-art engineering** and **premium materials**, the **Next Generation Curtainsider Series** is built using **fully automated robotic welding** and **advanced surface coating technologies**.

While the **powerful yet lightweight Kässbohrer chassis** ensures **maximum durability** and **resistance to environmental factors**, the **user- and operation-friendly innovative upper structure** complements it. Kässbohrer has designed the new series to exceed the demands of modern transportation, delivering **exceptional driving performance, safety, and efficiency**.





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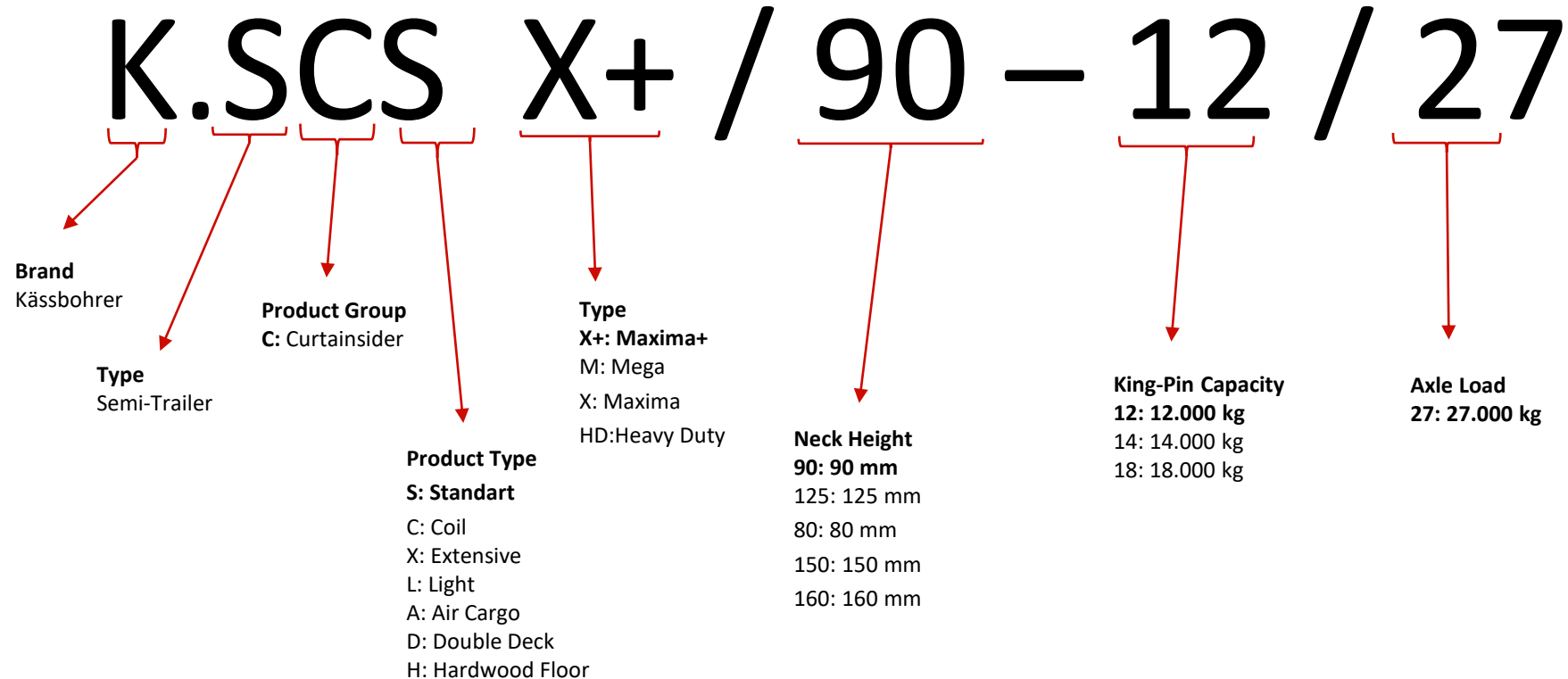
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## TERMINOLOGY

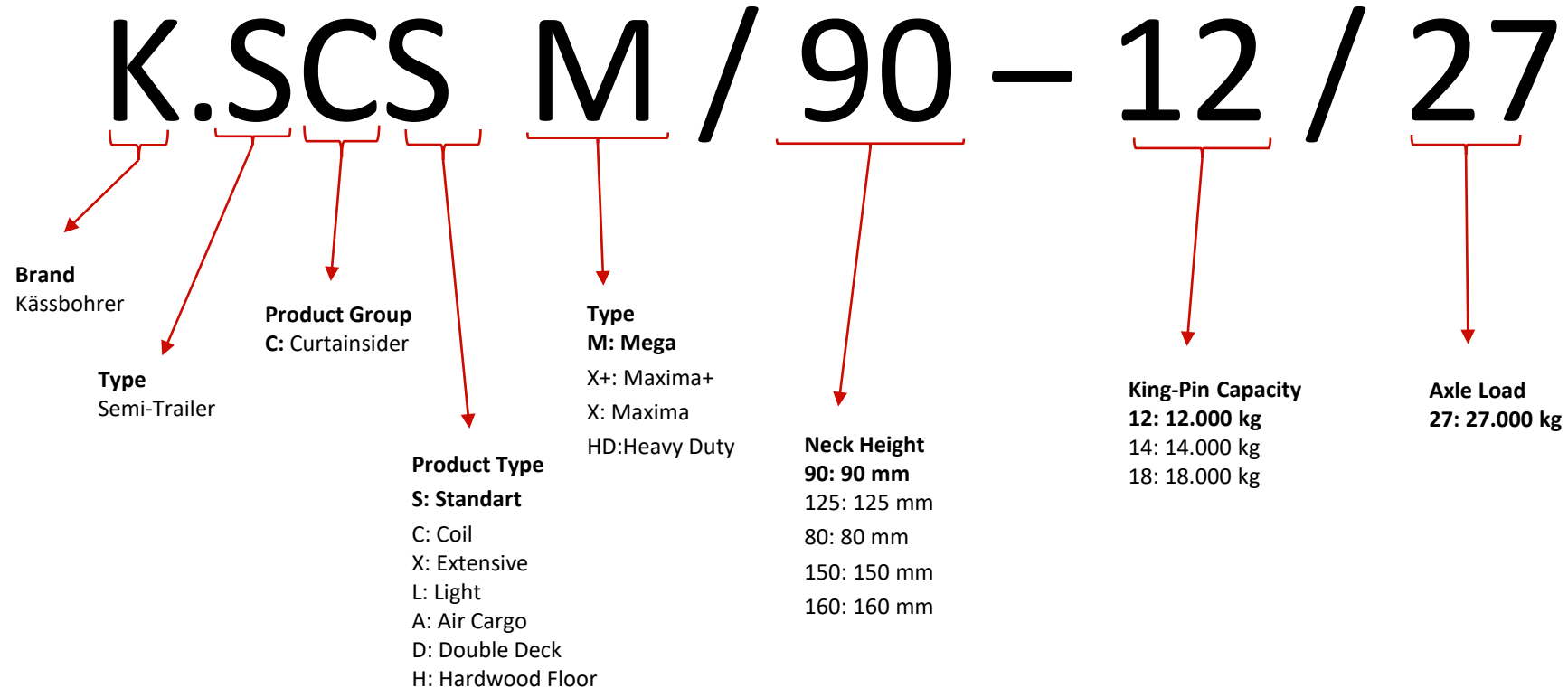
### NEW GENERATION CURTAINSIDER





## TERMINOLOGY

## NEW GENERATION CURTAINSIDER







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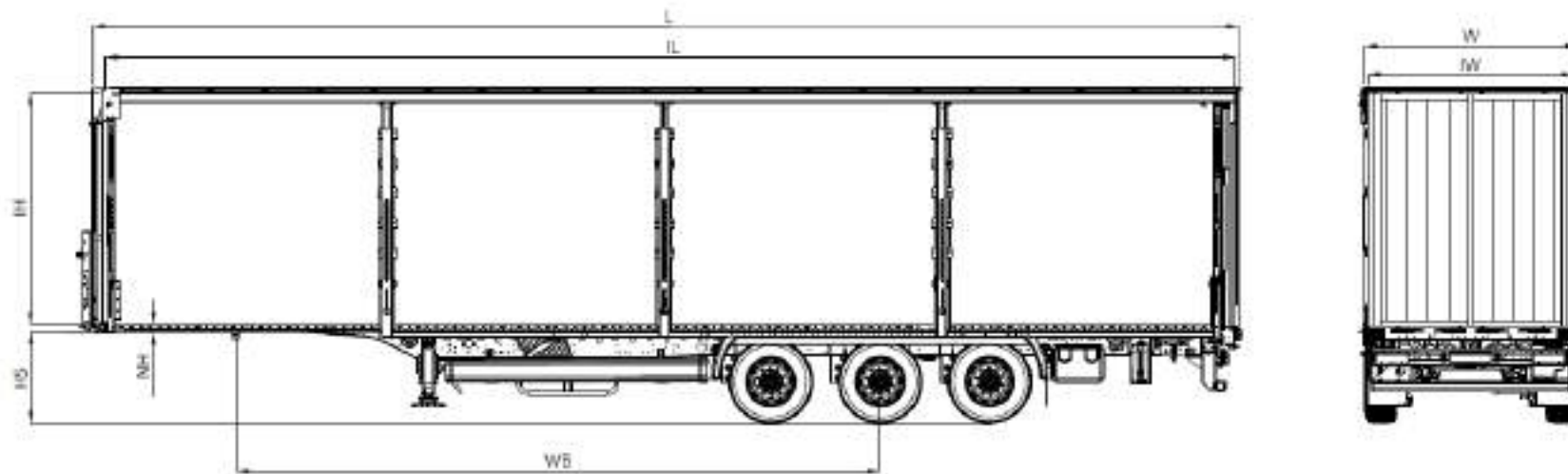
7 OPTIONS



## TECHNICAL SPECIFICATIONS

# NEW GENERATION CURTAINSIDER STANDARD

**K.SCS X+ 90 - 12 - 27 EU**



**1- Total Length (L)**

**13.680 mm**

**4- 5th Wheel Height**

**1.100 mm**

**7- Internal Width (IW)**

**2.480 mm**

**2- Internal Length (IL)**

**13.610 mm**

**5- Neck Height (NH)**

**90 mm**

**8- Tare Weight ( $\pm 3\%$ )**

**6.240 kg**

**3- Inner Height (IH)**

**2.800 mm**

**6- Euro Pallet Capacity**

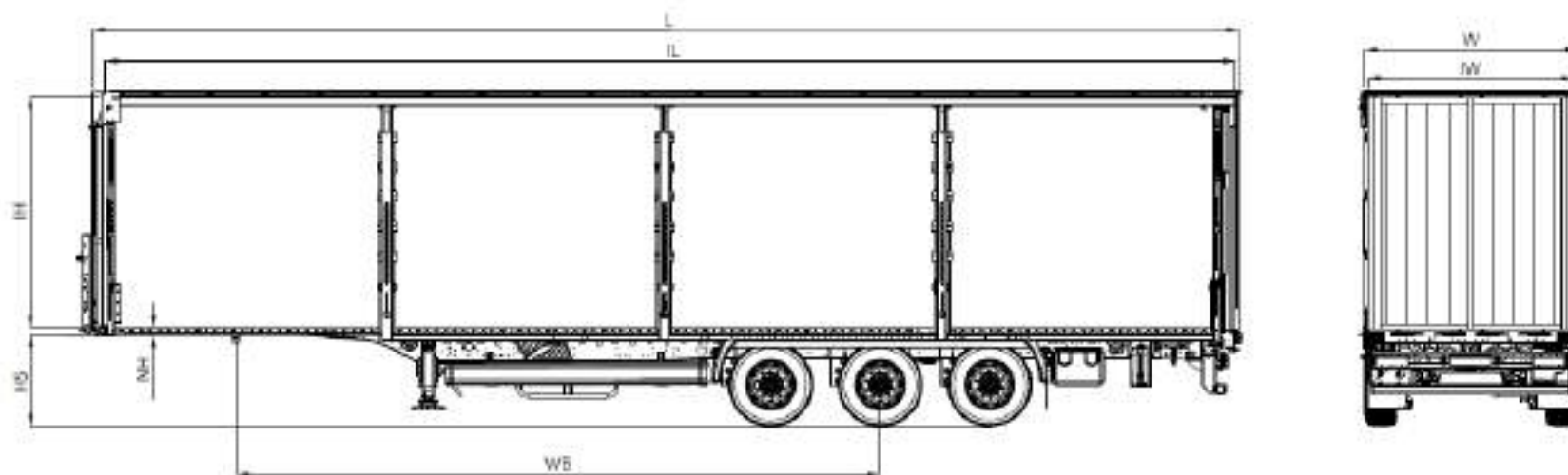
**34 unit**



## TECHNICAL SPECIFICATIONS

# NEW GENERATION CURTAINSIDER MEGA

**K.SCS M 90 - 12 - 27 EU**



**1- Total Length (L)**

13.680 mm

**4- 5th Wheel Height**

950 mm

**7- Internal Width (IW)**

2.480 mm

**2- Internal Length (IL)**

13.610 mm

**5- Neck Height (NH)**

90 mm

**8- Tare Weight ( $\pm 3\%$ )**

6.240 kg

**3- Inner Height (IH)**

2.950 mm

**6- Euro Pallet Capacity**

34 unit



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## NEW GENERATION CURTAINSIDER STANDARD CONFIGURATION

### **K.SCS X+ 90 - 12 - 27 EU**

- Steel Front Panel – Steel Front Pillar
- 1,220 mm plywood front panel protection
- Aspöck Europoint III Electrical System
- 1 Plastic Toolbox (600 mm)
- CodeXL Certified
- 3 Rows of Wooden Side Slats
- 4 Rows of Pocket Side Slats
- D-Type Ramp Buffer
- Wabco TPMS
- 385/65 R22.5 Tyres





## NEW GENERATION CURTAINSIDER STANDARD MEGA CONFIGURATION

### K.SCS M 90 - 12 - 27 EU

- Steel Front Panel – Steel Front Pillar
- 1,220 mm plywood front panel protection
- Aspöck Europoint III Electrical System
- 1 Plastic Toolbox (600 mm)
- CodeXL Certified
- Mechanical Roof Lifting (500 mm)
- 3 Rows of Wooden Side Slats
- 4 Rows of Pocket Side Slats
- D-Type Ramp Buffer
- Wabco TPMS
- 445/45 R19.5 Tyres





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## NEW GENERATION CURTAINSIDER USP CHASSIS



### **LIGHTWEIGHT CHASSIS, MAXIMUM DURABILITY, THE IDEAL SOLUTION FOR EVERY LOAD**

Kässbohrer New Generation Curtainsiders, **engineered to perfection** and **manufactured to the highest quality standards with premium materials**, have undergone the **longest period of durability and functionality tests** to ensure a longer vehicle life. With **high-quality S700MC steel**, they offer **superior stability**, ensuring **optimal load and road compatibility**.

The chassis benefits from a **six-layer surface protection system** and **Kässbohrer's renowned KTL coating with zinc phosphate technology**, and features **optional metallization for additional rust resistance in harsh environments**.





## NEW GENERATION CURTAINSIDER USP CHASSIS COATING



### UNIQUE KTL COATING SUPPORTED BY ZINC PHOSPHATE

With its corrosion-resistant KTL coating, rust-preventing aluminum front wall, and high floor durability, the robust chassis is built to withstand the most demanding conditions.



## NEW GENERATION CURTAINSIDER USP INTERMODAL



### ONE VEHICLE, ENDLESS POSSIBILITIES: CHAMPION OF MULTIMODAL TRANSPORTATION

Engineered for intermodal excellence, Kässbohrer's Next Generation curtainsider excels in both **road, rail, and sea transport**. Its advanced anti deflection capabilities ensure **smooth and reliable loading for trains**, while the sliding bumper **minimizes damage during ferry boarding**. Additionally, the **reinforced closed king-pin area** enhances safety and efficiency in port operations.



## NEW GENERATION CURTAINSIDER USP DURABILITY



### RELIABLE DOCKING BY STRONG REAR FRAME

Secure docking is further supported by **welded rear pillars**, **high-friction-resistant ramp buffers**, and **reinforced rear door hinge guards**, delivering **unparalleled safety** during loading and unloading operations.



## NEW GENERATION CURTAINSIDER USP FRONT PANEL



**Aluminum Front Pannel**

**Steel Front Pannel**

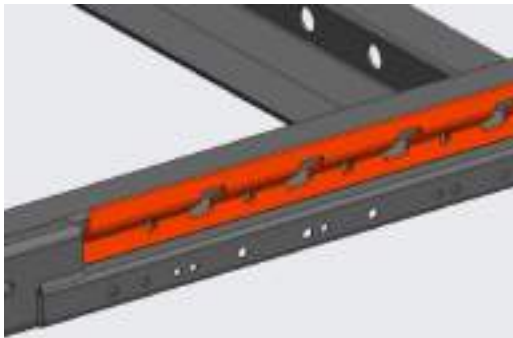
### **RESILIENT FRONT PANEL, BUILT FOR TOUGH CONDITIONS**

With the **CodeXL-certified durable front panel**, developed with **new-generation aluminum panel technology** and **aluminum front pillars**, Kässbohrer's new curtainsider offers **rust-free long-term use** to its users. **On the same chassis, customers can choose either a steel front panel or an aluminum front panel**, providing flexibility for different operational needs.

In case of damage, it offers **easy maintenance and repair** thanks to its **bolted connections** and **panel structure**.



## NEW GENERATION CURTAINSIDER USP ERGONOMICS



### SEAMLESS OPERATION, USER-FRIENDLY DESIGN

The next-generation curtainsider modular design features **bolted aluminum / Steel front pillars**, an **aluminum / steel panel structure front wall**, **bolted pallet stoppers**, and **forklift barriers**, ensuring **easy maintenance and repair**.





## NEW GENERATION CURTAINSIDER USP FLOOR CAPACITY



### **SUPERIOR FLOOR DURABILITY BY 7.2 TON FLOOR**

**Multi-bolt fixed floor** with a **7.2-ton forklift axle load capacity** and **water-resistant sealing**, ensuring **long-term durability** with **minimal maintenance**.

*(Optionally available with 8-ton capacity)*



## NEW GENERATION CURTAINSIDER USP ROOF



### SLIDING ROOF, PATENTED INTEGRATION

Kässbohrer's Next Generation Curtainsider Series provides a user-friendly experience through its **lightweight roof caps**, **slim central pillars**, and **easy-to-use roof lifting and opening system**, enabling **roof operation with 3.5 times less effort** compared to the previous model, tested and verified for performance.

The **integrated cross-tensioning system, K-Tension**, in the **roof tarpaulin** ensures a **stable roof structure** that **resists lateral stress** and **ensures safe loading**.



## NEW GENERATION CURTAINSIDER USP K-FIX



**\*OPTIONAL**



4x2 lashing rings placed on both side rails with 5-ton capacity.

4x2 and 2x2 lashing rings are included on front and rear rails. Heavy-duty lashing rings with 5-ton capacity.

**Kässbohrer**



**\*OPTIONAL**



13x2 U-Type Lashing Rings with 2-ton capacity.

### **K-FIX to Secure Every Type of Load**

Kässbohrer's next-generation chassis is engineered with the K-Fix system, a patented load-securing technology.





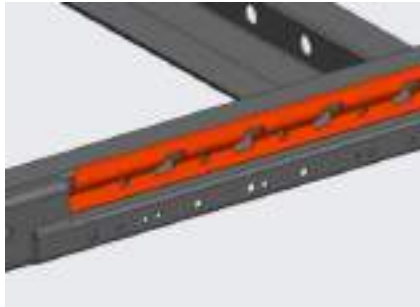
# NEW GENERATION CURTAINS



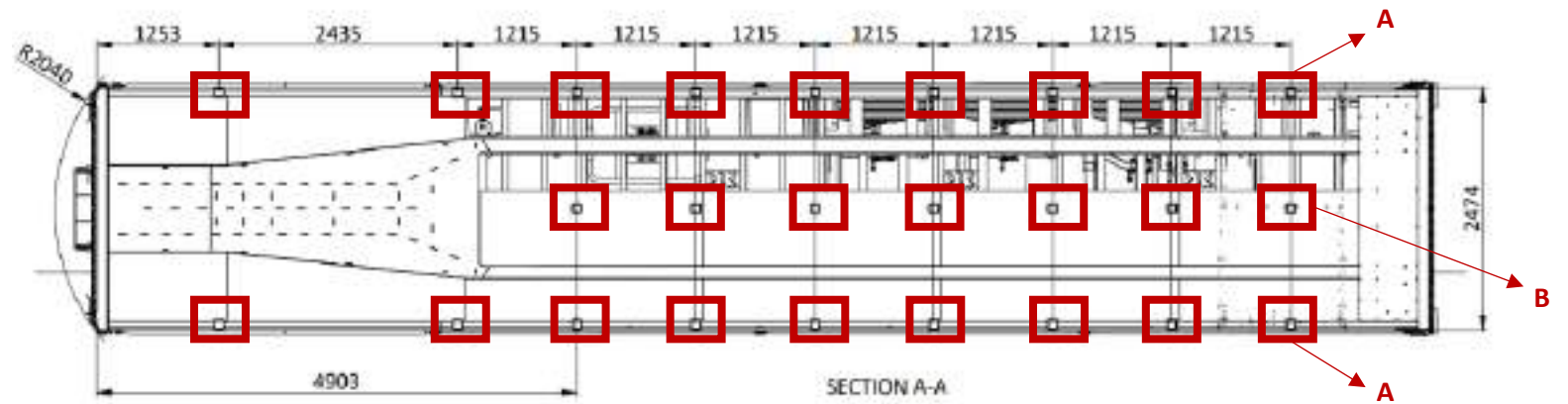
## Load Stopper Bars



## Steel forklift barrier



## Pallet stoppers with K-fix



## SAFETY FOR EVERY LOADS

**Optional features** such as **load stopper bars**, **side walls**, **pillar pockets**, and **pallet stoppers** complete the **full load securing system**, ensuring **optimal load security** for all transportation needs.

### Pillar Pocket Options:

**9x2 on the side rave (A)**

**7x1 in the middle of the floor (B)**



## NEW GENERATION CURTAINSIDER USP ROBUSTNESS



### PERFORMANCE AND STABILITY

Lateral forces resistant upper structure and chassis offer superior safety in high-speed turns. Developed by the Kässbohrer's second R&D center, the Next Generation Curtainsider Series has undergone rigorous testing, **simulating 1.500.000 km of the most challenging road conditions to guarantee stability, load safety, vehicle reliability and longevity.**



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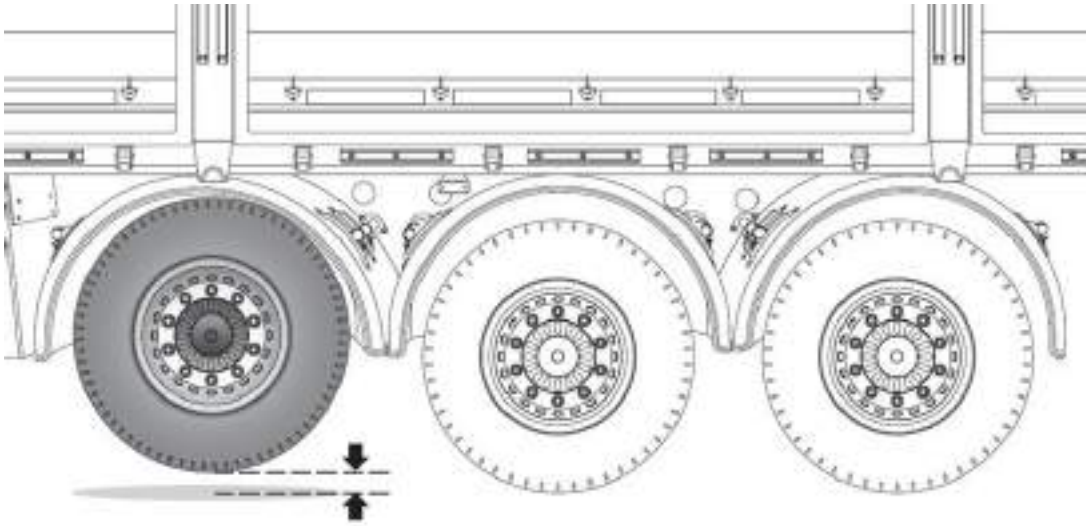
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## OPTIONS

### AXLE- AXLE LIFTING – SELF STEERING



- **BPW & SAF** axle options
- With **1st and 3rd axle lifting**, your **semi-trailer** will **save its tyres while empty**.
- The **3rd self-steering axle option** provides **maneuverability for urban use** and ensures **comfortable driving at turning points**.



## OPTIONS TENSIONER FOR SIDE CURTAIN

**Standard**

Only rear tensioning with ratchet.



**Option**

Front and rear tensioning, with rear tensioning using a ratchet.



**Option**

Front and rear tensioning, with both front and rear equipped with ratchet systems.





## OPTIONS ROOF LIFTING



Roof lifting for 500 mm loading purposes with level adjustment up to 4 levels:

- +50 mm
- +100 mm
- +150 mm
- +200 mm





## OPTIONS ROOF LIFTING



### Hydro-Pneumatic Roof Lifting System

The hydro-pneumatic roof lifting system allows 200 mm of travel in the standard internal position and 500 mm for loading purposes. The system is operated from a single control point, ensuring the roof rises evenly and parallel.





## OPTIONS KIPD



| KÄSSBOHRER<br>INTEGRITY PROTECTION DEVICE                                                                                                                                                                                                               | CONVENTIONAL<br>SOLUTION                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resonance Integrity Protection Device senses the presence of <b> theft and unauthorized passengers</b> as well as conventional solution - system problems                                                                                               | Even if the solution solved the <b>problems</b> , they bring with them <b>major problems</b> in terms of applicability, availability, and efficiency                                                                                                |
| <b>ADVANTAGES</b>                                                                                                                                                                                                                                       | <b>DISADVANTAGES</b>                                                                                                                                                                                                                                |
| <ul style="list-style-type: none"><li>Low Cost</li><li>Quick And Practical Applicability To All Vehicle Types</li><li>Can Be Installed Outside The Factory, In Services</li><li>1 kg - Low Weight</li><li>Does Not Cause Loss Of Loading Area</li></ul> | <ul style="list-style-type: none"><li>High Cost</li><li>Obligation To Purchase A New Vehicle To Implement The System</li><li>Loading Area Losses In The Vehicle</li><li>Increasing The Vehicle Weight</li><li>Causes Loss Of Loading Area</li></ul> |

The innovation award-winning and patented **KIPD system** elevates **cargo security** to the highest level. Sensors embedded inside the vehicle detect motion and temperature, alerting during any live disturbance with the loading area, **preventing theft and human trafficking**.



# INTERMODAL OPTION FOR TRAIN TRANSPORTATION



- Enginuity, since 1893*



## OPTIONS LASHING RINGS



**4x2 lashing rings placed on both side rails with 5-ton capacity.**

**4x2 and 2x2 lashing rings are included on front and rear rails.**

**Heavy-duty lashing rings with 5-ton capacity.**



**13x2 U-Type Lashing Rings with 2-ton capacity.**



## OPTIONS FORKLIFT BARRIER

Standard



- All curtainsiders are equipped with **metal (A) forklift barrier** and **optionally** can be equipped with **plastic (B) forklift barriers**.

- Both forklift barriers are connected to the vehicle with **screw-nut connection**.

- In case of **any damage**, forklift barriers can be replaced easily.

(A)

Option



(B)



## OPTIONS SIDE ROW TYPE



Aluminum Side Rows



Wooden Side Rows



**Aluminum & Steel Side Rows**  
Steel side row has holes on it to lash spanzet.





## OPTIONS CURTAIN



**Standart Curatin**

- Side curtain made of 900 g/m<sup>2</sup> material



**CODE XLS Curtain**

- Fitted on side curtains: vertical 24×2 aluminium bars, preventing bulging.
- Horizontal straps create pre-tension.
- Available according to European standard EN 12642 XL.



**Aluminium Integrated Curatin**

- Side curtain made of 900 g/m<sup>2</sup> material (Fire-Proof Fabric according to ISO 3795:1989).
- Side curtains have 24 units of integrated vertical aluminium reinforcement. With this curtain, there will be no need for side rows.

## OPTIONS CURTAIN



### EDSCHA QUICK CURTAIN

QuickCurtain is a fast-opening ( $\leq 1$  min), one-man-operable, robust and fully sealed curtain system compatible with all Edscha TS & SESAM roofs without reducing loading volume. It features integrated load securing, easy maintenance, no need for insertion boards, and can be installed on standard CS vehicles. The package length is only 25% of the loading area, and the system includes a customizable tarpaulin and ergonomic folding handles.





## OPTIONS

### ROOF SLIDING OPTIONS



One way sliding roof



Two way sliding roof



Openable Front Cap-Roof Curtain



## OPTIONS

### ANTI-THEFT CURTAIN



• **With the help of steel wires, anti-theft curtains prevent the curtains from being cut from the outside in case of any type of burglary.**

- **1800 (200×200 mm)**
- **1200 (200×200 mm)**
- **1800 (150×150 mm)**
- **1200 (150×150 mm)**
- **1800 (120×120 mm)**



• **200×200 Anti-Theft Roof Curtain**



## OPTIONS SPARE WHEEL HOLDERS



Double Basket Type Spare Wheel Holder



Single Basket Type Spare Wheel Holder



## OPTIONS

### REAR ENTRANCE FLOOR PROTECTION STEEL



**430 mm long floor protection steel plate** is installed at the rear entrance to **protect against damage** during loading and unloading from the dock.



## OPTIONS LANDING LEG OPTIONS



Roller Feet Heavy Duty Landing Legs



Foldable Rear Landing Legs





OPTIONS

## FERRY SKIDS TO PROTECT THE BUMPER



- 2 pieces of ferry skids made of galvanized steel
- Bolt-nut connection
- Protects the bumper from damage while entering a ferry





## OPTIONS FERRY RINGS



Equipped with 2x4 units of Ferry rings in compliance with Standard EN 29367-2.



## OPTIONS

# PERFECT PERFORMANCE FOR FERRY OPERATIONS



- When the ferry package is selected, the following components are added to the vehicle:
- (A) Reinforced chassis on king pin section
- (B) Plastic ramp buffer on coupling console
- (C) Extra cover to close sliding plate section
- (D) 4 × 2 units Ro-Ro rings
- (E) 2 pieces of ferry skids made of galvanized steel
- 1 meter high wooden planks integrated inside rear door on both left and right sides





OPTIONS

## ALLUMINUM SIDE BOARDS



- **600 or 800 mm aluminium side board**, manufactured by **extrusion method** with a **cross-section specifically designed for Kässbohrer**.
- **Suitable for TIR/custom regulations**.



OPTIONS

## FIRE EXTINGUISHER BOXES



1 unit of fire extinguisher box on landing gear



1 unit of fire extinguisher box on the front panel



## OPTIONS

### BOX OPTIONS



1.500mm -  
Steel Tool Box



1.500mm -  
Food Box



1.000mm -  
Plastic Tool Box



600 mm  
Plastic Tool Box



## OPTIONS BOX OPTIONS



2.440 mm -  
PVC coated box  
(storage for double deck)



Timber box



1.000mm -  
Stainless Steel Tool Box



1.200 mm -  
Stainless Steel Tool Box





## OPTIONS

### PALLET BOX OPTIONS



Pallet box with 24-unit pallet capacity  
Available for curtainsider vehicles with 5th wheel height of  
1,100 mm or above



Pallet box with 30-unit pallet capacity  
Available for curtainsider vehicles with 5th wheel height of  
1,150 mm or above

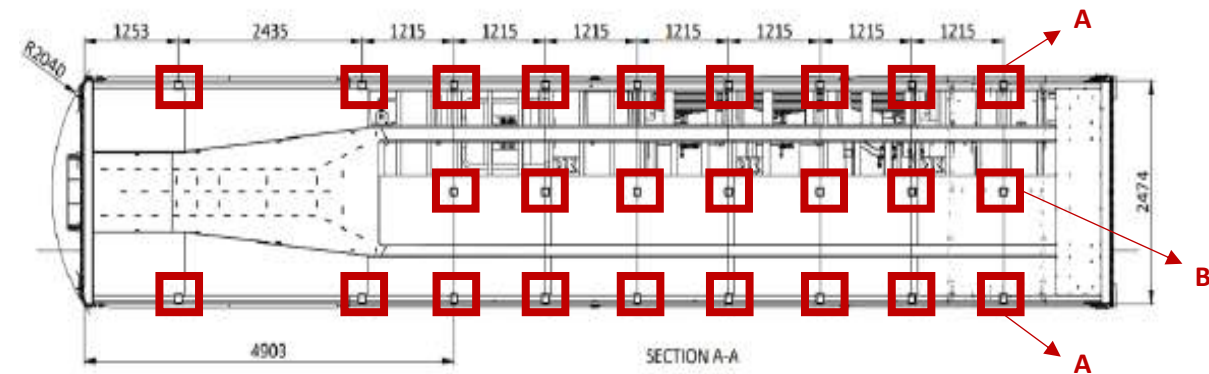


## OPTIONS

# LOAD FIXING OPTIONS



## Load Stopper Bars to fix loads



**Total of 25 pillar pockets in the floor**

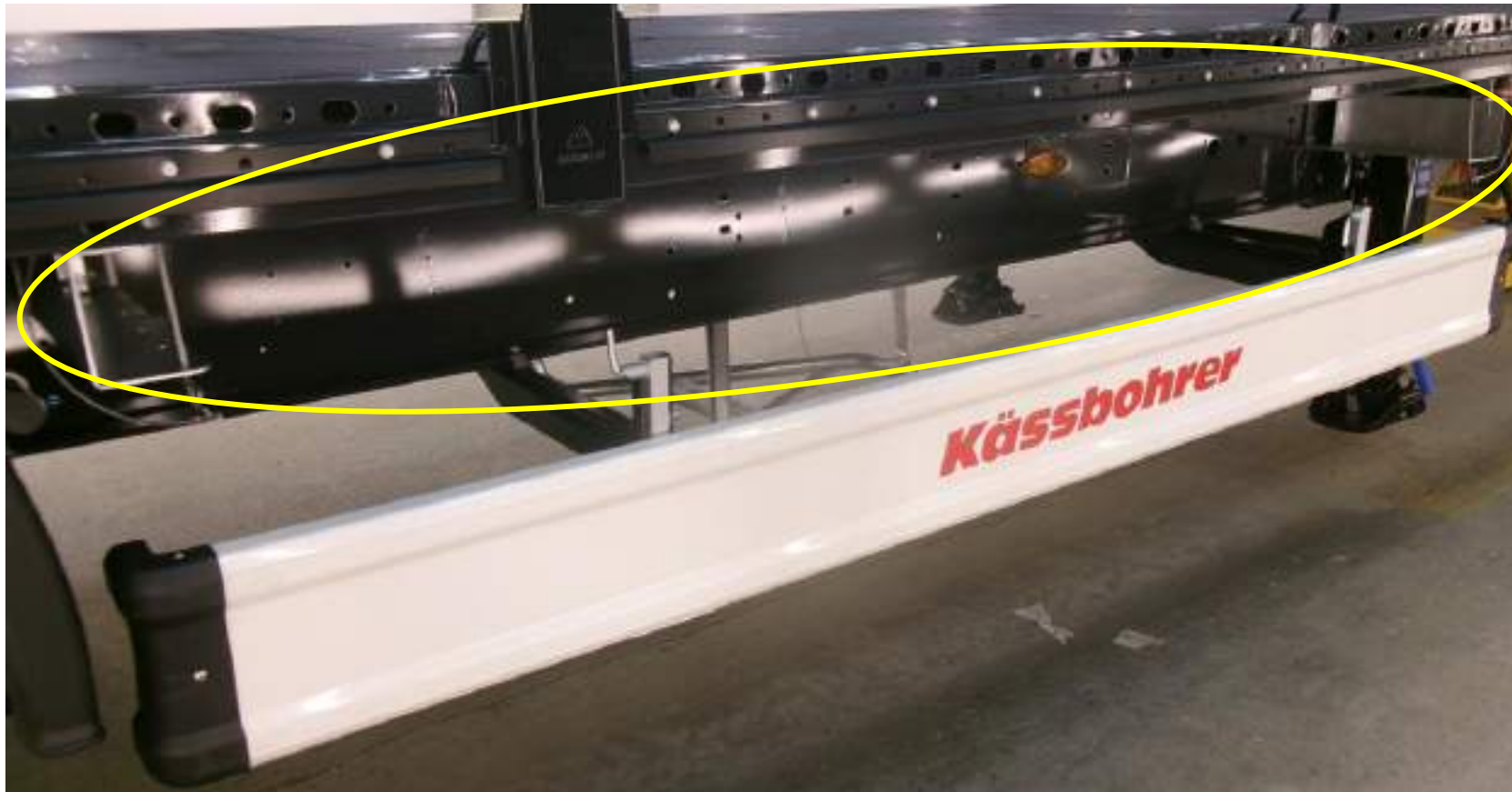
**9 × 2 on the side rave (A) 80 × 80 mm**

**7 × 1 in the middle of the floor (B) 80 × 80 mm**



OPTIONS

## SIDE PLANK STORAGE



- 16 storage units on the right side
- 24 storage units on the left side
- 16 storage units on both sides
- 16 on the right and 24 on the left side



## OPTIONS OTHER OPTIONS



Document pocket on the rear door / front panel / curtain



Working Lights



Pillar storage



## OPTIONS RAMP BUFFERS



**D TYPE**



**D + PVC TYPE**



**D TYPE + T TYPE**



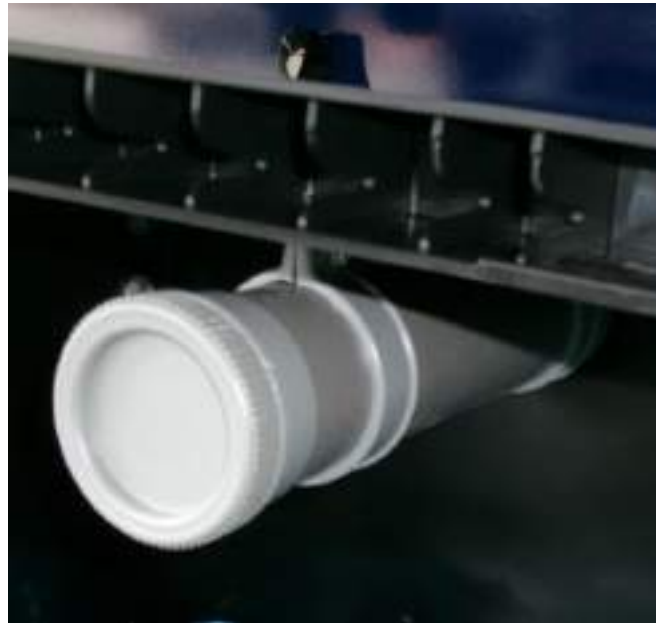


OPTIONS

OTHER OPTIONS



Rectangular Document Box



Circle Document Box



Water Tank



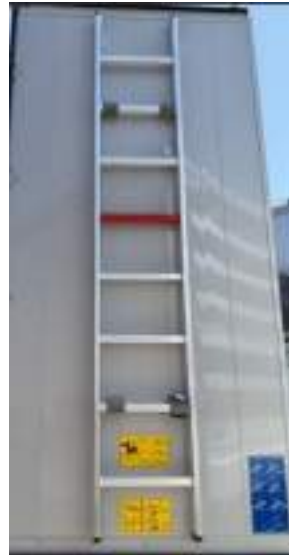


## OPTIONS

### OTHER OPTIONS



**Standard**  
Sliding Ladder



Portable ladder



Turtle Lock Options



Tailguard – Rear sensor to assist with reverse maneuvers during docking using sensor guidance.



OPTIONS

OTHER SPECIAL OPTIONS



3 stop lights and 2 signal lights on the rear Door headcap



ADR Plate & A Plate



Front & Rear Inside Working Light

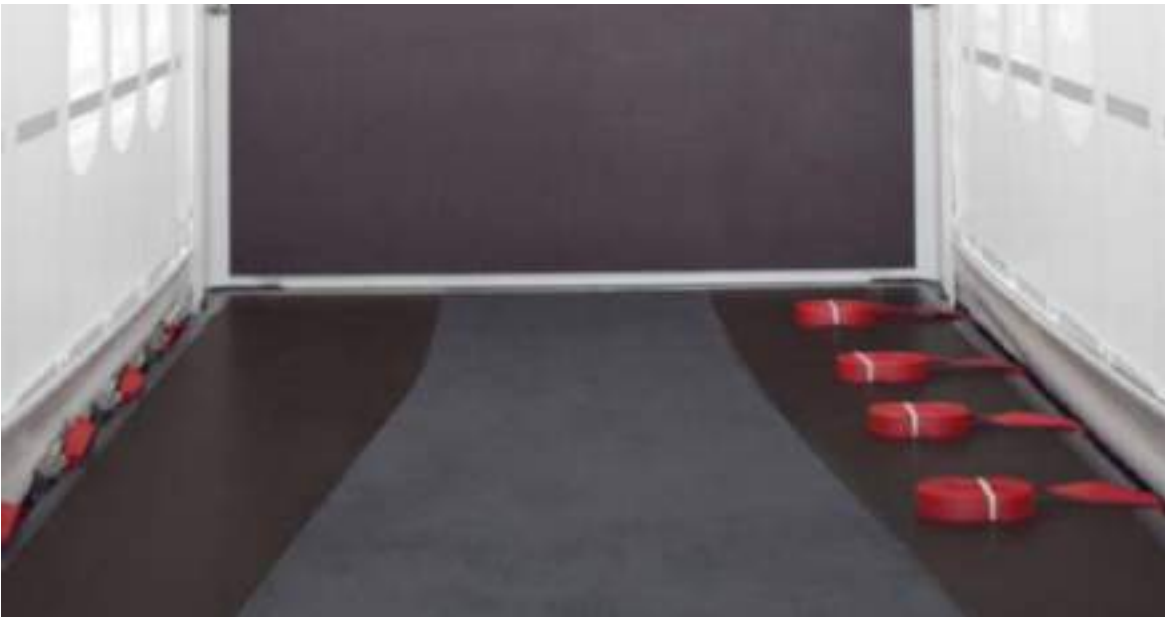


TIR Certificate



OPTIONS

OTHER OPTIONS



Fix Spanzet



Airsave option



Rotating Warning Lamp preparation &  
Extension Label Bracket



OPTIONS

OTHER OPTIONS



Pillar Options

6 unit with 1.800 mm length pillar

8 unit with 1.500 mm length pillar

8 unit with 1.800 mm length pillar



- **Roof Safety Air Bag** is developed for **direct use on curtainsiders' roof tarpaulins** to **prevent the formation of water and ice floes**.



# THANK YOU FOR YOUR ATTENTION!

For further questions, please do not hesitate to contact us.  
It will be our pleasure to answer your questions.

[info@kaessbohrer.com](mailto:info@kaessbohrer.com)

For most recent information in our product offering  
and company news, follow us on social media!

