



LANKHORST
ENGINEERED PRODUCTS

YOUR PARTNER
IN SAFE COIL
STORAGE AND
TRANSPORT

Flexible coil storage and
transport systems

THE WHY

- THE SOLUTION
- THE PRODUCTS
- THE HISTORY

THE WHY

SAFE AND EASY
TO INSTALL

MEET THE KLP® COIL STORAGE AND TRANSPORT SYSTEMS

Everyday millions of tons of steel coils are stored using Lankhorst KLP® Coil Storage and Transport Systems. They have been designed from the outset to provide secure, flexible and safe coil storage, safeguarding both employees and your valuable coils. Add to this the ability to maximise ROI on storage space and it's not difficult to see why KLP® Coil Storage and Transport Systems are the storage system of choice for the world's leading steel coil manufacturers and steel service centres.

The KLP® Coil Storage and Transport Systems are professional and show your customers that you take the responsibility of safely handling and storing their coils seriously. Moreover, they'll be reassured that you recognize the advantages of KLP® Coil Storage.



With over 40 years' experience of raising coil storage standards, Lankhorst has developed a suite of Coil Storage and Transport Systems for every type of coil. All our systems have been engineered in close cooperation with customers – they are the experts in steel, we are the experts in plastics.

FLEXIBLE, MULTILEVEL STORAGE, EASY TO INSTALL

Uninhibited by the natural limitations of wood and steel storage systems, Lankhorst has used its expertise and know-how in high impact resistant plastics to produce systems optimized for coil storage. We know that coil dimensions are not always the same, therefore KLP® chocks are not fixed to their position – they can be easily adjusted for the coil dimensions you have today and changed again tomorrow for other coils.

To maximize warehouse storage capacity, selected KLP® Coil Storage Systems can provide safe stacking of coils. Coils can be stored at two and three levels instantly increasing the rate of return per square metre of warehouse area.

There is one thing the various KLP® Coil Storage and Transport Systems have in common, they are all fast and easy to install.

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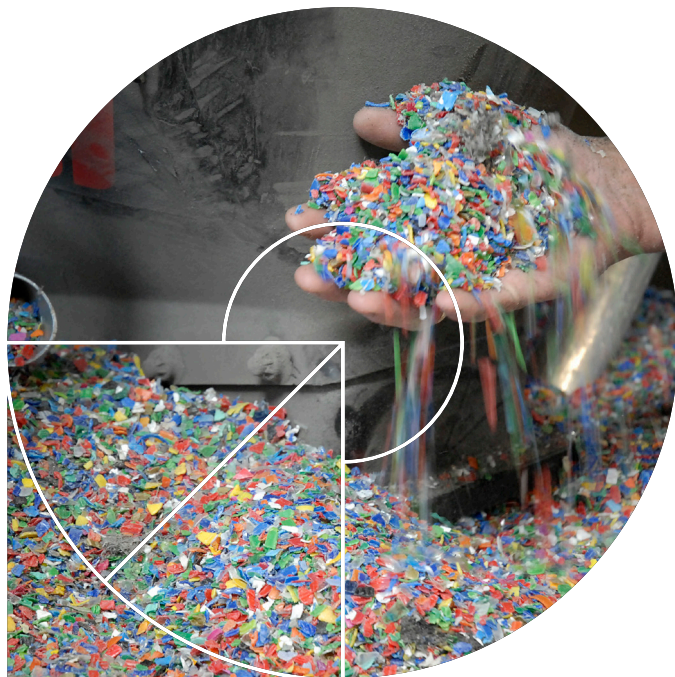
THE WHY

SAFE AND EASY
TO INSTALL

LONG LIFETIME AND RECYCLABLE

Lankhorst Engineered Products is one of Europe's leading companies developing innovative products from recycled plastics. We've been using recycled plastics for over 40 years; many of our original products are still in service. By continually innovating we ensure that KLP® Coil Storage Systems set the benchmark for safe coil storage.

The KLP® Coil Storage and Transport Systems present a durable alternative for storage solutions made out of wood and steel. Manufactured entirely from 100% recycled materials, KLP® Coil Storage and Transport Systems are fully recyclable again after their long lifetime. A solid investment delivering Low Life Cycle Costs.



GLOBAL PRESENCE

Production of all our KLP® Coil Storage and Transport Systems takes place in our own production facility in Sneek, The Netherlands, and are always tailor-made. Although there are many similarities in coil storage warehouses, all our customers have specific storage requirements. That's why our highly experienced sales engineers are always ready to visit you on-site.

Lankhorst has a vast network of representatives all over the world, in all major steel countries on all continents. That is the advantage of being in the steel business for so long, there is always a Lankhorst representative near you for instant advice or support, no matter where you are located.



- THE WHY
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THE SOLUTION

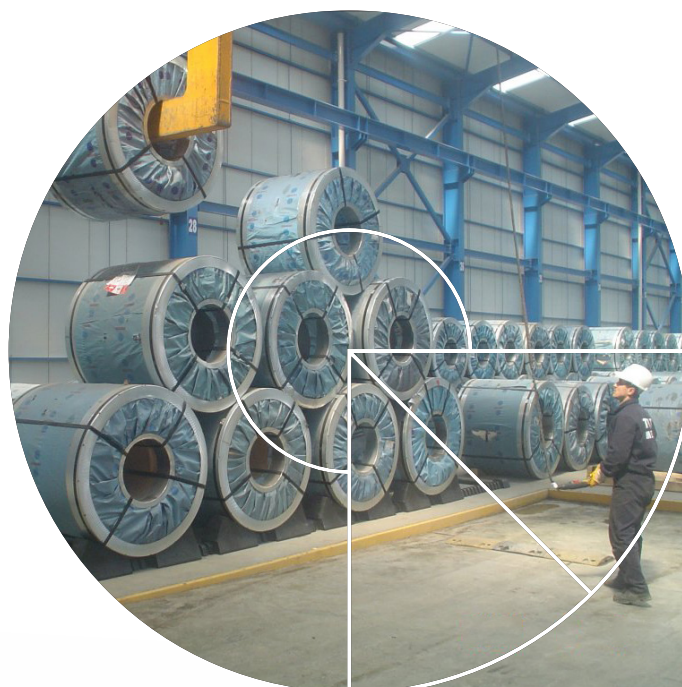
KLP® COIL STORAGE AND TRANSPORT SYSTEM

THE DESIGN OF THE KLP® COIL STORAGE AND TRANSPORT SYSTEM

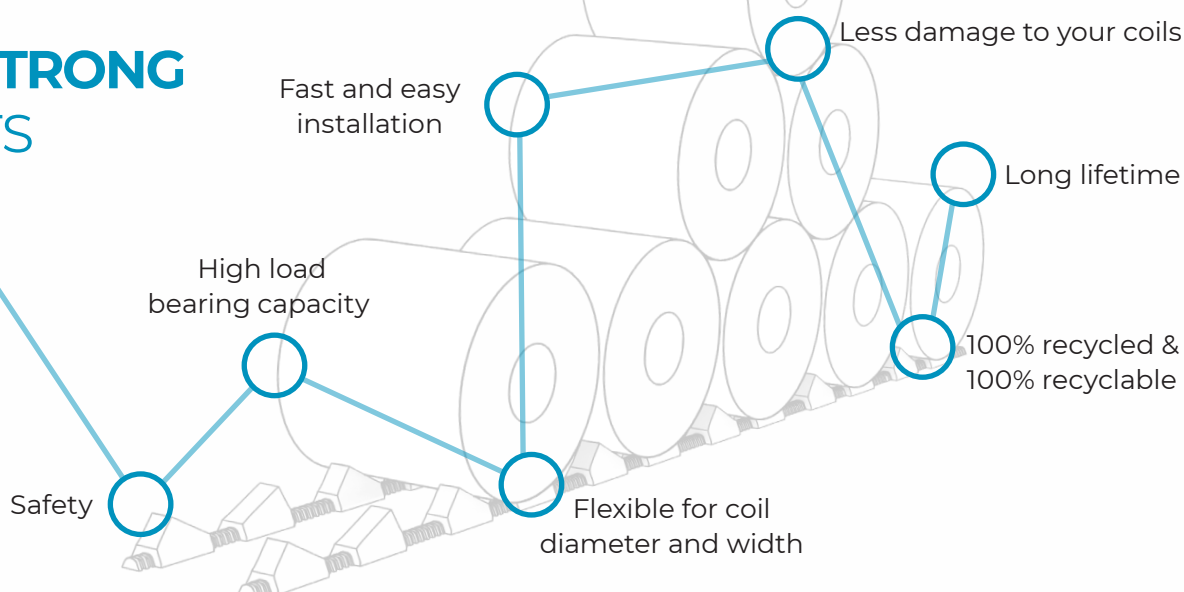
The KLP® Coil Storage and Transport Systems are manufactured from high quality and high impact resistant, moulded recycled plastics. This provides an enormous load bearing capacity, high strength properties and ductile, yet unbreakable characteristics.

Safety is the single most important factor in the design of KLP® Coil Storage and Transport Systems. It is designed into our coil storage systems to safeguard employees during coil handling, but also to protect your coils. When subjected to loading, KLP® flexes slightly, but will return to its original shape afterwards. It effectively cushions the heavy coil, significantly reducing the risk of damage to your coils compared to other storage methods.

Many of our products are evaluated and approved by TÜV Germany and Lankhorst Engineered Products is ISO 9001, ISO 14001 and ISO 45001 certified.



THE STRONG POINTS



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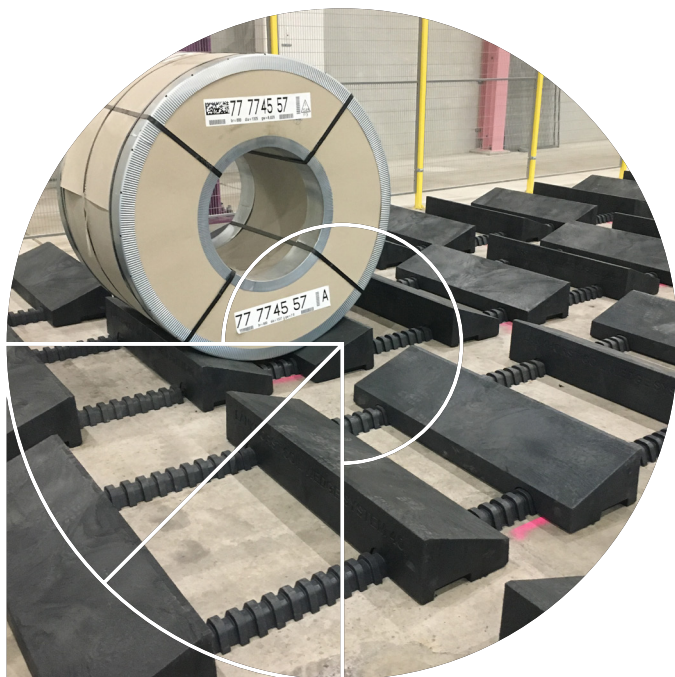
THE PRODUCTS

TURN-KEY SOLUTIONS
FOR ALL COILS

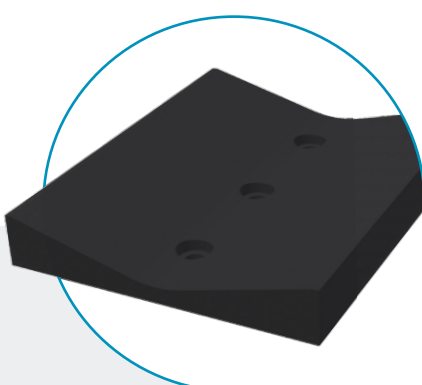
TAILORED TO EACH APPLICATION

Whether you want to store hot rolled, cold rolled, galvanized, painted or tin-plate (slit) coils, whether you want to store them single level, up to three levels high or if they need to be safe during transport – there is always a KLP® Coil Storage or Transport System that will fit your situation.

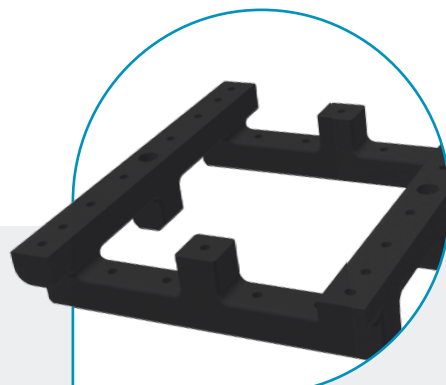
As an extra help Lankhorst has developed the KLP® Coilstacker, to assist customers in checking the safety of coil stacking. The KLP® Coilstacker software tool provides a simple, yet effective simulation of the Lankhorst coil storage system and your coils. You define the coils (diameter and weight) and the program will show you whether the stacking is safe or not. It will also tell you how many coils may be stored per row, providing a valuable insight into your total warehouse capacity.



MULTILEVEL



SINGLE LEVEL

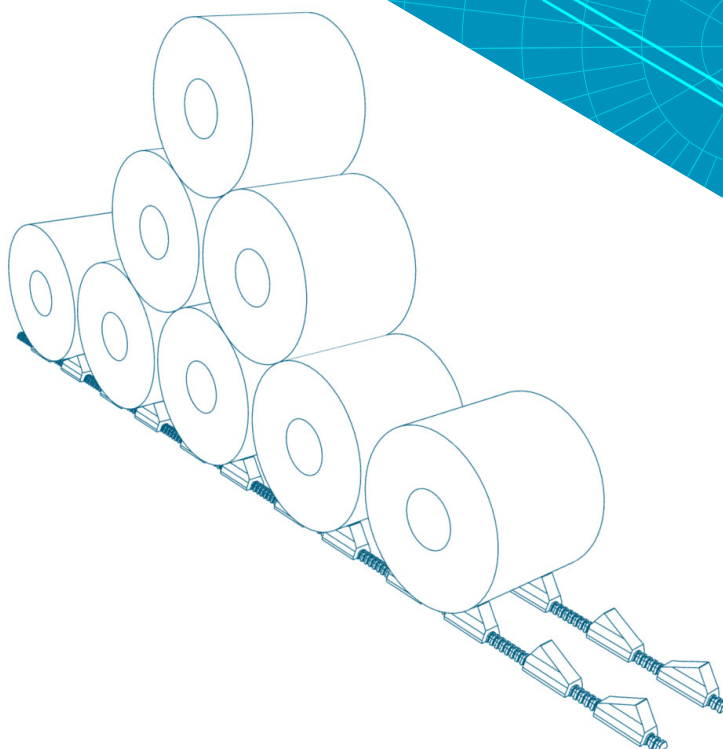


TRANSPORT

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MULTILEVEL

KLP® ROLLSTOP SYSTEM



KLP® ROLLSTOP SYSTEM

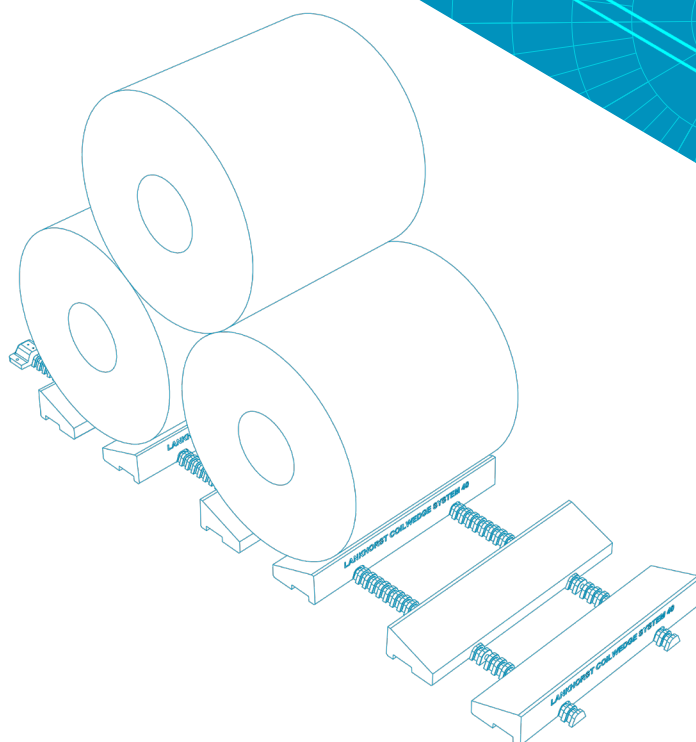
- ⚙ Up to 3 level stacking
- ⚙ One size fits all
- ⚙ KLP® Coilstacker software tool
- ⚙ Weather Resistant (WR) for outside storage available
- ⚙ Heat Resistant (HR) for coils up to 110 °C available

Model	Coil diameter range (mm)	Maximum coil load (tons) per 4 RollStops	Application
RSS100	700 - 2500	100	Coils ≤ 60 °C
RSS100 WR	700 - 2500	100	Weather Resistant
RSS100 HR	700 - 2500	100	Heat Resistant
RSS40	564 - 2500	40	Coils ≤ 60 °C
RSS40 WR	564 - 2500	40	Weather Resistant
RSS40 HR	564 - 2500	40	Heat Resistant

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MULTILEVEL

KLP® COILWEDGE SYSTEM



KLP® COILWEDGE SYSTEM

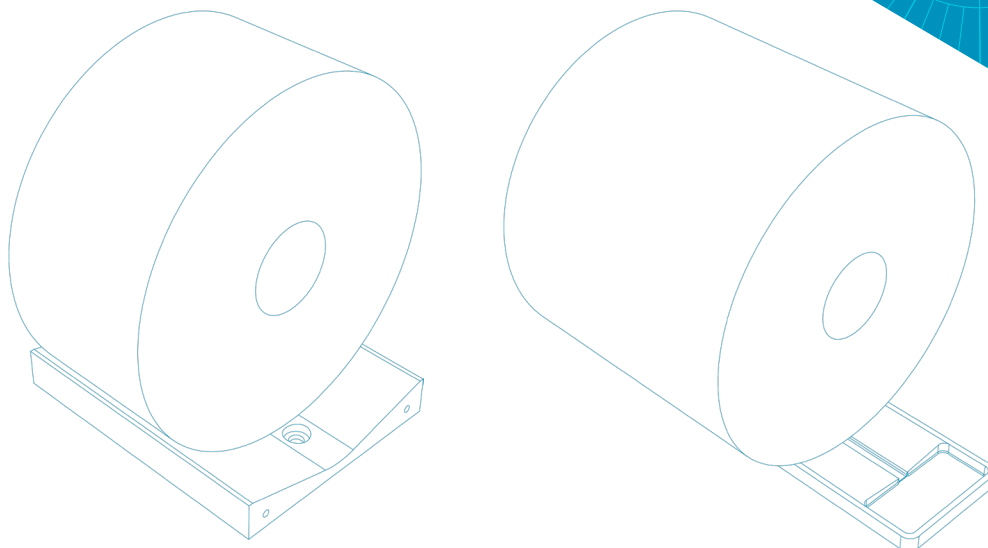
- ⊕ Up to 2 level stacking
- ⊕ One size fits all
- ⊕ Weather Resistant (WR) for outside storage available
- ⊕ KLP® Coilstacker software tool

Model	Coil diameter range (mm)	Maximum load (tons) using 2 CoilWedges	Type of rail	Length (mm)	Width (mm)
CWS40 120/34	546 - 2500	40	RS40	1200	340
CWS40 120/43	672 - 2500	40	RS40	1200	430
CWS40 150/34	546 - 2500	40	RS40	1500	340
CWS40 150/43	672 - 2500	40	RS40	1500	430
CWS80 120/45	727 - 2500	80	RS100	1200	450
CWS80 150/45	727 - 2500	80	RS100	1500	450

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SINGLE LEVEL

KLP® STORAGEBLOCKS
AND OILTRAYS



KLP® STORAGEBLOCKS AND OILTRAYS

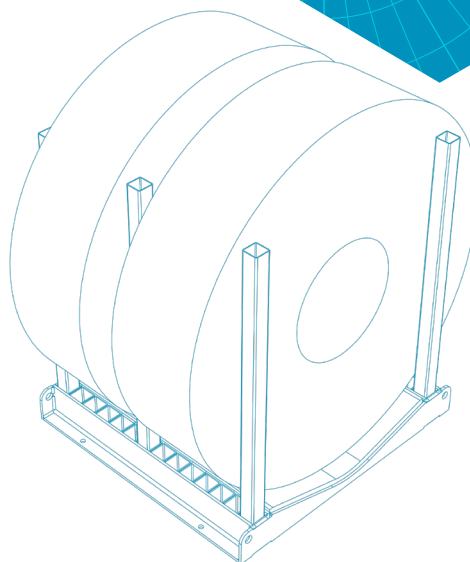
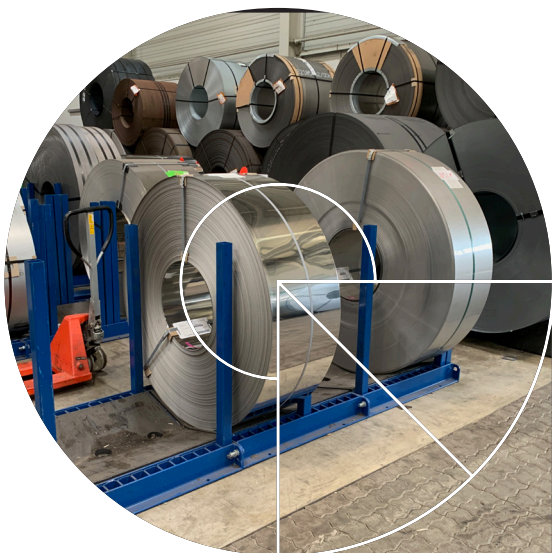
- ⊕ Maximum stability due to V-shaped floor pads
- ⊕ Heat Resistant (HR) for coils up to 110 °C available
- ⊕ Groove in the centre to allow drainage of oil
- ⊕ Oiltray available in three models; Straight, Straight-stopped and Reservoir
- ⊕ Steel frames for slit coils

Model	Coil diameter range (mm)	Maximum coil load (tons)	Chock angle (°)	Length (mm)	Width (mm)	Height (mm)
Storageblock 74x80x14	500 - 2400	25	15	740	800	135
Storageblock 100x80x14	500 - 2400	60	15	1000	800	135
Storageblock HR 100x80x14	500 - 2400	60	15	1000	800	135
Storageblock 150x80x14	500 - 2400	60	15	1500	800	135
Oiltray 150x45x5	500 - 2500	50	6	1500	455	55
Oiltray HR 150x45x5	500 - 2500	50	6	1500	455	55
Oiltray 165x45x5	500 - 2500	50	6	1650	455	55
Oiltray 200x45x5	500 - 2500	50	6	2000	455	55

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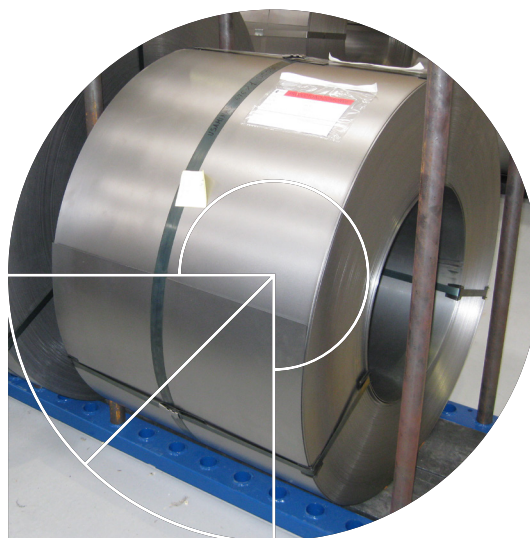
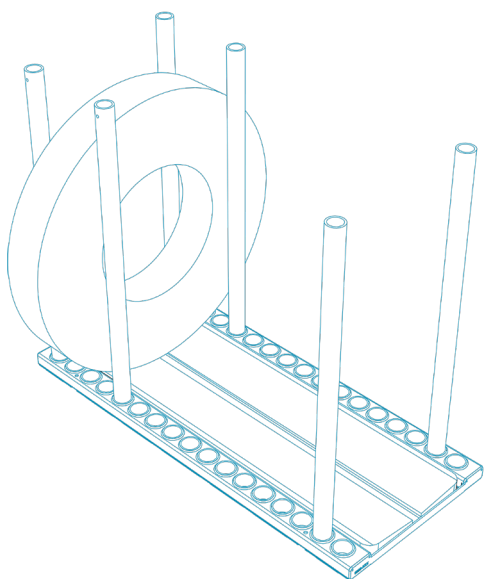
SINGLE LEVEL

STEEL FRAMES



STEEL FRAMES FOR SLIT COILS

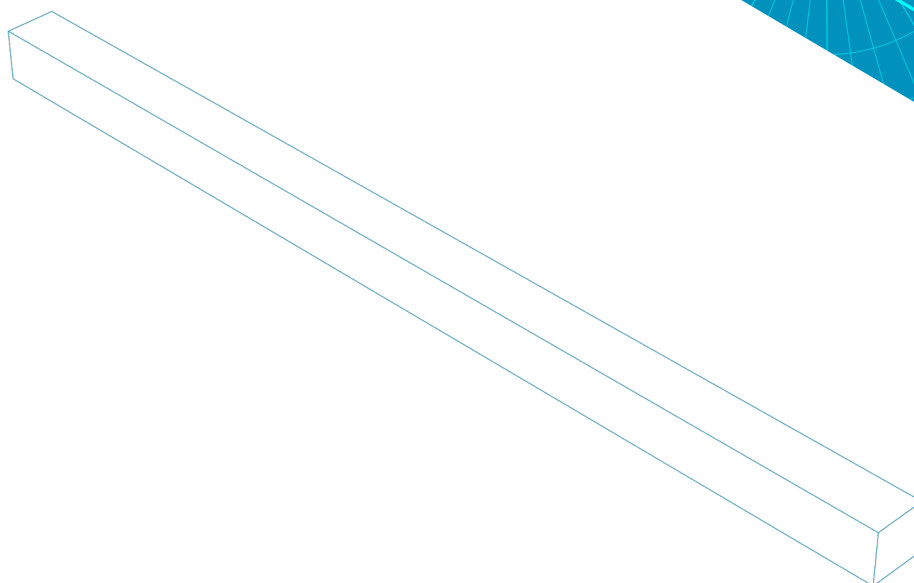
- ⓐ Flexible and safe storage of slit coils
- ⓐ Available for KLP® Storageblock 100x80x14
- ⓐ Available for KLP® Oiltray 150x45x5



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SINGLE LEVEL

KLP® STORAGEBEAMS



KLP® STORAGEBEAMS

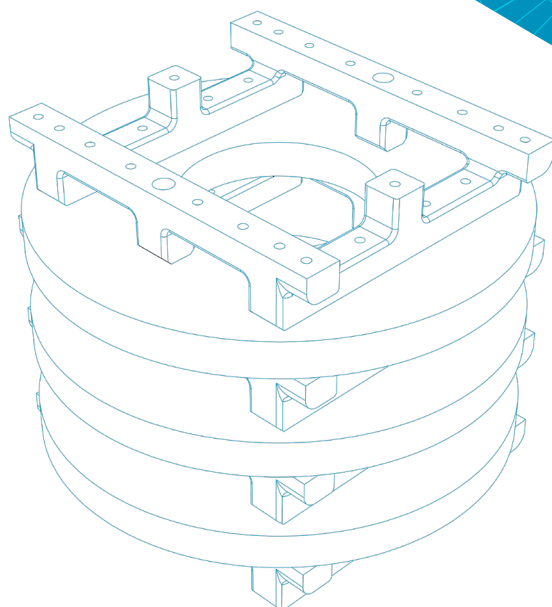
- ⊕ Safe and simple storage of (slit) coils, rollers, presses and other heavy machine parts
- ⊕ For loads up to 38 kg/cm²
- ⊕ Splinter free
- ⊕ Oil resistant
- ⊕ Reusable

Length (mm)	Width (mm)	Height (mm)
2500	75	75
2000	100	100
2500	100	100
3000	100	100
5000	100	100
2500	250	150

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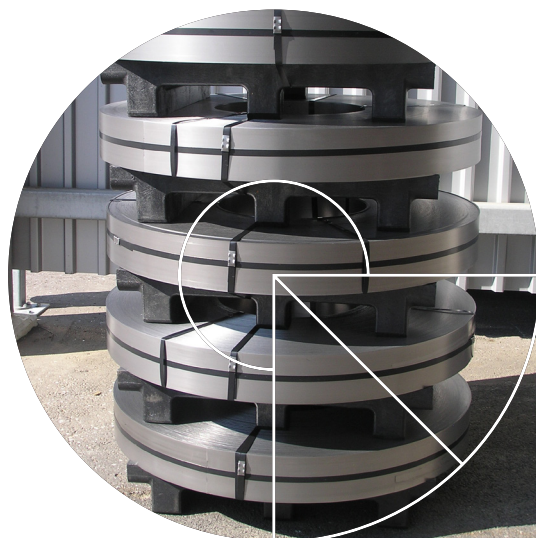
TRANSPORT

KLP® SLITCOIL CARRIER



KLP® SLITCOIL CARRIER

- ⊕ For loads up to 15 tons
- ⊕ Wide and high fork lift entries
- ⊕ One-piece pallet without nails (type A)
- ⊕ Large bearing surface
- ⊕ Reusable

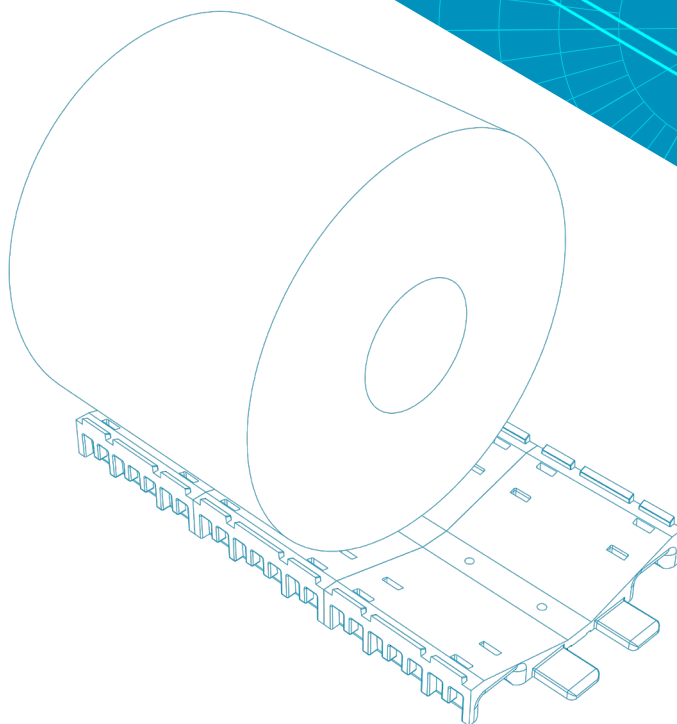


Model	Coil diameter range (mm)	Maximum coil load (tons)	Weight (kg)	Length (mm)	Width (mm)	Height (mm)
Type A	900 - 1250	15	20	840	1000	180
Type B	700 - 1700	15	25	1129	1390	180

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TRANSPORT

KLP® COIL CARRIER CONNECT



KLP® COIL CARRIER CONNECT

- Ⓜ Coil storage in river barges
- Ⓜ For loads up to 40 tons
- Ⓜ For any coil diameter and width
- Ⓜ Adjustable lengths
- Ⓜ Easy to install, uninstall, remove and reinstall
- Ⓜ Quicker loading and unloading
- Ⓜ Less workers needed



THE HISTORY

OF LANKHORST

1803

Nicolaas Jurjan Lankhorst started a rope manufacturing company in Sneek, the Netherlands. Natural fibres were used for production of the ropes.

1964

Synthetics were introduced in rope production, resulting in a more consistent product quality and longer service life.

1975

The waste material of synthetic rope production proved to be useful. Lankhorst started to manufacture the first products made from 100% recycled polymers.

1981

The world's first coil storage chock from recycled plastics was developed and produced.

1985

Creation and installation of the first KLP® Rollpallet and KLP® Rollblock.

2005

The KLP® RollStop System was developed and installed.

2013

Development and installation of the first KLP® CoilWedge System.

2024

The production of KLP® Coil Storage and Transport Systems has repurposed over 50 million kilograms of plastic waste, preventing it from incineration or becoming landfill.

