KEEPING SCHEDULES ON THE RIGHT TRACK

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MAMMOET SKIDDING SYSTEM







The continuous quest for margin optimization has been the driver behind many developments, such as the construction of new plants and the expansion of existing facilities. Many of these activities involve the horizontal transportation of heavy loads. Swift, safe and cost-effective transportation and installation of the necessary components can significantly reduce the time to market. Mammoet's skidding system can help attain this by providing a safe and efficient method for moving heavy and oversized loads along a linear path. It is particularly well suited to situations where extremely heavy loads have to be transported within confined areas. The skidding system is also often deployed when objects have to be moved in areas with limited vertical clearance.

Composed of a set of skid shoes positioned in a track fitted with Teflon pads, Mammoet's skidding system is used for transporting extremely heavy loads across a short distance. It can move components, platforms and even entire buildings. The skidding system combines high capacity lifting with a small footprint, making it a suitable alternative to cranes, trailers and SPMTs for sites with restricted space. For example, one skid shoe with a span of just five meters has equivalent lifting power to 20 axle lines of SPMTs, which would span 30 meters.

Mammoet's skidding system has been designed with maximum compatibility in mind.

ADVANTAGES

- 1. Unlimited capacity
- 2. Limited footprint
- 3. Millimeter precision
- 4. Efficient use of force
- 5. Internal absorption of friction forces
- 6. Maximum compatibility
- 7. Easy to ship and install

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Mammoet's skidding system can efficiently move extremely heavy loads while using a limited amount of space, making it ideal for sites where obstacles such as power lines or buildings prevent the use of cranes or trailers.

UNLIMITED CAPACITY

Each individual skid shoe or track has a capacity between 60 and 700 metric tons. This capacity can be increased by using more skid shoes or skid beams. The system can therefore move objects of virtually any size and weight, provided that the ground is capable of distributing the ground-bearing pressure.



LIMITED FOOTPRINT

Compared to other systems, it is capable of moving heavy loads with relatively minimal equipment, making it ideal for use in confined spaces.

MILLIMETER PRECISION

The skidding system is computer controlled and capable of managing movements up to the millimeter, making it ideally suited for situations in which maximum precision is required.

EFFICIENT USE OF FORCE

The tracks of Mammoet's skidding system are made out of metal and have been fitted with Teflon pads. When the Teflon pads and the stainless steel bottom of the skid shoe or skid beam are combined with a lubricant, friction is reduced allowing the push-pull cylinder to move large and heavy loads while using only limited force.



MAMMOET'S SKIDDING SYSTEM FLEET

Mammoet has a variety of hydraulic skid shoes and skid beams available. Their individual capacity ranges between 60 and 700 metric tons. They can be combined to provide a higher cumulative capacity. The skid beams and shoes also vary in height.

> Mammoet Skidding Systems are deployed in a wide variety of project for different types of skidding operations – ranging from relatively small operations for which a 60 metric tons man-handled system is sufficient, up to the

fully automated skidding of large modules, structures or platforms weighing tens of thousands of metric tons requiring combined capacity and dedicated software solutions.

	MAXIMUM CAPACITY	SKID SHOE / SKID BEAM
Medium Skidding System	200 t	Skid beam
Medium Free Span Skidding System	168 t	Skid beam
Heavy Skidding System 600 t	600 t	Skid shoe or skid beam
Heavy Skidding System 700 t	730 / 873* t	Skid shoe

*limited number of units available

KEEPING SAFE

Built to the highest safety standards as verified and certified by Lloyd's register, the system has unique features such as a built-in emergency brake system that enhance safety and reliability. Our skidding systems are also subject to strict maintenance schedules to ensure maximum uptime.















MAMMOET HAS OVER 140 OFFICES AND BRANCHES WORLDWIDE. Below are the Mammoet regional head offices on each continent. To contact an office near you, please visit www.mammoet.com/contact and select 'Find an office'.



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