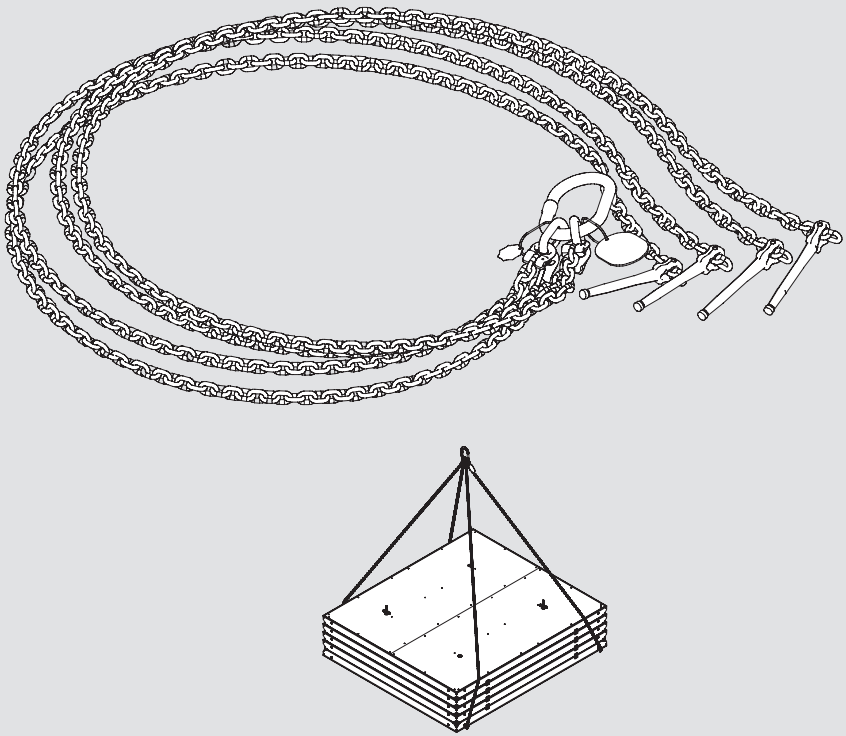
Lifting Gear MX

Item no. 117322

Translation of the Original Instructions for Use

CE



Edition 10 | 2013

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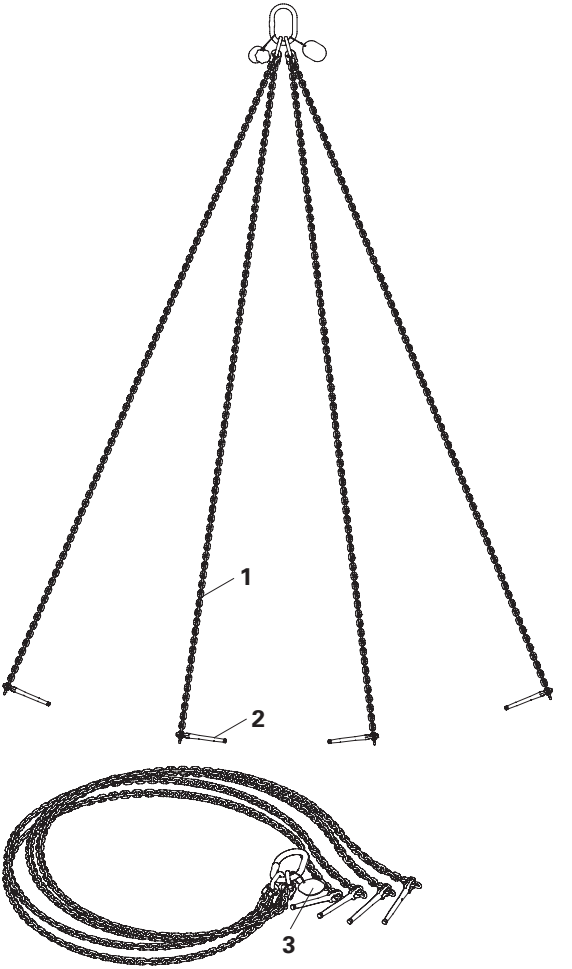
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Key

 Safety Instructions  Visual Check  Note

Introduction

Overview



(1) Chain
(2) Locking pin
(3) Type Tag

Introduction

Safety instructions

General

1. Deviations from the intended use present a potential safety risk!

2. When using PERI load-carrying equipment, the Instructions for Use and details provided on the type plate are always to be taken into consideration!

3. When using, checking and inspecting our products, all country-specific regulations, standards and all other safety-relevant guidelines must be compiled with!

4. The contractor must ensure that the Instructions for Use provided by PERI are available and easily accessible for site personnel throughout the duration of the project!

5. The contractor can only assign those persons to independently use the load-carrying equipment who are actually familiar with the task!

6. PERI load-carrying equipment is to be used accordingly so that persons are never put at risk in any way!

7. Only sufficiently load-bearing and even storage or stacking areas are to be used!

8. The maximum bearing capacity of PERI load-carrying equipment must not be exceeded!

9. PERI load-carrying equipment must be protected against the effects of the weather and aggressive materials if safety is then likely to be affected!

10. All persons using the load-carrying equipment must check the equipment during use for obvious defects (e.g. deformations, cracks, breaks, incomplete markings)!

11. Damaged or defective load-carrying equipment must not be used!

12. PERI load-carrying equipment may not be used with missing or illegible type plate and/or inspection sticker!

13. The load-carrying equipment is to be used accordingly so that persons in the area being used to transport the load are not put at risk. It is forbidden for any person to remain under a load that is being lifted!

Introduction

Safety instructions

Product-specific

1. The person who attaches the load to the load-carrying equipment must be sufficiently secured against falling. The load is to be secured against tipping over and sliding!

2. Ensure that loads are evenly balanced when being picked up! Loads must be sufficiently stable both in their form and position so that the load does not move during transportation!

3. Loads are to be moved with the load-carrying equipment only during calm or light wind conditions! Safe moving of the elements must be ensured at all times!

4. Depending on the wind-exposed surface of the load and the wind speed, safety can be affected during transportation! A decision regarding safe use is to be taken on site!

5. Persons are not to be transported!

6. Ensure that the load is in a safe and secure position before releasing the load-carrying equipment!

7. Always lift up or set down loads smoothly without any jerking!

8. During the lifting and moving procedure, ensure that all loose parts are removed or secured!

9. During transport and storage, the load-carrying equipment must be positioned and secured so that it cannot fall off or slide. Do not place any loads on the load-carrying equipment!

10. Ensure that the chains remain knot-free! Ensure that the lifting chains of the load-carrying equipment are not wrapped around the load to be transported nor stretched over sharp edges! Twisted chains must be straightened!

Introduction

Intended use

1. PERI products have been designed as technical work equipment for exclusive use in the industrial and commercial sectors by suitably trained personnel.

2. These Instructions for Use contain information regarding proper handling and correct application of the equipment.

3. The product described here is load-carrying equipment and serves only to move stacks of PERI MAXIMO and TRIO system elements over the area near the ground.

4. The product is suitable for use in ambient temperatures from -20°C to +60°C.

5. Changes and modifications to PERI components are not permitted and represent a misapplication with associated safety risks.

6. Components provided by the contractor must conform with the characteristics required in these Instructions for Use as well as all valid construction guidelines and standards.

In particular, the following applies if nothing else is specified:
– timber components: Strength Class C24 for Solid Wood EN 338.
– scaffold tubes: galvanised steel tubing with minimum dimensions Ø 48.3 x 3.2 mm according to EN 12811-1:2003 4.2.1.2.
– scaffold tube couplings according to EN 74.

7. Only PERI original components may be used. The use of other products, in particular as spare parts, represents a misapplication with associated safety risks.

8. The product described here corresponds to the relevant provisions and regulations of EU Directive 2006/42/EC.

9. These Instructions for Use serve as a basis for the project-related risk assessment as well as instructions for the provision and use of the system by the contractor (user). However, they do not replace them.

Introduction

Checks and Inspections

1. General
According to Paragraph 3 of the Industrial Safety Regulations, the contractor is responsible for determining the type, range and deadlines regarding the required checks to be carried out on the work equipment. As a result of these checks, any safety-related defects are to be systematically identified and remedied.

2. Purpose
Due to the check carried out before the initial operations as well as regularly recurring inspections of the load-carrying equipment, it can be ensured that operational and functional reliability is guaranteed.

3. Responsibility
The contractor must ensure that load-carrying equipment can only be put into service if it has been inspected by a technical expert and all defects have been addressed and any non-functioning equipment has been replaced.

4. Inspection
4.1 Instigating the safety inspection
The contractor arranges for the inspection to be carried out by a technical expert before initial operation of the load-carrying equipment commence.

4.2 Implementing the inspection
The inspection includes a visual and functional check.

Visual Check
– deformation and wear of all parts
– mechanical damages
– availability of all components
– damage due to corrosion
– cracks on welding seams and individual components

Functional Check
– free and easy movement of moving parts
– locking system works correctly
– safety pawls and safety hooks engage
– eyes or shackles for fastening purposes are usable

Implementation of anything beyond the usual scope of inspection is subject to the discretion of the technical expert and can extend to additional checks.

4.3 Measures
If any defects have been determined as a result of the safety inspection, these must be eliminated according to specifications provided by the technical expert. A new inspection is subsequently to be carried out.

Only PERI original components may be used as spare parts.

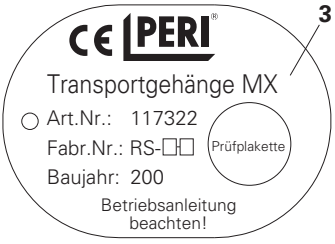
Classification

Type Tag, Inspection Plate

The Lifting Gear MX is not to be used if the type tag or inspection plate is missing or illegible.
Arrange an inspection to be carried out by an expert and then attach new type tag and/or inspection plate!

Type Tag (3)

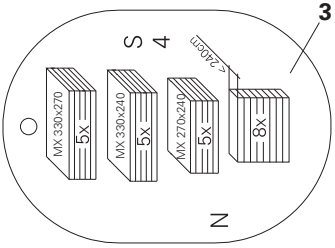
Front side:





Inspection Plate
It documents the next inspection date.

Rear side:

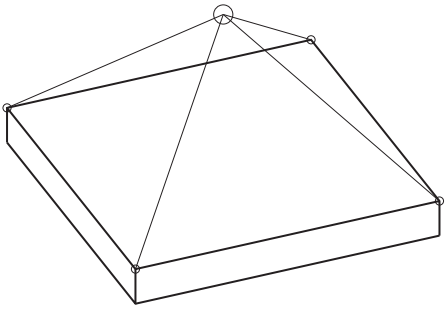


Load-bearing capacity

Only panels of the same size are to be transported in stacks!

Load Factor: 4
(according to DIN 13155)

Permissible load-bearing capacity:
5 panels 330 x 270/240
5 panels 270 x 240
8 smaller-sized panels

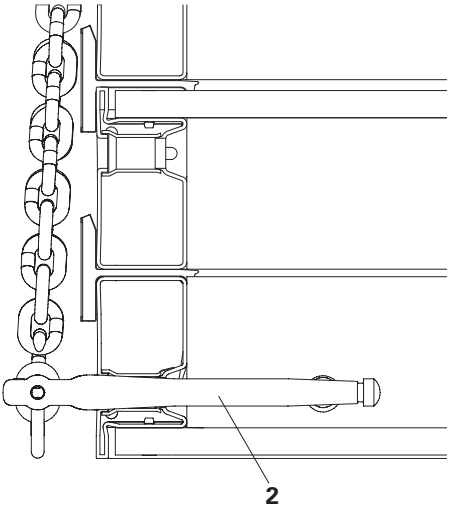


Application

Moving with locking pins

Moving formwork panels of other formwork systems is not allowed! Always use four locking pins!

The locking pins (2) of the Lifting Gear MX allow the transportation of horizontally-positioned individual panels as well as stacks of panels by crane close to the ground whilst observing the permissible load-bearing capacity.
Locking pins (2) are inserted as far as they will go.



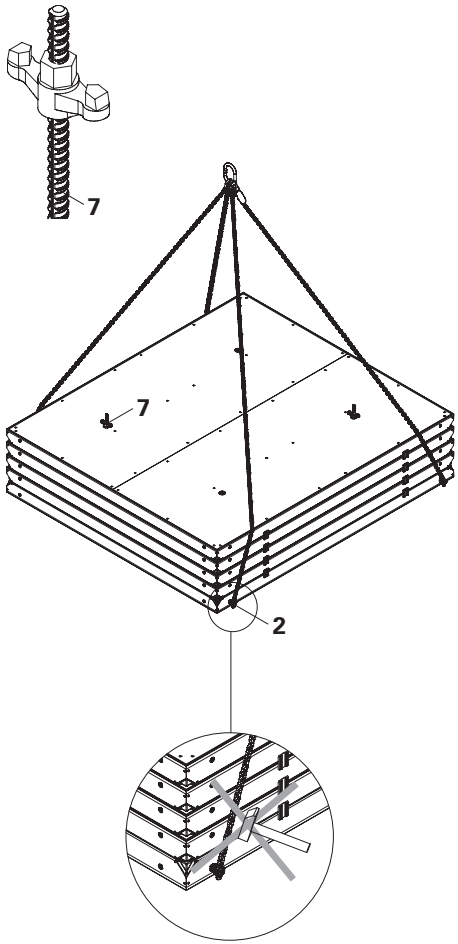
Application

Using the locking pins:
1. Clean tie rod holes.
2. Use stacking aid.
3. Insert two tie rods (7) diagonally through the tie holes. Insert tie rods through all panels.
4. Secure at the top with wingnuts.
5. Insert four locking pins (2) as far as they will go into the lifting holes of the bottom panel.
6. Transport the panel.

The panels are prevented from moving through the tie rods. Due to its design, the locking pin is self-securing.

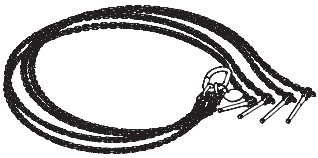
Alternative: secure the stack of panels against moving by means of a steel band.

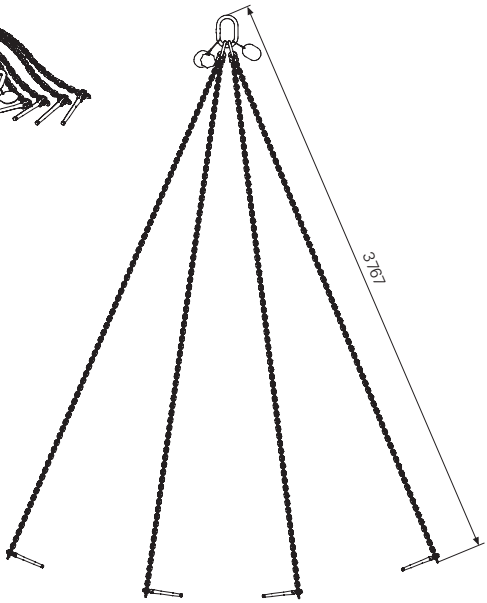
Check all four locking pins to ensure they are correctly in position.



Components

Item no.	Weight kg	
117322	25,200	**Lifting Gear MX** For transporting stacks of MAXIMO and TRIO panels.





EC Declaration of Conformity

EG-Konformitätserklärung

im Sinne der EG-Richtlinie 2006/42/EG
Anhang II,1.A

In der Gemeinschaft ansässige Person, die bevollmächtigt ist, die technischen Unterlagen zusammenzustellen:

Dipl.-Ing. Rainer Bolz
PERI GmbH
Rudolf-Diesel-Straße 19
89264 Weißenhorn

Beschreibung und Identifizierung der Maschine:

Produktgruppe:	Wandschalung
Typ:	Lastaufnahmemittel
Artikel-Nr.:	117322
Handels-Bez.:	Transportgehänge MX

Es wird ausdrücklich erklärt, dass die Maschine allen einschlägigen Bestimmungen der folgenden EG-Richtlinien entspricht:

EG Maschinenrichtlinie 2006/42/EG

Fundstelle der angewandten harmonischen Normen entsprechend Artikel 7, Absatz 2:

EN 13155: 2009-08
EN 14121: 2009-09
EN 1677
EN 818

Weißenhorn, 02.10.2013

Hersteller
PERI GmbH
Postfach 1264
89259 Weißenhorn

Leitung Produktentwicklung

Dipl.-Ing. Rainer Bolz
PERI GmbH

EC Declaration of Conformity

This document is a translation into English from the German original.

EC Declaration of Conformity

as defined in EU Directive 2006/42/EC
Appendix II,1. A

Person residing within the Community authorised to compile the relevant technical documentation:

Dipl.-Ing. Rainer Bolz
PERI GmbH
Rudolf-Diesel-Strasse 19
89264 Weissenhorn Germany

Description and identification of the machinery:

Product group:	Wall Formwork
Type:	Load-Carrying Equipment
Item no.:	117322
Trade name:	Lifting Gear MX

It is expressly declared that the machinery fulfils all relevant provisions of the following EU Directives.

EU Machine Guidelines 2006/42/EC

Reference to the harmonised standards used, as referred to in Article 7 Annex 2:

EN 13155: 2009-08
EN 14121: 2009-09
EN 1677
EN 818

Weissenhorn, 02.10.2013

Manufacturer
PERI GmbH
P.O. Box 1264
89259 Weissenhorn

Head of Product Development

Dipl.-Ing. Rainer Bolz
PERI GmbH

The optimal System for every Project and every Requirement



Wall Formwork



Column Formwork



Slab Formwork



Climbing Systems



Tunnel Formwork



Bridge Formwork



Shoring Systems



Construction Scaffold



Facade Scaffold



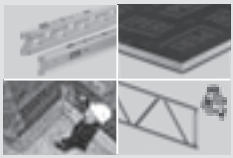
Industrial Scaffold



Access



Protection Scaffold



System-Independent Accessories



Services

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