

# Platform MXP

The modular platform system  
for MAXIMO and TRIO



Edition 04 | 2011

**PERI GmbH**  
**Formwork Scaffolding Engineering**

P.O. Box 1264

89259 Weissenhorn

Germany

Tel. +49 (0) 7309.950-0

Fax +49 (0) 7309.951-0

info@peri.com

www.peri.com

**Important Notes:**

Without exception, all current safety regulations must be observed in those countries where our products are used.

The illustrations in this brochure are photographs of real site situations. Safety or formwork anchor details are therefore not to be taken as a definitive guide to the way the equipment is to be used.

Safety instructions and load specifications are to be strictly observed at all times. Separate structural calculations are required for any deviations from the standard design data.

The information contained herein is subject to technical changes in the interests of progress. Errors and typographical mistakes reserved.

# Content

## **PERI Platform MXP**

- 2 The modular platform system for a high level of safety on the construction site
- 4 System components for efficient working areas and safe access means
- 6 Simple and fast assembly to MAXIMO and TRIO panels
- 8 Components
- 16 PERI International

# Platform MXP

## The modular platform system for a high level of safety on the construction site

In order to meet the high safety requirements on the building site, PERI developed a new platform system for MAXIMO and TRIO panel formwork.

Thanks to its unique design, the new MAXIMO MXP platform system provides maximum safety for all formworking operations on the construction site:

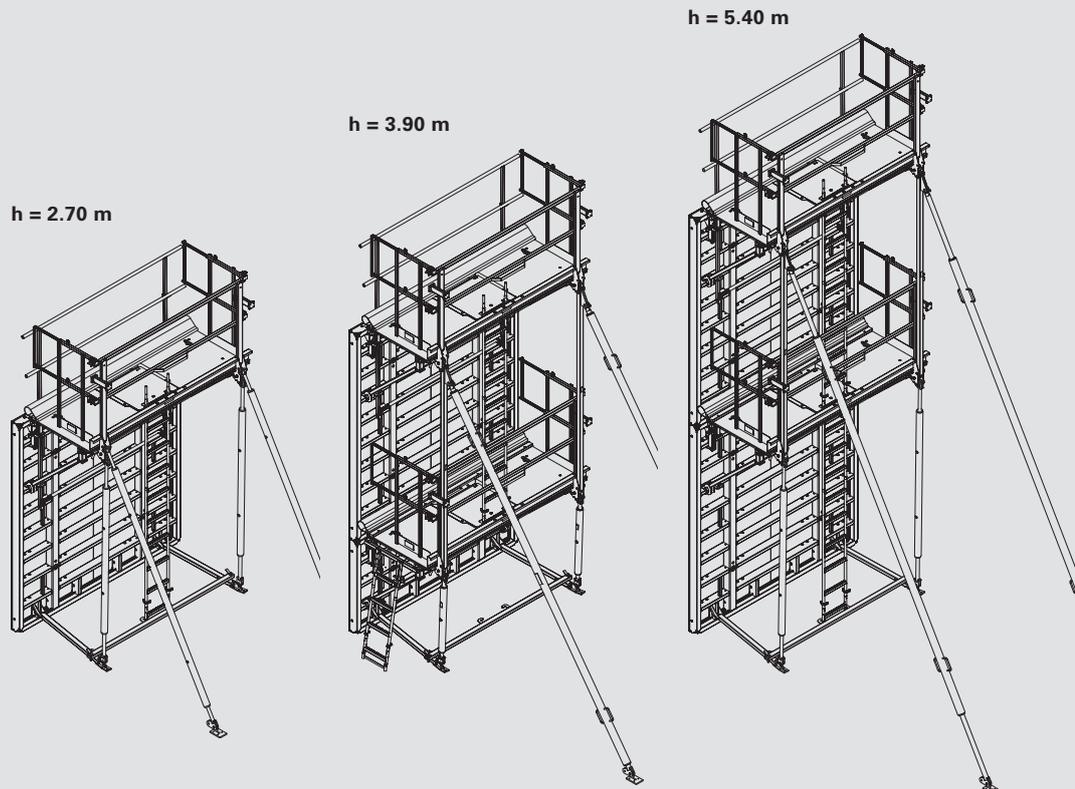
- Easy and simple tie operations.
- Simple attachment and removal of panel connections by means of BFD alignment couplers.
- Safe working conditions during concreting.
- Ideal access from all sides, also to the stopend formwork.



Safe working conditions on the MXP platform.

### A complete programme

As the platforms are matched to suit the panel widths of the MAXIMO and TRIO systems, the high flexibility of the panel formwork remains completely unchanged. The platforms are available in 240, 120, 90 and 72 cm widths. Further system components such as the MXP end platform MXP, the front guardrails in different widths and the MXP erection device round off the programme and ensure efficient and safe formworking operations.



6.60 m high MAXIMO complete with  
MXP platforms and ladder access.



# Platform MXP

## System components for efficient working areas and safe access means



### **MAXIMO Platform MXP**

The 1.20 m wide and level platform provides optimal working conditions on the construction site. High safety levels and efficient working are always assured.

The systematic arrangement of the platforms offers safe access to all tie points and easy to use panel connections.

The wide, self-locking and lightweight access hatch made of aluminum allows safe access to the platform and, if required, from platform to platform.

### **Guardrails on the formwork side (front side of platform)**

The Front Guardrail MXP is integrated in the system and is extendable from below. It provides the required safety and the necessary protection on the formwork side. Thanks to the available widths of 240, 120, 90 and 72 cm, the flexibility of the MAXIMO and TRIO panel formwork also remains here completely intact.

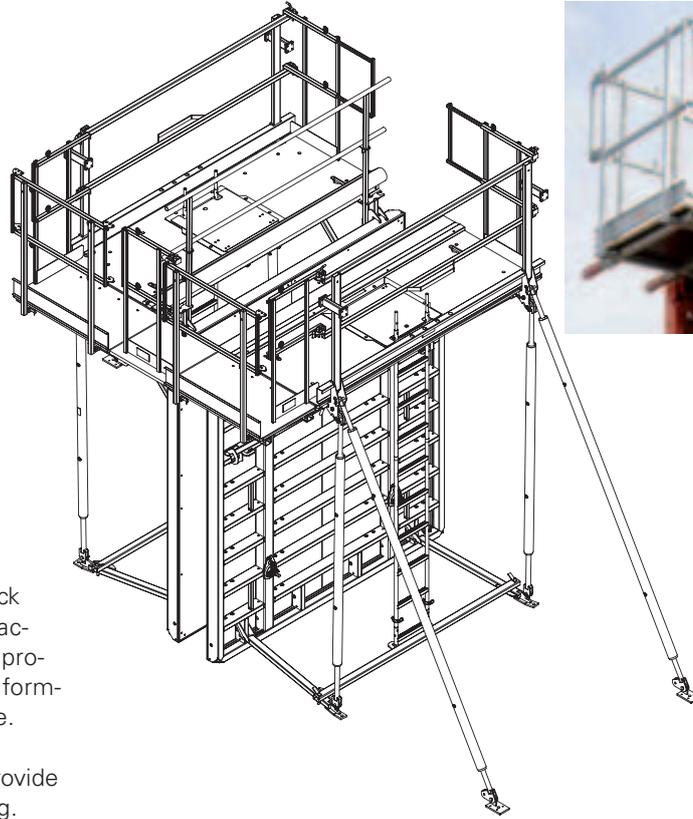
### **Protecting the formwork against soiling**

A hinged cover made of rubber on the front side of the platforms ensures maximum protection against soiling. As a result, the amount of cleaning required is greatly reduced and formworking operations become more efficient.

### **Safe tie operations**

The arrangement of the platforms allows easy tie operations. The top tie of the 2.70 m high panel can also be installed and removed without any problems.





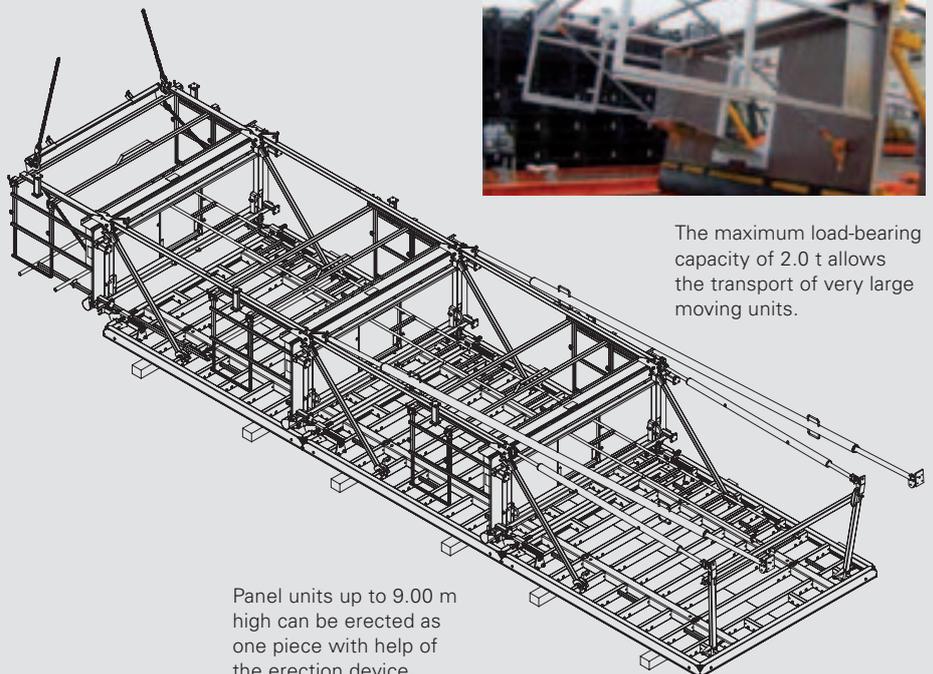
The MXP platform guardrails are simply folded downwards.

**The End Platform MXP**

This is extremely important for thick and high walls. Through this, safe access to the front areas along with providing easier movement from one formwork side to the other are possible. The well-engineered design of the guardrails on the main platforms provide end-to-end protection against falling.

**The Erection Device MXP**

The MXP erection device is used for the safe erection and moving of complete formwork units (formwork panels with platforms and push-pull props). The integrated crane eyes are positioned in the load centre of gravity and ensures vertical lifting operations. This means that the units are suspended perpendicularly, and large elements can also be moved.



The maximum load-bearing capacity of 2.0 t allows the transport of very large moving units.

Panel units up to 9.00 m high can be erected as one piece with help of the erection device.



# Platform MXP

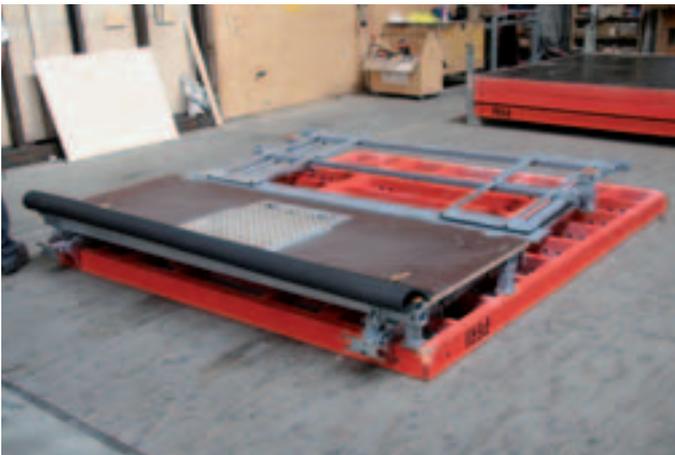
## Simple and fast assembly to MAXIMO and TRIO panels



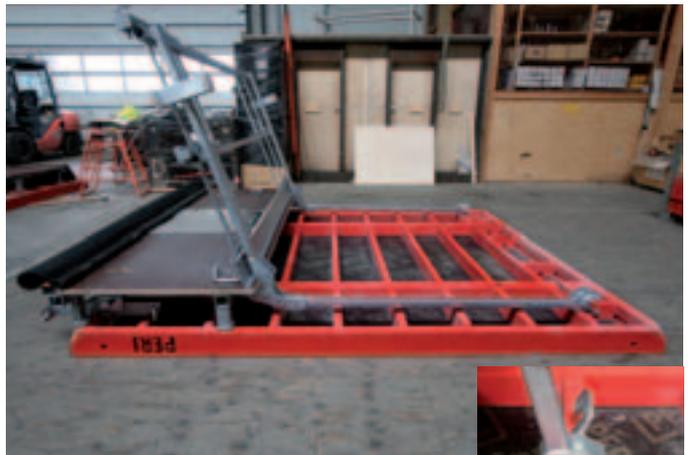
1. For first time usage, install Connector for Platform MXP in the panel struts.



2. Position Platform MXP on the panel by means of crane lifting chains.



3. Bolt the Platform MXP to the Connector for Platform MXP.



4. Fold out guardrails and swivel up the platform.



5. Secure diagonal bracing in the panel struts.



6. Mount push-pull props and horizontal struts.

**High rigidity for maximum concreting heights up to 9.00 m**

The high rigidity of the MAXIMO and TRIO panels together with the perfect BFD panel connection allow basic assembly of the units on the ground. Naturally, MAXIMO and TRIO panels also provide the required strength and stability in order to be able to ensure cost-effective concreting at these large heights. With up to 80 kN/m<sup>2</sup> permissible fresh concrete pressure, concreting can take place very quickly.



7. Panel erection



The high rigidity of the panels and the panel connection allow concreting at large heights. As a result, the MXP platform provides maximum working safety.

# MAXIMO Panel Formwork



Item no.	Weight kg
115935	169,000
115937	137,000

**Platforms MXP with Hatch**  
**Platform MXP 240 x 100 with Hatch**  
**Platform MXP 120 x 100 with Hatch**

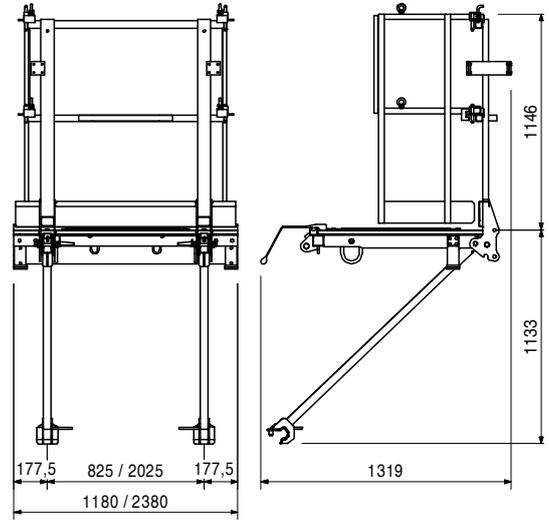
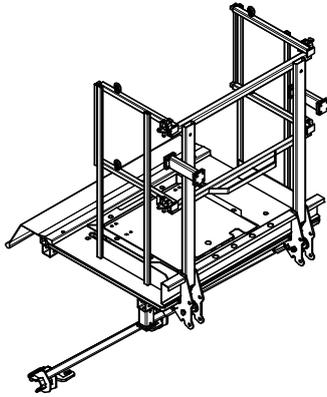
Working and Concreting Platform for MAXIMO and TRIO. With self-locking access hatch. With End Guardrail.

**Complete with**

- 1 pc. 115945 End Guardrail MXP left
- 1 pc. 115946 End Guardrail MXP right

**Technical Data**

Permissible load 150 kg/m<sup>2</sup>.



Accessories

115947	13,000
--------	--------

**Connector for Platform MXP**

115936	188,000
115938	131,000

**Platforms MXP without Hatch**  
**Platform MXP 240 x 100 without Hatch**  
**Platform MXP 120 x 100 without Hatch**

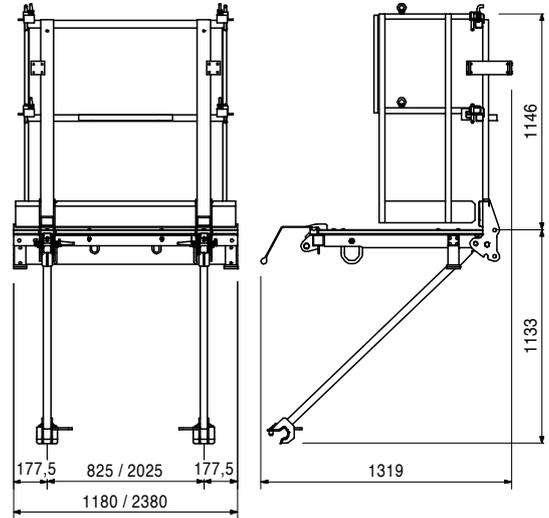
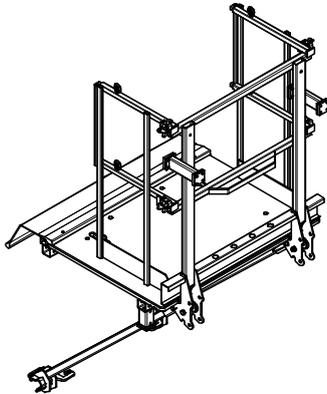
Working and Concreting Platform for MAXIMO and TRIO. With End Guardrail.

**Complete with**

- 1 pc. 115945 End Guardrail MXP left
- 1 pc. 115946 End Guardrail MXP right

**Technical Data**

Permissible load 150 kg/m<sup>2</sup>.



Accessories

115947	13,000
--------	--------

**Connector for Platform MXP**

# MAXIMO Panel Formwork



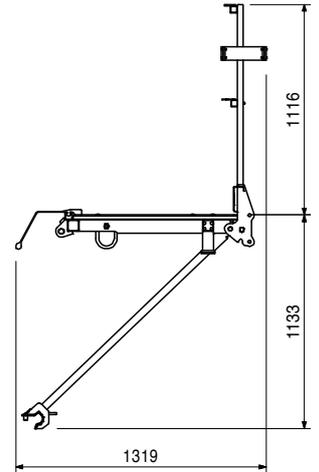
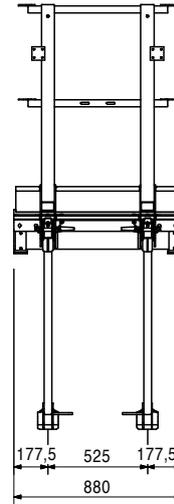
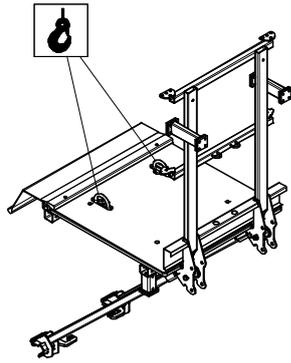
Item no.	Weight kg
115939	94,600

## Platform MXP 90 x 100

Working and Concreting Platform for MAXIMO and TRIO.

## Technical Data

Permissible load 150 kg/m<sup>2</sup>.



### Accessories

115947	13,000
--------	--------

## Connector for Platform MXP

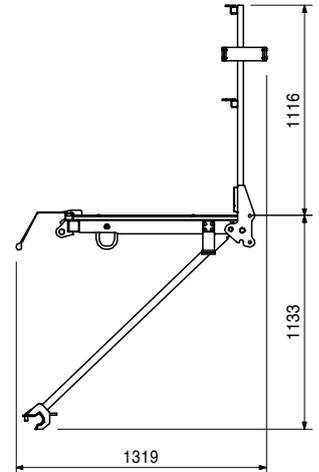
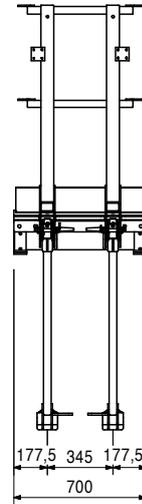
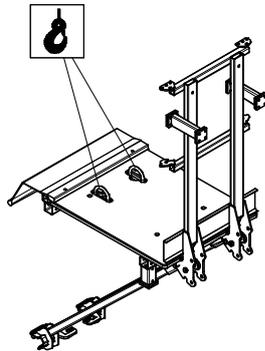
115940	85,700
--------	--------

## Platform MXP 72 x 100

Working and Concreting Platform for MAXIMO and TRIO.

## Technical Data

Permissible load 150 kg/m<sup>2</sup>.



### Accessories

115947	13,000
--------	--------

## Connector for Platform MXP

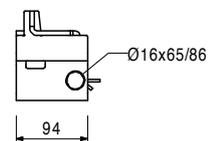
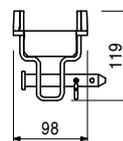
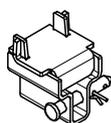
115948	1,460
--------	-------

## Adaptor for Connector Platform MXP

For the flexible use of Platforms MXP on cross-beams of turned (horizontal) MAXIMO and TRIO panels.

## Complete with

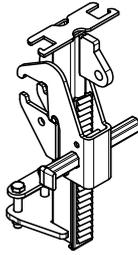
- 1 pc. 018050 Bolt Ø 16 x 65/86, galv.
- 1 pc. 018060 Cotter Pin 4/1, galv.



Item no.	Weight kg
115947	13,000

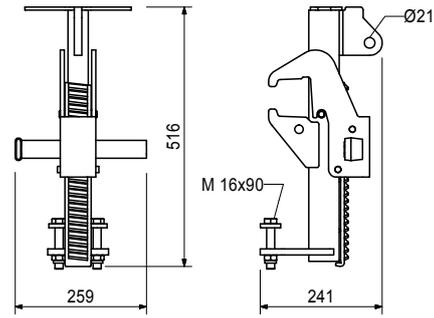
### Connector for Platform MXP

For assembling Platforms MXP to MAXIMO and TRIO panels.



### Complete with

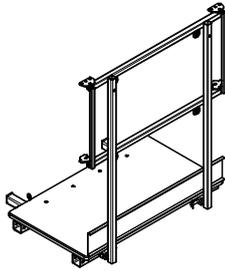
2 pc. 721729 Bolt ISO 4014 M16 x 90-8.8, galv.  
2 pc. 070890 Nut ISO 7042 M16-8, galv.



115949	44,700
--------	--------

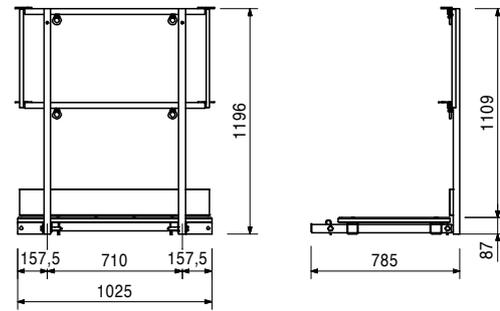
### End Platform MXP

Working and Concreting Platform for MAXIMO and TRIO.



### Technical Data

Permissible load 150 kg/m<sup>2</sup>.



115943	23,000
115944	15,800
116376	14,200
114569	13,100

### Front Guardrails MXP

#### Front Guardrail MXP 240

#### Front Guardrail MXP 120

#### Front Guardrail MXP 90

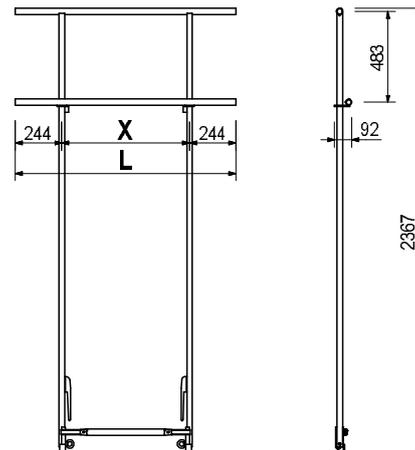
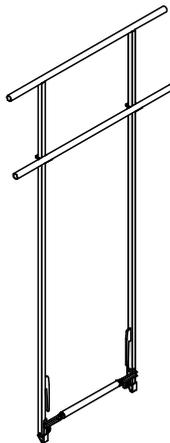
#### Front Guardrail MXP 72

As guardrail for Platforms MXP towards the formwork.

L	X
2360	1873
1160	672
860	372
680	192

### Complete with

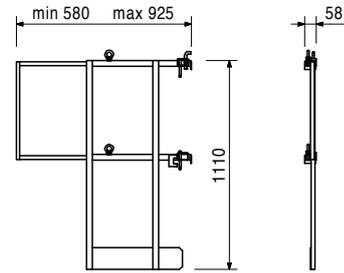
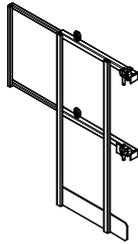
2 pc. 722802 Eye bolt M10 DIN 580, galv.



Item no.	Weight kg
115945	10,700
115946	10,700

**End Guardrails MXP**  
**End Guardrail MXP left**  
**End Guardrail MXP right**  
 For MAXIMO Platforms MXP.  
 Drawing shows End Guardrail MXP left.

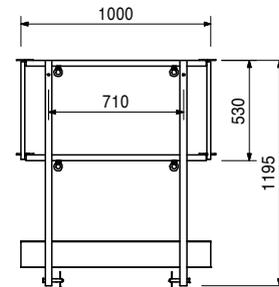
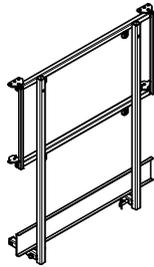
**Complete with**  
 2 pc. 722802 Eye bolt M10 DIN 580, galv.



115950	18,800
--------	--------

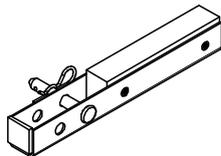
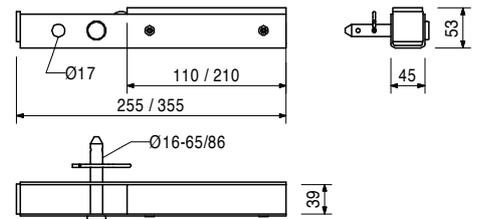
**End Platform Guardrail MXP**  
 For MAXIMO Platforms MXP.

**Complete with**  
 4 pc. 722802 Eye bolt M10 DIN 580, galv.  
 2 pc. 018050 Bolt  $\varnothing$  16 x 65/86, galv.  
 2 pc. 018060 Cotter Pin 4/1, galv.



115926	1,480
115933	1,090

**Platform Extensions MXP**  
**Platform Extension MXP 25**  
**Platform Extension MXP 15**  
 As compensator between Platforms MXP.



# MAXIMO Panel Formwork

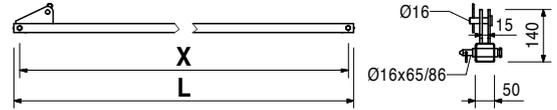
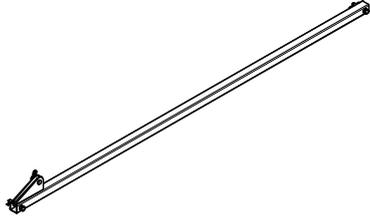


Item no.	Weight kg
116804	10,000
115941	11,100
115942	13,400

**Lattice Struts MXP**  
**Lattice Strut MXP 240**  
**Lattice Strut MXP 270**  
**Lattice Strut MXP 330**

L	X
2320	2260
2620	2560
3220	3160

**Complete with**  
 2 pc. 018050 Bolt Ø 16 x 65/86, galv.  
 1 pc. 027170 Bolt Ø 16 x 42, galv.  
 3 pc. 018060 Cotter Pin 4/1, galv.

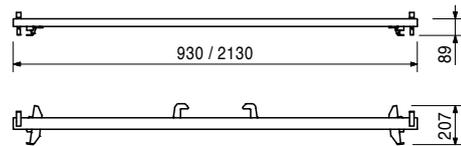
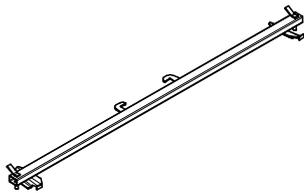


115951	11,300
115952	6,210

**Bracings MXP**  
**Bracing MXP 240**  
**Bracing MXP 120**

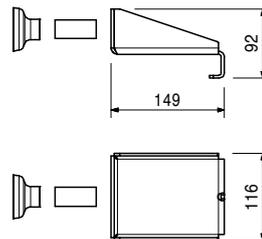
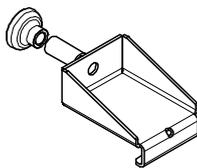
As horizontal strut on the lowest panel with fixing for Ladder MXP. For platform width 240 and 120.

**Complete with**  
 2 pc. 101439 Pin Ø 16 x 80  
 2 pc. 750329 Sleeve ISO 8752 5 x 20, galv.



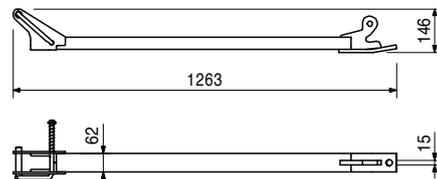
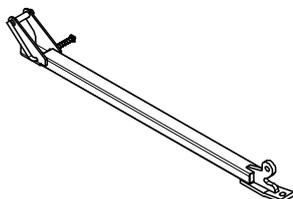
118450	3,120
--------	-------

**Load bearing capacity bracing MXP**



111979	7,610
--------	-------

**Kicker MXP 118**

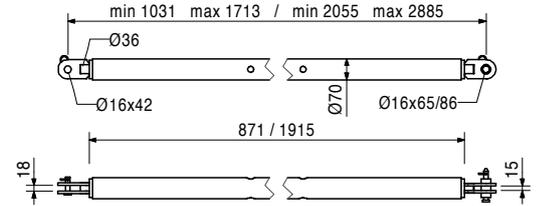
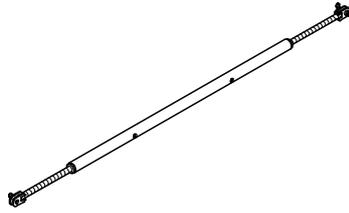


Item no.	Weight kg
115953	18,200
115954	12,100

**Push-Pull Props MXP**  
**Push-Pull Props MXP 270**  
**Push-Pull Props MXP 120**

**Complete with**

1 pc. 018050 Bolt  $\varnothing$  16 x 65/86, galv.  
 1 pc. 027170 Bolt  $\varnothing$  16 x 42, galv.  
 2 pc. 018060 Cotter Pin 4/1, galv.



115955	19,600
--------	--------

**Erection Device MXP**

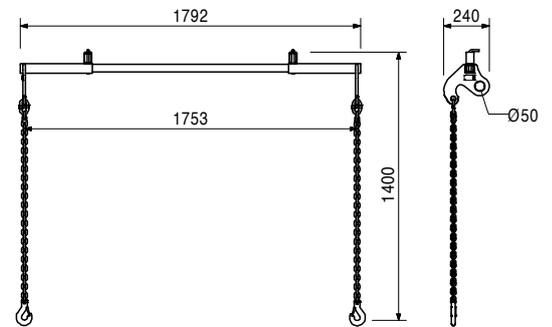
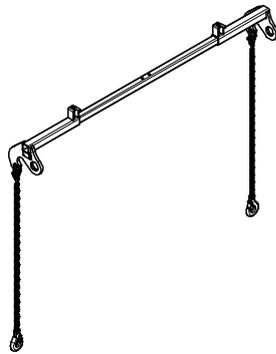
For setting up completely assembled platform units (Formwork and Platforms) of MAXIMO and TRIO.

**Note**

Adjustable for Platform width 240 and 120

**Technical Data**

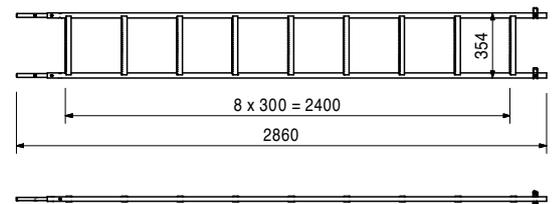
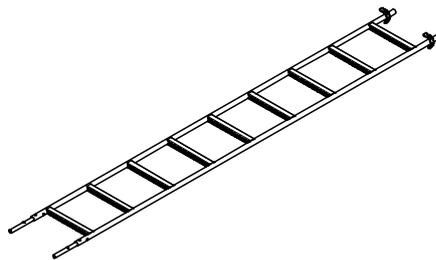
Load-carrying capacity 2.2 t.



115915	12,200
--------	--------

**Ladder MXP 270**

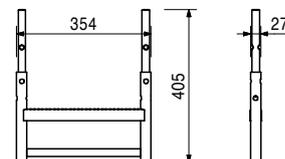
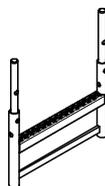
For Platforms MXP with Hatch.



116346	2,430
--------	-------

**Ladder Base MXP**

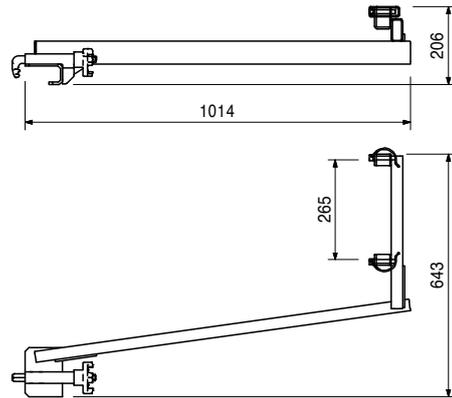
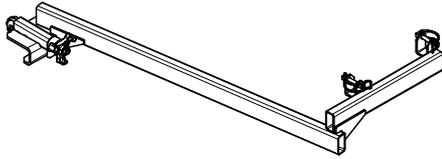
For Ladders MXP.



Item no.	Weight kg
115430	8,320

## Ladder Connector MXP

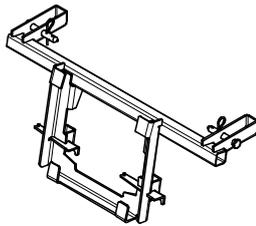
For assembling Ladder MXP on the MAXIMO and TRIO panel.



116665	8,240
--------	-------

## Ladder Adaptor MXP 120

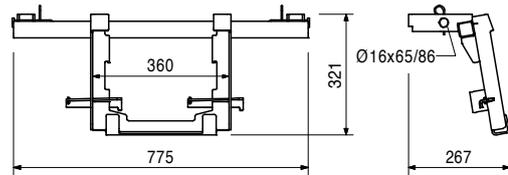
For connecting Ladder MXP at the end of Platforms MXP.



### Complete with

2 pc. 018050 Bolt  $\varnothing$  16 x 65/86, galv.

2 pc. 018060 Cotter Pin 4/1, galv.







**01 PERI GmbH**  
 Rudolf-Diesel-Strasse  
 89264 Weissenhorn  
 info@peri.com  
 www.peri.com



**02 France**  
 PERI S.A.S.  
 77109 Meaux Cedex  
 peri.sas@peri.fr  
 www.peri.fr

**03 Switzerland**  
 PERI AG  
 8472 Ohringen  
 info@peri.ch  
 www.peri.ch

**04 Spain**  
 PERI S.A.  
 28110 Algete - Madrid  
 info@peri.es  
 www.peri.es

**05 Belgium/Luxembourg**  
 N.V. PERI S.A.  
 1840 Londerzeel  
 info@peri.be  
 www.peri.be

**06 Netherlands**  
 PERI B.V.  
 5480 AH-Schijndel  
 info@peri.nl  
 www.peri.nl

**07 USA**  
 PERI Formwork Systems, Inc.  
 Elkridge, MD 21075  
 info@peri-usa.com  
 www.peri-usa.com

**08 Indonesia**  
 PT Beton Perkasa Wijaksana  
 Jakarta 10210  
 bpw@betonperkasa.com  
 www.peri.com

**09 Italy**  
 PERI S.p.A.  
 20060 Basiano  
 info@peri.it  
 www.peri.it

**10 Japan**  
 PERI Japan K.K.  
 Tokyo 103-0015  
 info@perijapan.jp  
 www.perijapan.jp

**11 United Kingdom/Ireland**  
 PERI Ltd.  
 Rugby, CV23 0AN  
 info@peri.ltd.uk  
 www.peri.ltd.uk

**12 Turkey**  
 PERI Kalıp ve İskeleleri  
 Esenyurt / İstanbul 34510  
 info@peri.com.tr  
 www.peri.com.tr

**13 Hungary**  
 PERI Kft.  
 1181 Budapest  
 info@peri.hu  
 www.peri.hu

**14 Malaysia**  
 PERI Formwork Malaysia  
 Sdn. Bhd.  
 43300 Seri Kembangan,  
 Selangor Darul Ehsan  
 info@perimalaysia.com  
 www.perimalaysia.com

**15 Singapore**  
 PERI ASIA Pte. Ltd  
 Singapore 387355  
 pha@periasia.com  
 www.periasia.com

**16 Austria**  
 PERI Ges.mbh  
 3134 Nußdorf ob der Traisen  
 office@peri.at  
 www.peri.at

**17 Czech Republic**  
 PERI spol. s r.o.  
 252 42 Jesenice u Prahy  
 info@peri.cz  
 www.peri.cz

**18 Denmark**  
 PERI Danmark A/S  
 2670 Greve  
 peri@peri.dk  
 www.peri.dk

**19 Finland**  
 PERI Suomi Ltd. Oy  
 05460 Hyvinkää  
 info@perisuomi.fi  
 www.perisuomi.fi

**20 Norway**  
 PERI Norge AS  
 3036 Drammen  
 info@peri.no  
 www.peri.no

**21 Poland**  
 PERI Polska Sp. z o.o.  
 05-860 Płochocin  
 info@peri.pl.pl  
 www.peri.pl.pl

**22 Sweden**  
 PERIform Sverige AB  
 30013 Halmstad  
 peri@periform.se  
 www.periform.se

**23 Korea**  
 PERI (Korea) Ltd.  
 Seoul 135-080  
 info@perikorea.com  
 www.perikorea.com

**24 Portugal**  
 PERIcofragens Lda  
 2790-326 Queijas  
 info@peri.pt  
 www.peri.pt

**25 Argentina**  
 PERI S.A.  
 B1625GPA Escobar – Bs. As.  
 info@peri.com.ar  
 www.peri.com.ar

**26 Brazil**  
 PERI Formas e  
 Escoramentos Ltda.  
 Vargem Grande Paulista  
 São Paulo  
 info@peribrasil.com.br  
 www.peribrasil.com.br

**27 Chile**  
 PERI Chile Ltda.  
 Colina, Santiago de Chile  
 peri.chile@peri.cl  
 www.peri.cl

**28 Romania**  
 PERI România SRL  
 077015 Balotești  
 info@peri.ro  
 www.peri.ro

**29 Slovenia**  
 PERI Slovenien  
 2000 Maribor  
 peri.slo@triera.net  
 www.peri.com

**30 Slovakia**  
 PERI spol. s r.o.  
 903 01 Senec  
 info@peri.sk  
 www.peri.sk

**31 Australia**  
 PERI Australia Pty. Ltd.  
 Glendenning NSW 2761  
 info@periaus.com.au  
 www.periaus.com.au

**32 Estonia**  
 PERI AS  
 76406 Saku vald  
 Harjumaa  
 peri@peri.ee  
 www.peri.ee

**33 Greece**  
 PERI Hellas Ltd.  
 194 00 Koropi  
 info@perihellas.gr  
 www.perihellas.gr

**34 Latvia**  
 PERI SIA  
 2118 Salaspils novads,  
 Rigas rajons  
 info@peri-latvija.lv  
 www.peri-latvija.lv

**35 United Arab Emirates**  
 PERI (L.L.C.)  
 Dubai  
 perillc@perime.com  
 www.perime.com



- 36 Canada**  
PERI Formwork Systems, Inc.  
Bolton, ON – L7E 1K1  
info@peri.ca  
www.peri.ca
- 37 Lebanon**  
Lebanon Representative Office  
Jdeideh  
lebanon@peri.de  
www.peri.de
- 38 Lithuania**  
PERI UAB  
02300 Vilnius  
info@peri.lt  
www.peri.lt
- 39 Morocco**  
PERI S.A.  
Tanger  
peri25@menara.ma  
www.peri.com
- 40 Israel**  
PERI Formwork  
Engineering Ltd  
Petach Tikva, 49002  
info@peri.co.il  
www.peri.co.il
- 41 Bulgaria**  
PERI Bulgaria EOOD  
1839 Sofia  
peri.bulgaria@peri.bg  
www.peri.bg
- 42 Iceland**  
Armar ehf.  
220 Hafnarfjörður  
www.armor.is
- 43 Kazakhstan**  
TOO PERI Kazakhstan  
050059 Almaty  
peri@peri.kz  
www.peri.kz
- 44 Russian Federation**  
OOO PERI  
142407, Noginsk District  
moscow@peri.ru  
www.peri.ru
- 45 South Africa**  
Wiehahn Formwork and  
Scaffolding (Pty) Ltd.  
7600 Stellenbosch  
info@wiehahn.co.za  
www.wiehahn.co.za
- 46 Ukraine**  
TOW PERI Ukraina  
07400 Brovary  
peri@peri.ua  
www.peri.ua
- 47 Egypt**  
Egypt Branch Office  
11361 Heliopolis / Cairo  
info@peri.com.eg  
www.peri.com.eg
- 48 Serbia**  
PERI Oplate d.o.o.  
11272 Dobanovci  
office@peri.rs  
www.peri.rs
- 49 Mexico**  
PERI Cimbras y Andamios,  
S.A. de C.V.  
Estado de México,  
info@peri.com.mx  
www.peri.com.mx
- 50 Azerbaijan**  
PERI Kalıp ve İskeleleri  
Baku  
peribaku@peri.com.tr  
www.peri.com.tr
- 51 Turkmenistan**  
PERI Kalıp ve İskeleleri  
Aşgabat  
ahmet.kadioglu@peri.com.tr  
www.peri.com.tr
- 52 Belorussia**  
PERI Belarus  
220100 Minsk  
info@peri.by  
www.peri.by
- 53 Croatia**  
PERI oplate i skele d.o.o.  
10 250 Donji Stupnik/  
Zagreb  
info@peri.com.hr  
www.peri.com.hr
- 54 Iran**  
PERI GmbH  
Iran Branch Office  
Tehran  
info@peri.ir  
www.peri.ir
- 55 India**  
PERI (India) Pvt Ltd  
Mumbai – 400064  
info@peri.in  
www.peri.in
- 56 Jordan**  
PERI GmbH - Jordan  
11947 Amman  
jordan@peri.com  
www.peri.com
- 57 Kuwait**  
PERI Kuwait  
13011 Kuwait  
kuwait@peri.com  
www.peri.com
- 58 Saudi Arabia**  
PERI Engineering  
Division of Jamjoom  
Consult Saudi Arabia  
21463 Jeddah  
info@peri.com.sa  
www.peri.com.sa
- 59 Qatar**  
PERI Qatar LLC  
P.O.Box: 31295 - Doha  
info@periqatar.com  
www.periqatar.com
- 60 Algeria**  
Société PERI S.A.S.  
Kouba - Alger  
peri.alger@peri.fr  
www.peri.fr
- 61 Albania**  
PERI Sh.p.k.  
Tirane  
erti.hasanaj@peri.com.tr  
www.peri.com.tr
- 62 Peru**  
PERI Peruana SAC  
Villa El Salvador, Lima  
contacto@peri.com.pe  
www.peri.com.pe
- 63 Panama**  
PERI Panama Inc.  
0832-00155 Panama City  
info@peri.com.pa  
www.peri.com.pa
- 64 Angola**  
PERIcofragens, Lda.  
Luanda  
renato.portugal@peri.pt  
www.peri.pt
- 65 Nigeria**  
Heights Access Nigeria Ltd.  
Victoria Island, Lagos  
info@heightsaccessng.com  
www.heightsaccessng.com
- 66 Oman**  
PERI (L.L.C.)  
Muscat  
perimct@perime.com  
www.perime.com

# The optimal System for every Project and every Requirements



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



**PERI GmbH**  
**Formwork Scaffolding Engineering**  
 P.O. Box 1264  
 89259 Weissenhorn  
 Germany  
 Tel. +49 (0)7309.950-0  
 Fax +49 (0)7309.951-0  
 info@peri.com  
 www.peri.com