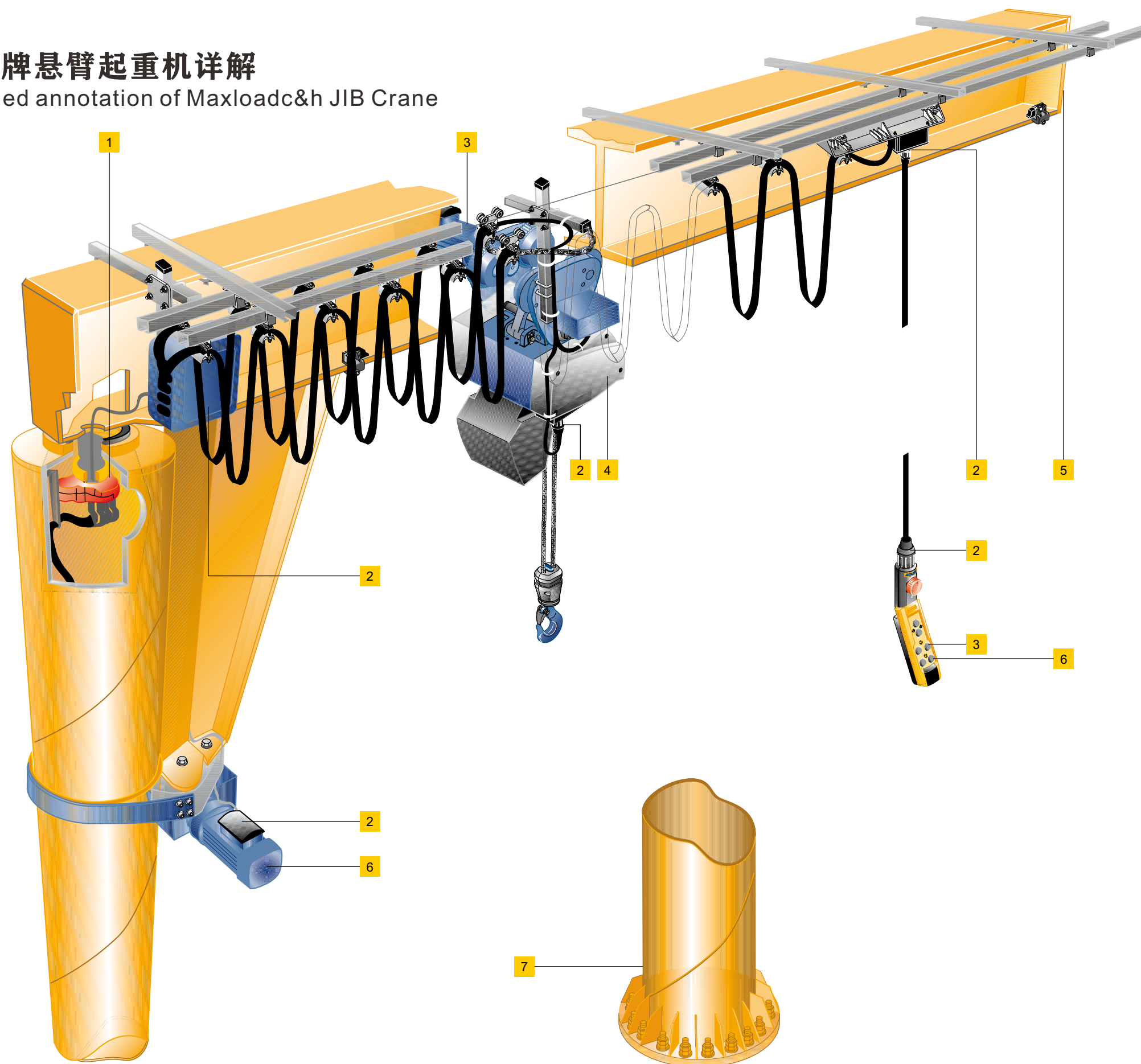


美航牌悬臂起重机详解

Detailed annotation of Maxloadc&h JIB Crane



1

集电环 Slip-rings

电源通过集电环输送动力，使得旋臂起重机实现360° 旋转
Power supply via slip-rings for infinite 360° slewing.

2

即插式电气连接方式 Plug connectors

即插式电气连接方式，快速简便，对于安装和售后来讲，有效节约了时间，同时增加了产品的安全性
Equipped exclusively with plug connectors designed for rapid, trouble-free connection when installing and servicing. This saves time and ensures greater safety.

3

电动运行小车 Powered trolley

葫芦小车通过手电门的控制而达到电动行走。
The electrically driven trolley moves at the push of a button.

4

美航牌环链电动葫芦
Maxloadc&h Electric chain hoist

载荷从125公斤到5吨
For reliable lifting from 125 kg to 5 t.

5

螺栓连接旋臂端板 Bolted end connection plate

只需将旋臂端板移去，即可快速安装葫芦小车。
For rapid mounting of the trolley without prior disassembly.

6

电动旋转驱动装置 Powered slewing gear

电动旋转，平稳旅行
Electrically driven slewing for smooth travel.

7

牢固的立柱底座 Safety pillar base

特殊设计的立柱底座，螺栓与底座内环相连接，确保安全稳定。
The specially designed pillar base with precisely welded ribs and internal support ring ensures safety and stability.

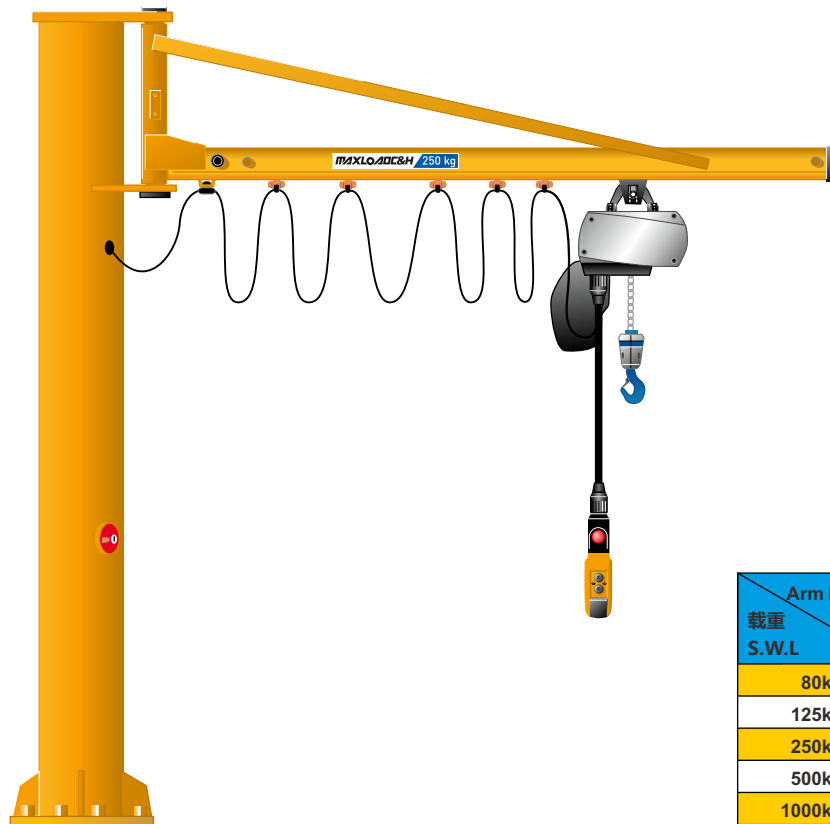
旋转角度
slewing range



270°

立柱式悬臂起重机 (BZC系列) PILLAR JIB CRANE (BZC type)

手动旋转 Manual Slewing



最大载重: 1吨 Capacity: to 1 t
最大臂长: 7米 Jib length: to 7m

配置环链电动葫芦
Generally use Electric Chain Hoist

轻量化设计 Lightweight design
符合国标 (JB/T8906-2014) 设计标准

悬臂采用刚性导轨一次冷轧成型, 具有自重轻, 坚固耐用的特点
Jib arm made of sturdy, hollow steel sections, Light weight but strong

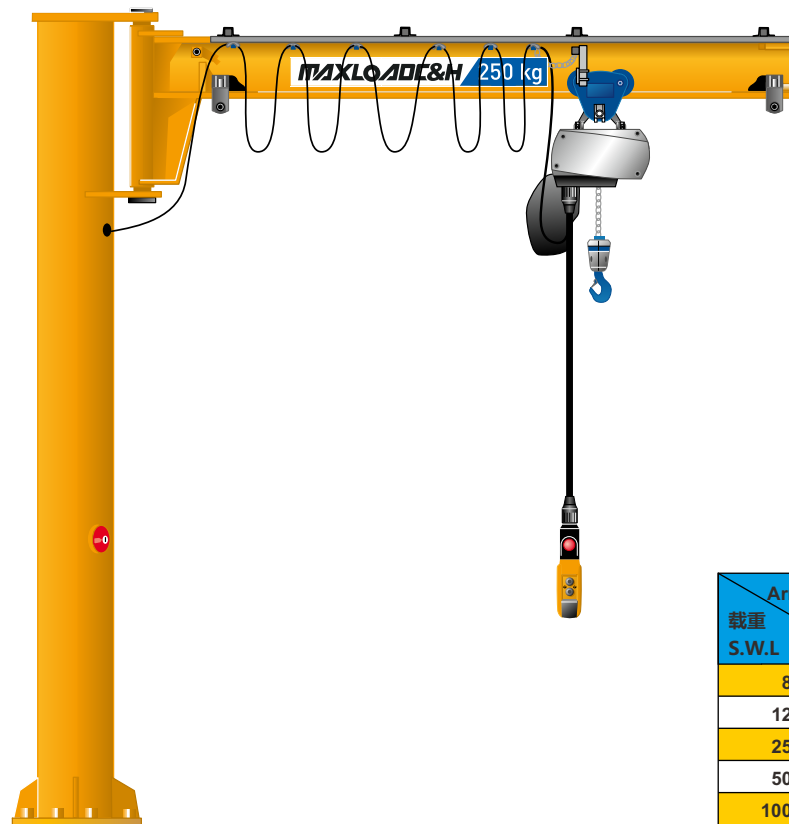
锚式底座的立柱, 更为安全牢固
safety anchoring with ribbed pillar base

带尼龙车轮的小车, 行走轻便
trolley with easy roll nylon rollers

Arm Length 臂长 载重 S.W.L	3 m	5m	6m	7m
80kg				
125kg				
250kg				
500kg				
1000kg				

定柱式悬臂起重机 (BZL系列) Fixed Column JIB CRANE (BZL type)

手动旋转 Manual Slewing



最大载重: 1吨 Capacity: to 1 t
最大臂长: 7米 Jib length: to 7m

配置环链电动葫芦
Generally use Electric Chain Hoist

轻量化设计 Lightweight design
符合国标 (JB/T8906-2014) 设计标准

悬臂采用坚固的窄型钢结构制成, 确保了更高的起升高度
sturdy, steel construction with low-build profile section jib arm for optimised hook height

锚式底座的立柱, 更为安全牢固
safety anchoring with ribbed pillar base

可拆卸式旋臂端板, 使得葫芦和小车安装简便, 更配置了可调节的端部止挡
easy installation of hoist trolley due to removable jib end plate and adjustable clamping buffers

Arm Length 臂长 载重 S.W.L	3 m	5m	6m	7m
80kg				
125kg				
250kg				
500kg				
1000kg				

旋转角度
slewing range



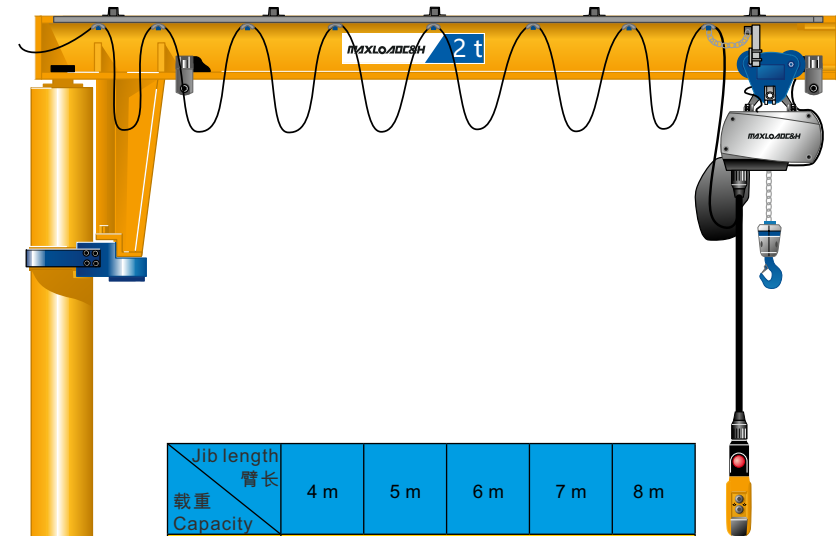
270°

旋转角度
slewing range

360°

立柱式悬臂起重机 (BZD系列) PILLAR JIB CRANE (BZD type)

电动旋转 An all-around performer



Jib length 臂长	4 m	5 m	6 m	7 m	8 m
载重 Capacity					
125 kg					
250 kg					
500 kg					
1000 kg					
1600 kg					
2000 kg					
2500 kg					
3200 kg					
5000 kg					

最大载重: 5吨 Capacity: to 5 t
最大臂长: 8米 Jib length: to 8m

配置环链电动葫芦
Generally use Electric Chain Hoist

轻量化设计 Lightweight design
符合国标 (JB/T8906-2014)设计标准

悬臂采用坚固的窄型钢结构制成, 确保了更高的起升高度
sturdy, steel construction with low-build profile section jib arm for optimised hook height

重型锚式底座的立柱, 更为安全牢固
safety anchoring with heavy-duty ribbed pillar base

可拆卸式旋臂端板, 使得葫芦和小车安装简便, 更配置了可调节的端部止挡
easy installation of hoist trolley due to removable jib end plate and adjustable clamping buffers

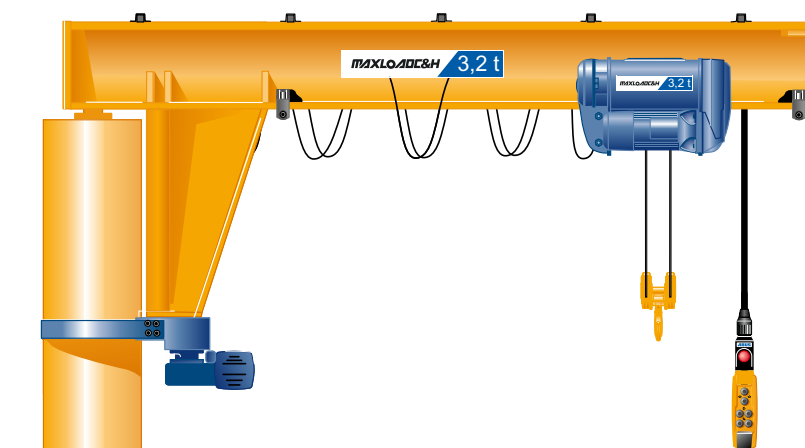
电子系统包含集电环
electrical system incl. slip-rings

快慢两档小车速度
powered trolley, 2-speed

快慢两档旋转速度
powered slewing, 2-speed

立柱式悬臂起重机 (BZD-S系列) PILLAR JIB CRANE (BZD-S type)

电动旋转 Powered slewing



Jib length 臂长	4 m	5 m	6 m	7 m	8 m
载重 Capacity					
1000 kg					
1600 kg					
2000 kg					
2500 kg					
3200 kg					
4000 kg					
5000 kg					
6300 kg					

最大载重: 6.3吨 Capacity: to 6.3 t
最大臂长: 7米 Jib length: to 7m

配置钢丝绳电动葫芦
Generally use electric wire rope hoist

轻量化设计 Lightweight design
符合国标 (JB/T8906-2014)设计标准

悬臂采用坚固的窄型钢结构, 或者焊接箱型梁制成, 确保了更高的起升高度
sturdy, steel construction with low-build profile section jib arm for optimised hook height

重型锚式底座的立柱, 更为安全牢固
safety anchoring with heavy-duty ribbed pillar base

可拆卸式旋臂端板, 使得葫芦和小车安装简便, 更配置了可调节的端部止挡
easy installation of hoist trolley due to removable jib end plate and adjustable clamping buffers

电子系统包含集电环
electrical system incl. slip-rings

快慢两档小车速度
powered trolley, 2-speed

快慢两档旋转速度
powered slewing, 2-speed

旋转角度
slewing range

360°

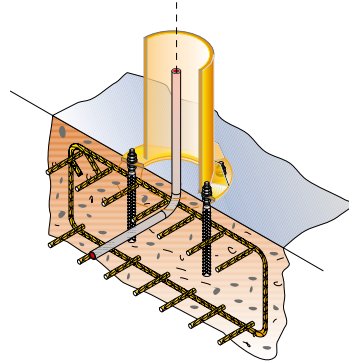
美航立柱式旋臂起重机安装方案 Mountings for Pillar Jib Cranes

基础模板和地脚螺栓 Foundation block with anchor bolts

模板和地脚螺栓安装方式是目前立柱式旋臂起重机最常用的安装方式，通过预埋基础模板，浇筑混凝土，并通过地脚螺栓连接将悬臂起重机固定。

拓起公司提供基础模板和地脚螺栓，并可以按照 GB50001-2011 规范，安装、预埋、浇筑和加固地基。

The currently most regularly requested type of mounting for pillar jib cranes uses anchor rods. These are positioned within a concrete foundation block. Maxloadc&h Company delivers the anchors and a steel template for positioning and aligning the anchor box as well as the required information for pouring a foundation with reinforcement in accordance with GB50001-2011.

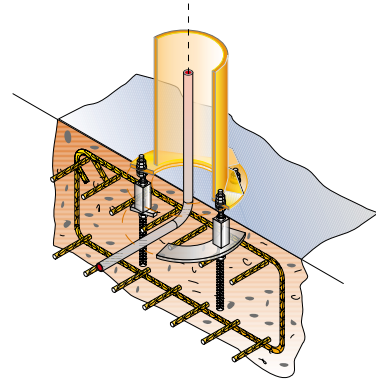


基础模板和拓起专用地脚螺栓 Foundation with Maxloadc&h ideal anchors

对于后续安装悬臂起重机的用户来说，拓起专用地脚螺栓和基础模板是最明智的选择。用户可以事先预埋模板，在以后需要时再安装悬臂起重机。预先做好的地基不会影响到平时的行走。拓起专用地脚螺栓分为地上和地下两部分，通过套管连接，套管与地面齐平，并有螺帽保护。

当需要安装悬臂起重机时，只需将地上的螺栓拧入套管即可。

Maxloadc&h ideal anchors offer an intelligent mounting alternative whenever the later site of the crane is to remain freely walkable and drivable for the time being. The two-part anchor rods are connected to each other with sleeves. The sleeves are flush with the floor surface and are protected by cover caps. To mount the crane, threaded bolts are screwed into the sleeves.

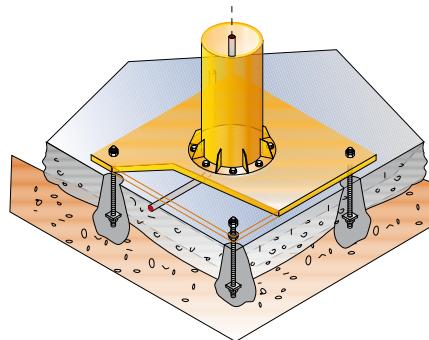


用于水泥地的大底板 Intermediate plate on a concrete floor

通过使用方形大底板，定柱式悬臂起重机可以被直接安装在现有的水泥地面上。大底板被螺栓直接固定于地面，立柱上的螺栓插入大底板进行固定。

拓起公司可以提供大底板，并可以根据需要提供相应的螺栓。

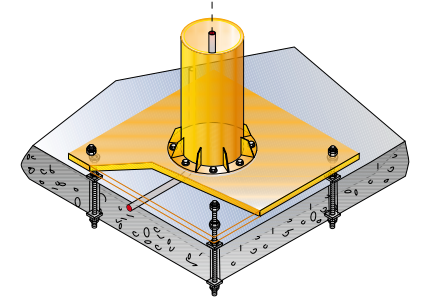
Using a square intermediate plate, the crane can be mounted on a suitable existing concrete floor. After the floor plate has been drilled and chiselled out, anchors are inserted and cast. Maxloadc&h delivers the intermediate plate and, on request, the appropriate floor anchors.



用于混凝土楼板的大底板 Intermediate plate on a concrete suspended ceiling

此外，大底板也适用于安装在合适的混凝土楼板上。拓起公司提供大底板，并且可以根据需要提供相应的安装螺栓。

Alternatively, the intermediate plate can be mounted to a suitable concrete ceiling with through-wall anchors. ABUS delivers the intermediate plate and, on request, the appropriate through-wall anchors.

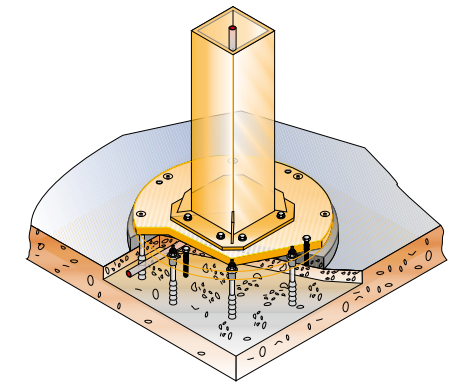


用于水泥地和混凝土楼板的大底板和化学螺栓 Dowel plate on a concrete floor / a concrete ceiling

使用大底板及化学螺栓的安装方式，能使定柱式悬臂起重机均匀受力。这套地基安装系统采用了世界知名品牌的化学螺栓，非常适合动态负载。在安装时，只需将化学螺栓注入圆形过渡板上的小孔中即可。

拓起公司提供大底板和化学螺栓，以及注浆时所需的附件。

Pillar jib cranes of average Safe Working Loads are particularly efficient with our dowel mounting system. This system uses Fischer dowels, especially developed for dynamic loads, which are fitted into the countersunk holes of the round dowel plate during install. ABUS delivers the dowel plate, the required dowels as well as a mould ring for the grouting.



水平校正 Alignment and underpouring

由于现有地面通常都是不平的，为了安全，在安装和使用悬臂起重机前就需要对地面进行水平校正。因此为了调整地面不平，我们的定柱式悬臂起重机的所有安装系统都需要预留足够空间，通过灌注水泥来保证地面的平整度。

Safety while working requires the careful alignment of a crane prior to initial operation. The existing floors are not always level enough to ensure this. All mounting systems of our pillar jib cranes therefore offer the necessary room for adjustment through an assembly gap. The subsequent grouting of the crane ensures stability.





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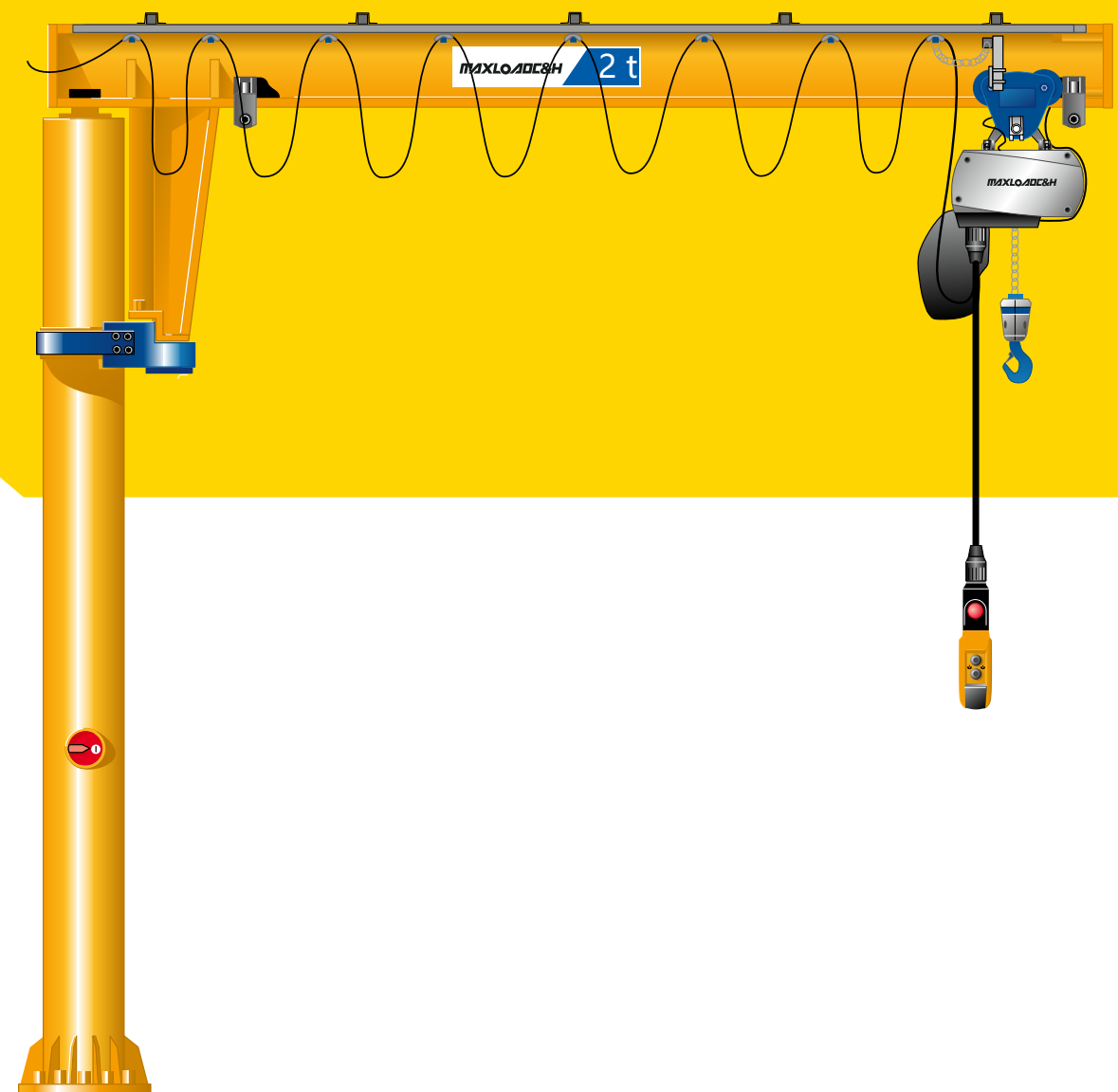
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