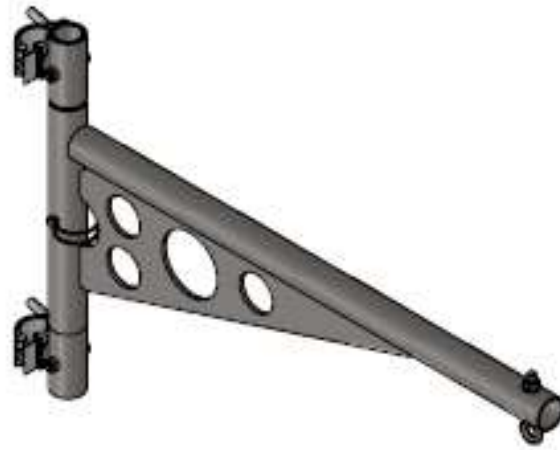


TRANSPORT ARM FOR SCAFFOLDING BP 210

INSTRUCTION MANUAL



Fabricante:

PROTEKT - Starorudzka 9 - 93-403, Łódź - Polonia
tel. +4842 6802083 - fax. +4842 6802093 - www.protekt.com.pl

EQUIPO VERTICAL

Securman Protección en Altura SL

C/ Almogàvers 145, 08018 Barcelona, Spain Tel: (+34) 933 009 736, info@equipovertical.com www.equipovertical.com

TRANSPORT ARM FOR SCAFFOLDING BP 210

RULES FOR APPLICATION AND USE

1. Before installation of the transport arm read and follow this Instruction Manual.
2. This Instruction Manual must be kept available to all installers and users of the transport arm.
3. The transport arm can be installed only by personnel with adequate knowledge and experience. It is particularly important to be familiar with provisions related to the construction and use of scaffoldings and with this Instruction Manual.

CONSTRUCTION OF TRANSPORT ARM

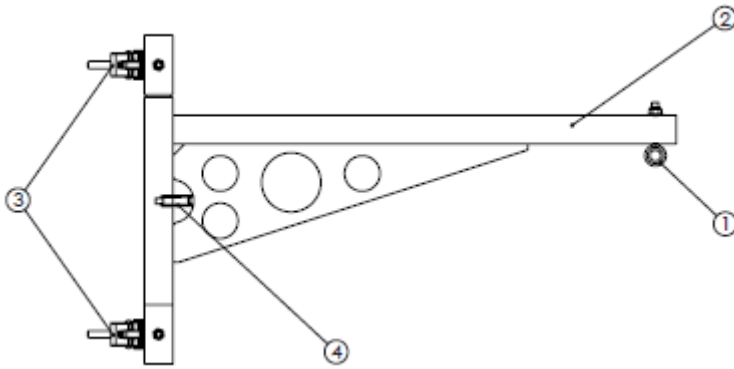


Fig. 1

- 1 - eye hook for attachment of pulley,
- 2 - rotary arm,
- 3 - clamps for mounting arm to scaffolding,
- 4 - locking pin.

INSTALLATION AND USE

1. Transport arm BP 210 should be stored in a clean and dry place, where it is not exposed to mechanical, chemical damages, etc.
2. Installation of the transport arm should be performed in accordance with good practice for mechanical (bolt) and structural (anchor) connections.
3. When determining a location for installation of the transport arm, take environmental aspects there (acid, base environment, etc.) into account as they affect resistance to corrosion of the transport arm and fastening elements.
4. When determining a location for installation of the transport arm, take strength characteristics of the whole scaffolding into account. The element to which the arm is to be mounted, must be properly thick, and entirely mounted/anchored to structural elements of the building, façade, etc.
5. Scaffolding to which the transport arm is to be mounted. must be assembled in accordance with relevant instruction manual and good practice.

TRANSPORT ARM FOR SCAFFOLDING BP 210

METHOD FOR INSTALLATION TO SCAFFOLDING

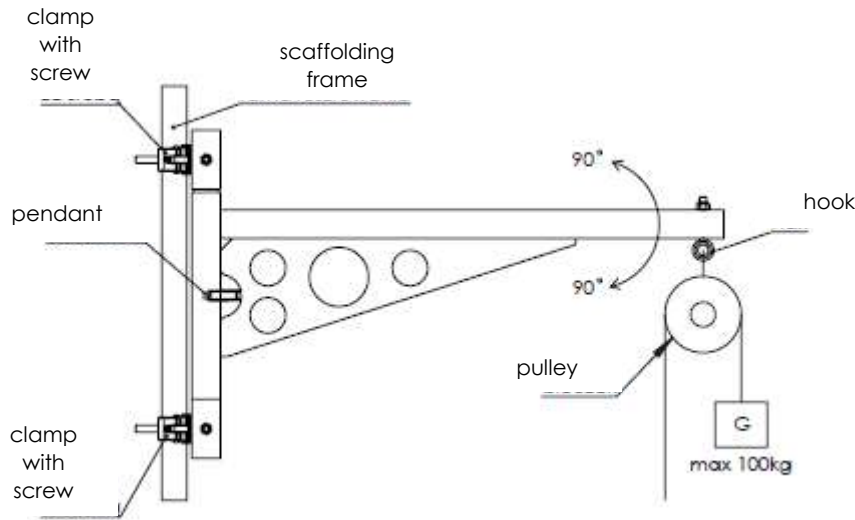


Fig. 2

6. Before installation of the arm, inspect it and check for any damages, defects and integrity of its components.
7. The arm should be mounted to scaffolding frame by using clamps with screws.
8. The tightening torque for bolts should be 32-50Nm.
9. Bolts must be tightened so that the arm cannot slide along the scaffolding frame.
10. Mounting clamps must be tightened with such torque so as not to cause any damages to the scaffolding frame structure.
11. Once fixed, set the transport arm in a position suitable for use and lock it with pin. Locking with pin is possible every 90°.
12. In order to adjust position of the arm, it is also possible to use mounting clamps and turn the whole arm against the scaffolding frame.
13. On the arm hook mount transport pulley for transportation of loads.
14. Maximum weight to be applied on the arm is $G=100\text{kg}$ attached to the transport pulley (see Fig. 2).
15. It is forbidden to use the transport arm under load higher than its limit.
16. It is forbidden to use the transport arm to transport personnel.
17. It is forbidden for personnel to stay within the transport arm operation range and under the load being transported. The only person allowed to remain in the work area is the transport pulley's operator only.
18. The transport arm must be used only as intended.
19. In case of any damages to the device, immediately withdraw it from use and contact the manufacturer.

