

CANOPY

INSTRUCTION OF USE



TECHNICAL DOCUMENTATION

ATTENTION !

BEFORE EVERY USE OF THE CANOPY, THE USER SHALL READ THIS TECHNICAL DOCUMENTATION AND ALWAYS STRICTLY FOLLOW THE RULES DESCRIBED HEREIN. THESE INSTRUCTIONS WERE PREPARED FOR ALL WORKERS AND PEOPLE THAT WILL WORK ON TRANSPORTING, UNLOADING, ASSEMBLING, DISASSEMBLING, STORING, CHECKING AND ANY OTHER WORKS CONNECTED TO THE DEVICE/MACHINE. EVERY USER IS OBLIGED TO READ AND GET FAMILIAR WITH THE DEVICE'S/MACHINE'S TECHNICAL DOCUMENTATION!

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INTRODUCTION

INTRODUCTION This technical documentation contains the guidelines concerning the proper use of THE CANOPY. Workers and other people using the device/machine shall always observe the guidelines contained herein. In case of any events not described in this document, the occupational safety and health regulations and other regulations, appropriate to the specific situation, shall be observed.

It is forbidden to modify the canopy in any other way than described in the Technical Documentation. The manufacturer is not liable for any modifications performed in a way that is not described in the Technical Documentation.

1. MANUFACTURING BASIS

The manufacturing basis of THE CANOPY is increasing the safety of works performed at construction sites and other places where there is the need to secure the workplace.

The design of the canopy was drawn in accordance with the Applicable laws and technical norms:

*THE ORDINANCE OF THE MINISTER OF ECONOMY
of 21 October 2008
on the essential requirements for machinery*

*DIRECTIVE 2006/96/EC of the European Parliament and of the Council of 17 May 2006 on
machinery,
amending Directive 95/16/EC (Journal Of Laws EU L 157 of 09/06/2006, p. 24)*

PN-EN ISO 12100:2012 - Safety of machinery – General principles for design
– Risk assessment and treatment

1.1 COMPLIANCE ASSESSMENT PROCEDURE

The CANOPY underwent the *Compliance assessment procedure* in accordance with the abovementioned declaration, → Chapter 8, § 127.2; Appendix No. 6, Point 1, Appendix No. 3, Point 1.

The device/machine complies with all regulations of the directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, amending the Directive 95/16/EC (Journal of Laws EU L 157 of 09/06/2006, p. 24), → Article 7, Point 1; Appendix II, Point A.



2.0 USER MANUAL

2.1 PURPOSE AND SCOPE OF USAGE

The canopy is intended to increase the level of safety and comfort of any works performed at working areas.

It is used while organising the points containing supporting equipment/equipment necessary to perform work and/or the personal and collective protective equipment.

The use of the CANOPY is allowed only on condition of adhering to the Technical Documentation and proper occupational safety and health regulations.



2.2 ALLOWED WORKING PARAMETERS

The canopy is used for creating working positions protecting the people, machines and devices under it from weather conditions, such as rain, snow or sun exposure. It can be used as a place, where are stored such elements as: a distribution board, the first aid kit, fire-fighting equipment, information boards, work tops etc.

If the user prepares the lightning protection with the use of a distribution board which is a part of the canopy, the installation works shall be performed by a competent person holding proper permissions. The distribution board is an optional equipment which is not an electrical installation in terms of the applicable law and its unauthorized connection or use by non-authorized and/or unqualified people is prohibited and poses a direct threat to the user's health and life.

The canopy described in this documentation cannot be used at the area of theme parks.

It cannot be used as a place where firearm or other type of weapon is being used.

It wasn't designed to be used during laboratory works, in mining or during artistic performances.

It is not intended to protect household appliances, as well as audio-visual, IT or office equipment.

2.3 RULES FOR SAFE OPERATION

During the operation of the CANOPY, workers shall bear in mind the safety of the users, any personnel or people that may be affected by the operation of the canopy.

The CANOPY is intended solely for the purposes described in this manual. Any operation not in compliance with the manual is forbidden by the producer.

The CANOPY is aimed at increasing the level of safety and comfort while working at places where working positions were appointed.

It is used while organising the points containing supporting equipment/equipment necessary to perform work and/or the personal and collective protective equipment.

Before using the machine/device, the worker shall read this manual.

Improper use of the equipment poses a risk for the user as well as other people near the user.

Before using the CANOPY, the users shall read the Technical Documentation of the system.

- Shall not stand within the range of the CANOPY during transport.
- Shall wear proper personal protective equipment.



- Shall remove any elements not connected to the given work which may pose a threat (cables, hoses, unnecessary material).
- During the transport, workers shall act carefully in order to avoid possible impact to the constructional elements – in case of damaging any elements of the device, it shall be immediately withdrawn from further operation.
- The assembly shall be performed with due care – in case of damaging any elements the device, it shall be immediately withdrawn from further operation or checked by a trained person.
- If the device is transported with a crane, workers shall pay special attention to any movements of a crane and keep safe distance from it.
- Introducing any changes and complementing the machine/device demands a written consent from the manufacturer – any repairs of the elements of the device/machine must be performed in accordance with the procedures declared by the manufacturer.
- If the user prepares the electrical installation with the use of a distribution board which is a part of a canopy, the installation works shall be performed by a competent person holding proper permissions.
The distribution board is an optional equipment which is not an electrical installation in terms of the applicable law and its unauthorized connection or use by non-authorized and/or unqualified people is prohibited and poses a direct threat to the user's health and life.
- In case of selling the canopy abroad (to a different country than the country where it was intended to be used in), the seller shall provide the operation, maintenance and periodical inspection instructions in the language of a country where the equipment is to be used.



2.4 SYSTEM'S CHECK

QUICK CHECK

Before each use of the machine/device, its condition shall be checked in terms of:

- completeness of the elements,
- completeness of screws, connectors,
- no damages to any welds,
- any bent, broken, cut or otherwise damaged elements,
- check if all assembly holes are unobstructed and do not hamper the proper assembly,
- check the product's markings, its readability, lack of damages (i.e. they are not wiped, broken etc.). they are not scraped, broken etc.).

If any of these requirements are not met, the user shall stop using the device/machine and inform the manufacturer about the need to perform a detailed check.

DETAILED CHECK

The detailed check of the canopy shall be performed by the manufacturer or any appropriate entity:

- always before delivering the device to a construction site,
 - after 12 months of using,
 - always when the device has not been used for longer than 3 months,
 - after every information from the user about the need to perform the detailed check.
- For the detailed check, performed at the request of the user, shall be charged a fee.

PERIODICAL CHECK

In order to provide proper operation and safety of the device, the periodical check of the canopy shall be performed at least once every 12 months (each element that is included in the device). The check must be performed by a competent person holding proper authorizations.



PERIODICAL CHECK EXPIRATION DATE

The periodical check expiration date is clearly marked on the outer edge of the check label [term (year and month) of the next check]



2.5 MAINTENANCE

The elements of the CANOPY are protected with lacquer.

While cleaning and performing the maintenance of the elements there shall always be used substances that do not react with lacquer.

In case of any chips, they shall be filled with proper lacquer coating.

2.6 QUALIFICATIONS OF THE PEOPLE USING THE CANOPY.

People using the canopy shall:

- read the whole Technical Documentation of the device – the training must be confirmed in writing,
- finish a training on the occupational safety and health,
- undergo a training about using the personal and collective protective equipment.



2.7 CONNECTING THE CANOPY WITH A SLING.

- The connection of the CANOPY with a crane's sling shall be performed only by a person holding qualifications described in 2.7 and the permissions for a hook operator,
- The crane's sling can only be attached to indicated elements, i.e. transport brackets.

The workers shall check if:

- the slings are certified, do not contain any visible defects and are proper for transporting the system's elements,
- flexible connectors are not twisted or tied up,
- the bond between the slings and a transport bracket is firm,
- the crane's hook is complete.

2.8 ASSEMBLY OF THE CANOPY

The assembly of the CANOPY can only be performed by a person who has read the technical documentation. The site manager or another authorized person is responsible for the deployment and the choice of working places.

Before the assembly, it shall be checked if the device is complete and has no visible signs of damages.

The assembly of the device shall be performed with caution. In case of damaging any elements of the system, it shall be immediately replaced or checked by a trained person.

The vertical transport shall be performed with a crane, in accordance with the guidelines described in 2.8.

2.9 DISASSEMBLING AND MOVING THE DEVICE BETWEEN WORKPLACES

During the disassembly of the CANOPY workers shall keep all security measures and comply with the same regulations as during the assembly process.

During the disassembly of the CANOPY the user shall unfix all elements not belonging to the system.

2.10 USE OF THE CANOPY

During the use of the canopy, the workers shall meet all the requirements described in the Technical Documentation and in any laws and regulations that apply.



3.0 DEVICE'S REGISTER





DEVICE'S REGISTER				
Name of the product:				
Model and type / identification:	Trade name:		ID No.:	
Producer:	Address:		Phone No., e-mail, web page:	
Date of production / Date of expiry	Date of purchase:		The date of the first use:	
Other important information (e.g. document No.):				
PERIODICAL CHECKS AND THE HISTORY OF REPAIRS				
Date:	Reason (periodical check or repair):	Defects found, repairs performed and other relevant information:	Name and signature of a competent person:	Periodical check – next term:



PERIODICAL CHECKS AND THE HISTORY OF REPAIRS				
Date:	Reason (periodical check or repair):	Defects found, repairs performed and other relevant information:	Name and signature of a competent person:	Periodical check – next term:



4.0 RATING PLATE

 CONSTRUCTION SITE DEVICE	
Name / Type:	CANOPY
Serial number:	100
Year of production:	2022
Weight:	225 kg
PN-EN ISO 12100:2012  P.P.H.U STRUMIN 32-084 MORAWICA 191	
	<i>Read the safety instruction / User manual</i>
	<i>Use personal protective equipment (PPE)</i>

- The information contained on a rating plate allow to precisely identify each device based on its ID/Serial number.
- All documents attached to the device, such as the device's register after check or the user manual, are related to the ID / serial No. on the device in order to avoid any mistakes.
- The warning field on the rating plate informs, with the use of text and symbols, about possible dangers when the device is working.

Dangers

- Act accordingly to the safety instructions and use personal protective equipment (PPE)



5.0 TABLE: DANGER → RISK → PROTECTION

No.	DANGER	RISK	RISK ASSESSMENT	PROTECTION MEASURES
1	NOT SUFFICIENT MECHANICAL DURABILITY	Using of damaged swing legs.	Fall of the construction. Danger to health and life.	Perform the system's check in accordance with the Technical Documentation.
		No blocking of the swing legs from rotation.	Fall of the construction. Danger to health and life.	Act in accordance with the Assembly Manual.
		No anchoring to the Surface.	Fall of the construction during strong wind blows. Danger to health and life.	Act in accordance with the Assembly Manual.
		Damaging or destroying the device due to not sufficient lifting power of a crane.	Fall of the device from height. Danger to health and life.	Transport only with a crane of sufficient lifting power.
2	Smashing, squashing	Placing a foot, hand or other body part under the constructional elements while its lowering and assembly.	Cutting off, smashing, cutting, injuring or scraping any part of the body. Danger to health and life.	Stand in a safe distance from the construction during its lowering or assembly. Wear proper personal protective equipment.
		Moving the device through holes and gates.	Smashing or bunging the construction. Danger to health and life.	Perform proper measurements before transporting through narrow holes.
		Overturn of the wrongly placed construction.	Smashing, squeezing, injuring. Danger to health and life.	Place it on an even and stable surface or assembly to the support structure.
3	Hitting	Standing or working on the canopy's construction while its lifting, positioning or lowering and setting.	Hitting the construction or other working surface with one's head / other body parts. Danger to health and life.	Use the device only in accordance with its purpose, read the Technical Documentation of the system. Apply proper personal protective equipment.
		Improper assembly, an uncontrolled opening of the swing legs.	Hitting limbs with elements of the steel construction. The risk of injuries, cuts, breaks etc.	Act in accordance with the Assembly Manual.



3	HITTING	Too high lifting speed and the speed of moving the device by a crane.	Hitting the load with one's head / other body parts. Danger to health and life.	Automatic crane's speed limiter while moving the platform (speed shall not exceed 1.0 m/s) and performing operations in a smooth manner by a crane's operator. Apply proper personal protective equipment.
		Shakes or vibrations. Dynamic loads of the platform.	Hitting the construction with one's head / other body parts. Danger to health and life.	Proper, smooth control of a crane's movement by its operator. Checking the flexible connectors of a sling. Proper stretch of flexible connectors. Wear proper personal protective equipment.
4	CONTACT WITH MOVING PARTS	Improper assembly, an uncontrolled opening of the swing legs.	Hitting limbs with elements of the steel construction. The risk of injuries, cuts, breaks etc.	Act in accordance with the Assembly Manual.
8	CONDITIONS – ENVIRONMENTAL	Hitting by a lightning.	Electrocuting, burning. Danger to health and life.	Do not use during a storm and lightnings.
		Wind	Fall of the construction. Danger to health and life.	Do not use when there was a weather alert announced or a different warning concerning the unfavourable weather conditions appeared.
		Temperature	Possible discomfort while moving. Danger to health and life.	Use in temperatures from -10 to +40°C. Wear proper personal protective equipment.
9	WELDING WORKS	Electrical breakdown	Electrocuting, burning. Danger to health and life.	Provide earthing of the device, protect brackets of the electrodes from contact with the construction and other metal elements. Apply proper personal protective equipment.
10	CHEMICAL	Using aggressive cleaning agents for the cleaning and maintenance of the device.	Possibility to burn any part of the body and pollute the environment.	Do not use aggressive cleaning agents that may cause: burning, destroying lacquered layers, steel corrosion and pollution of the environment.



6.0 DESIGNER'S STATEMENT

According to art. 20(4) of the "Building Code" I hereby declare that
this project documentation
for the constructional part of the canopy

was drawn in accordance *with the provisions of the code, rules and guidelines of technical knowledge (art. 20 point 4 of the 16 April 2004 Act, amending the 7 July 1994 Act – "Building Code" Journal of Laws no. 6, pos. 41/2004), binding technical and building provisions, as well as Polish and European Standards, and was handed in full to serve its purpose..*

mgr inż. Jan Bąba
Uprawnienia budowlane do projektowania
i kierowania robotami budowlanymi
bezpograniczeń w specjalności
konstrukcyjno-budowlanej
czytelny podpis w postaci pieczęci projektanta

Projektant

designer's readable signature and seal



DECLARATION OF CONFORMITY NO.:

1. Device/Machine – canopy(Serial No.....),
2. Name and address of the manufacturer:
PPHU STRUMIN, Kamil Strumiński, 32--084 MORAWICA Morawica
191, TIN: 944 21 77 757,
3. This declaration was issued for the sole responsibility of the manufacturer: PPHU STRUMIN, Kamil Strumiński,
4. Object of the declaration: Device/Machine – canopy as described in the Technical Documentation which is also an Appendix No. 1 and No. 2 to this declaration:
„001 - CANOPY - OPERATING MANUAL.pdf”
„002 - CANOPY ASSEMBLY MANUAL.pdf”
5. The object of this declaration described in 4 herein complies with the provisions of the EU's standards.

*THE ORDINANCE OF THE MINISTER OF ECONOMY
of 21 October 2008
on the essential requirements for machinery*

*DIRECTIVE 2006/96/EC of the European Parliament and of the Council of 17 2006 on machinery,
amending Directive 95/16/EC (Journal Of Laws EU L 157 of 09/06/2006, p. 24)*

6. References to the standards describing the declared compliance:
The project of the canopy was prepared in accordance with the current laws and technical standards:

EN ISO 12100:2012	- Safety of machinery – General principles for design – Risk assessment and treatment
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7. The object of this declaration, described in Point 4. Herein, complies with the type, in accordance with the Company's production inspection system No. ZKP/STRUMIN/01 and the rules of the supervised product inspections in random time intervals).

Signing on behalf of: Kamil Strumiński, PPHU STRUMIN

**Przedsiębiorstwo Produkcyjno Handlowo
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(place and date of issuing):
MORAWICA
03-12-2021

