CARBOMECH Sp. z o.o.

PRODUCT CATALOGUE

Card number: IX/03

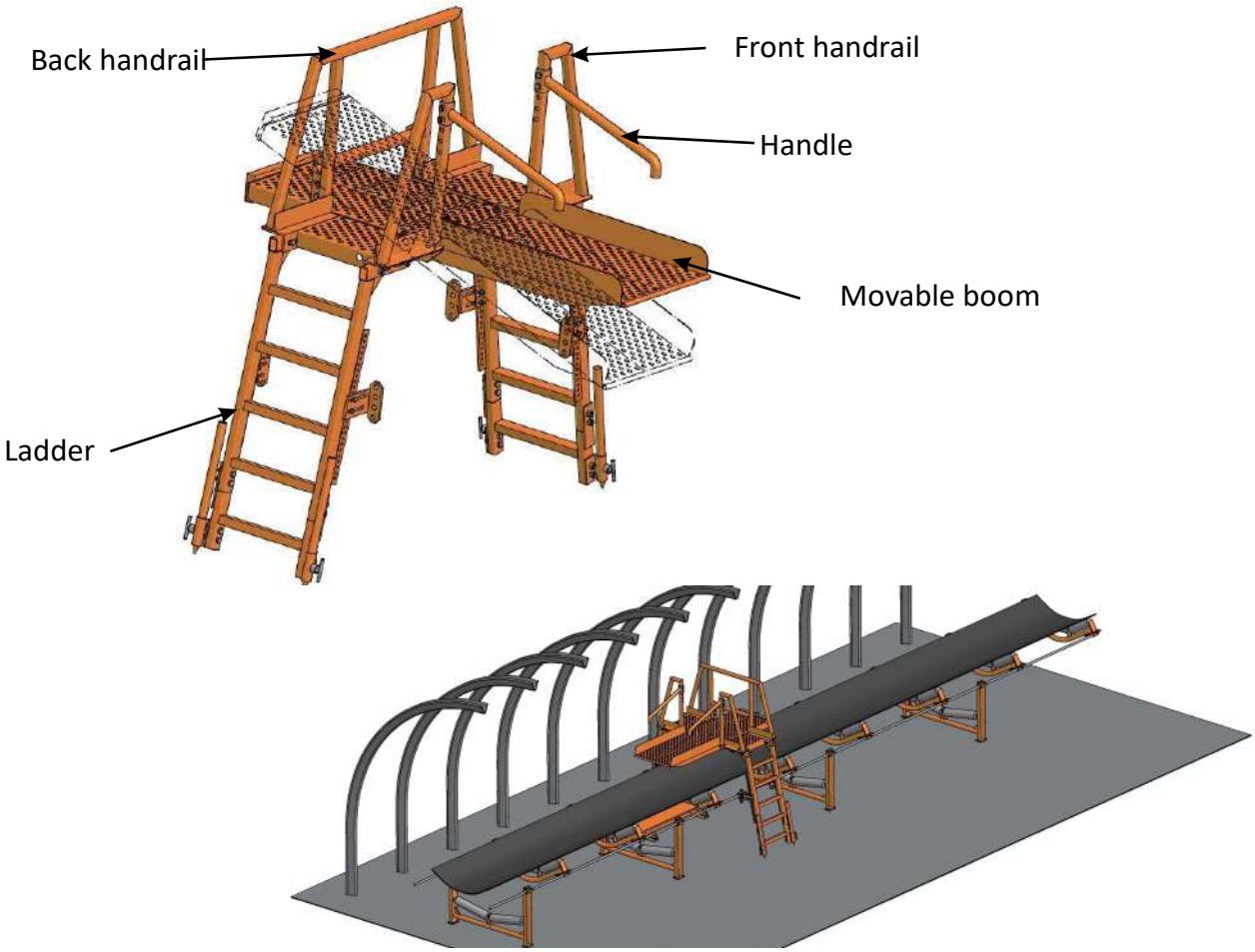
Name: A platform to get on the upper belt of a conveyor

Type: 21-103.1

Technical data:

Load capacity of the platform.....120 kg (one person)
Width of the belt.....1000-1400mm
Height of the platform above the belt.....400-500mm
Travel speed of the belt.....max 2.5 m/s

Visual overview:



Intended use:

A rocking platform allows the people to get on the upper belt of a conveyor. It is designed to be mounted on the supporting structure of the conveyor route in order to make it easier for the people to step onto the belt according to the conveyor longitudinal axis or just to go to the other side of the conveyor.

Additional information:

The described product has:
» Technical Opinion No. 32/T/CBiDGP/2010,
» Declaration of Conformity.

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CARBOMECH Sp. z o.o.

PRODUCT CATALOGUE

Card number: IX/04

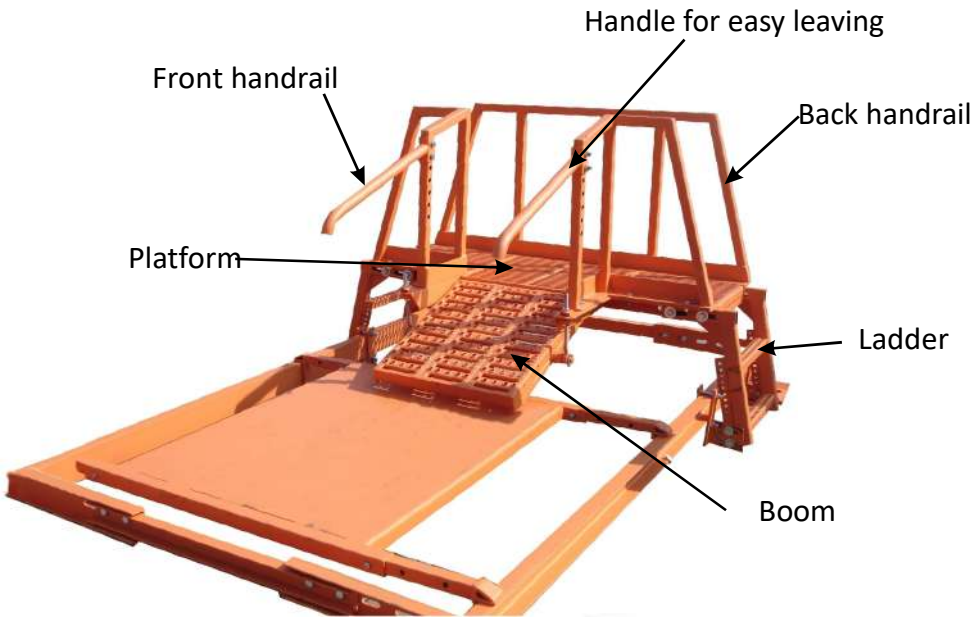
Name: A platform to get on the lower belt of a conveyor

Type: 21-103.7

Technical data:

Load capacity of the platform.....one person
Width of the belt.....1000-1400mm
Travel speed of the belt.....max 2.5 m../s

Visual overview:



Intended use:

Approved for carrying persons, a free-standing platform for the people to get on the lower belt of the conveyor is designed to get on the belt according to the conveyor longitudinal axis or just to go to the other side of the conveyor.

Additional information:

The described product has:
» Technical Opinion,
» Declaration of Conformity.

CARBOMECH Sp. z o.o.

PRODUCT CATALOGUE

Card number: IX/05

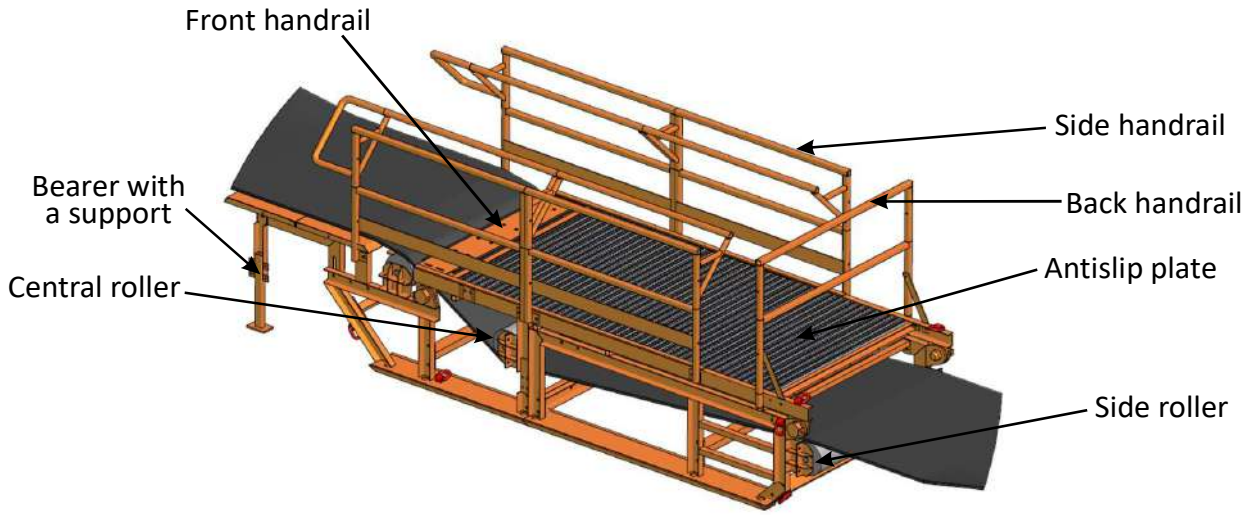
Nazwa: A platform to get off the lower belt according to the conveyor longitudinal axis

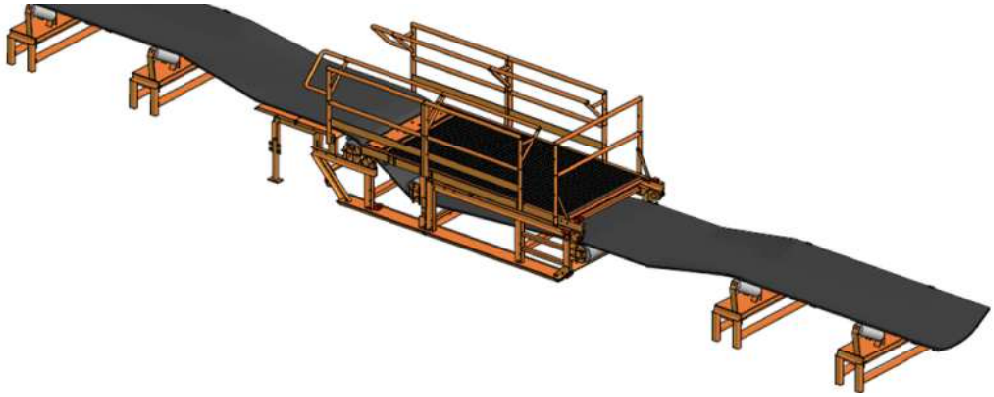
Type: 21-108

Technical data:

Load capacity of the platform.....two persons
Width of the belt.....1200mm
Width of the platform.....1400mm
Length of the platform.....5000mm
Travel speed of the belt.....max 2.5

Visual overview:





Intended use:

A compact platform adapted for leaving the lower belt of a conveyor, Type 21-108, allows the people to exit quickly and comfortably in an upright position the lower belt according to the conveyor longitudinal axis directly onto the landing. The compact platform is designed to be installed on a conveyor Type 'Gwarek' with the belt width of 1200 mm in mine headings.

Additional information:

The described product has:
» Technical Opinion No. 174/T/CBiDGP/2009,
» Declaration of Conformity.

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CARBOMECH Sp. z o.o.

PRODUCT CATALOGUE

Card number: IX/06

Name: A swing gate structure for installation of a limit switch

Type: 21-162

Technical data:

Load capacity of the platform.....two persons
Width of the belt.....1200mm
Width of the platform.....1400mm
Length of the platform.....5000mm
Travel speed of the belt.....max 2.5 m/s

Visual overview:

Intended use:

The structure Type 21-162 of a swing gate is designed to protect against accidental passing the limit point, if the workers or the large items transported by the belt conveyor overrun it. The gate and its actuator, that is a limit switch incorporated into the conveyor control system, is designed to stop in an emergency the drive motors of the belt conveyor and block them in a stopped condition.

The structure is designed to be used in underground mining companies in both methane and non-methane areas of mining headings with the classes „a", „b" and „c".

Additional information:

The width of the actuating element depends upon the width of the belt and it must be selected so that the disc covers the whole width of the belt. The minimum disc width (size 'b') in relation to the belt width is given in the following Table.

Belt width	a	b
1000	1200	915
1200	1400	1080
1400	1600	1280

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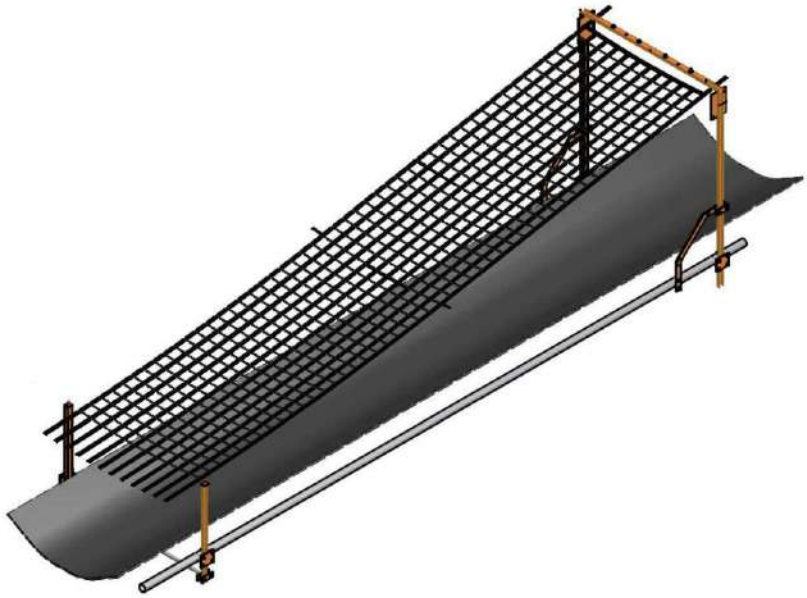
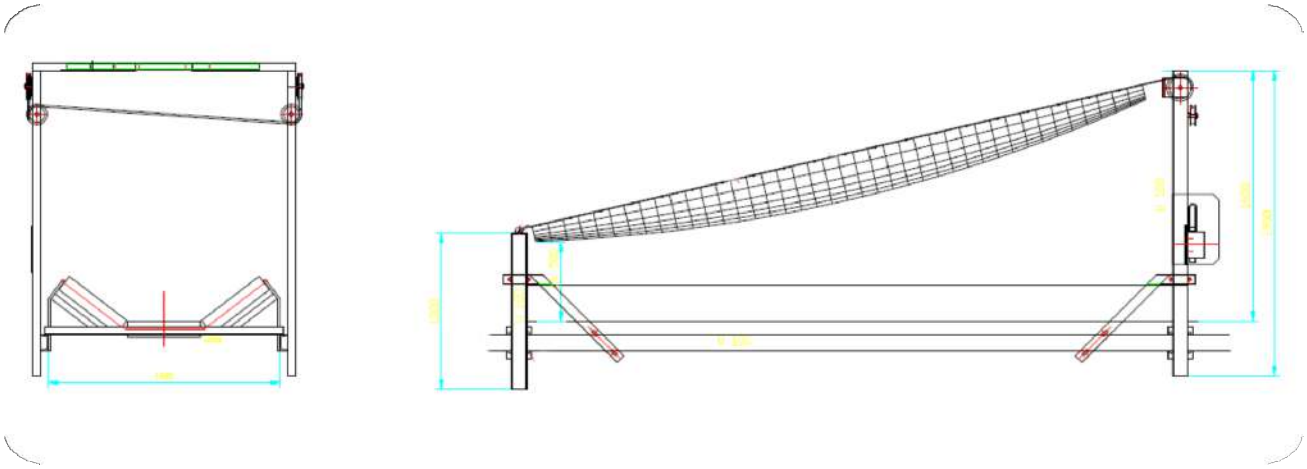
CARBOMECH Sp. z o.o.	PRODUCT CATALOGUE	Card number: IX/07
	Name: A structure for installation of a net-type switch	
	Type: 21-182	

Visual overview:





Intended use:

The structure for installation of a net-type switch, Type 21-182, is designed to stop in an emergency the belt conveyor by the net that is spread out along the conveyor for a distance of 4 6 m and that is ended with the limit switch, Type WL-92, if the workers being on the belt overrun it.

The areas on belt conveyors that should be protected in this particular manner are the areas behind the exit platforms for the transported people, before the dangerous transfer points or inlets to the storage tanks.

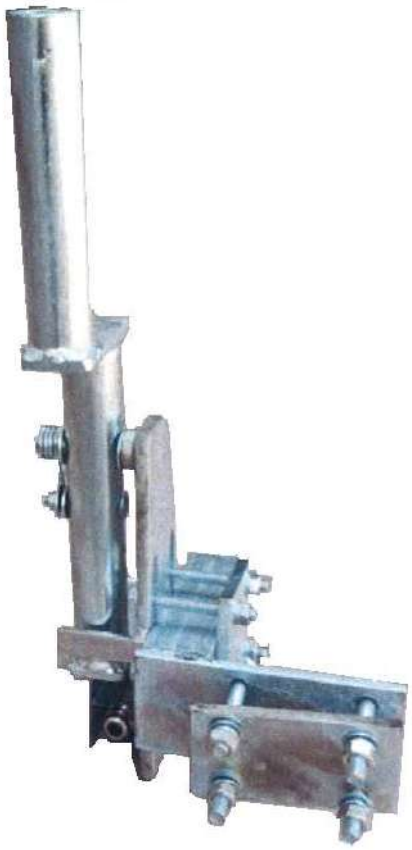
The structure height is adjustable depending on the needs and requirements specified in the documentation of the conveyor transport system.

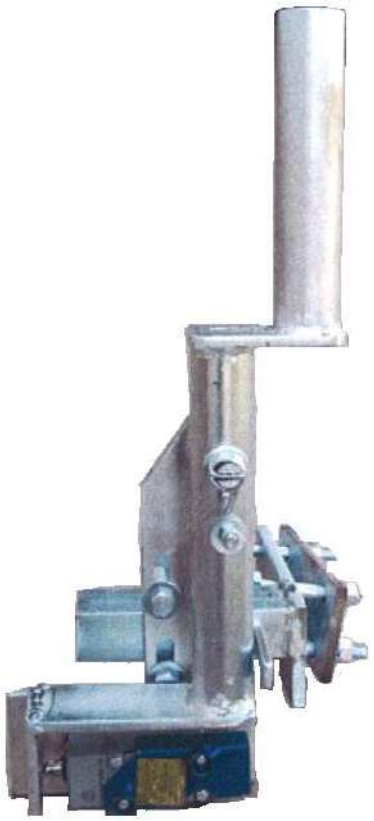
The structure is designed to be used in underground mining companies in both methane and non-methane areas of mining headings with coal dust explosion hazard classes „a", „b" and „c".

Name: A structure

Type: 21-181

Visual overview:





Intended use:

The structure Type 21-181 with an installed element that can be switched off (e.g. a limit switch) is designed to signal or to turn off the belt conveyor, if the conveyor belts do not run axially.

The structure Type 21-181 designed to control axiality of the belt running is to be built on both sides of the belt conveyor structure in particular to control the driving sections, turning stations or platforms for people getting on the belt conveyors.

The structure is designed to be used in underground mining companies in both methane and non-methane areas of mining headings with methane explosion hazard classes „a", „b" and „c", and coal dust explosion hazard classes A or B.

CARBOMECH Sp. z o.o.

PRODUCT CATALOGUE

Card number: IX/09

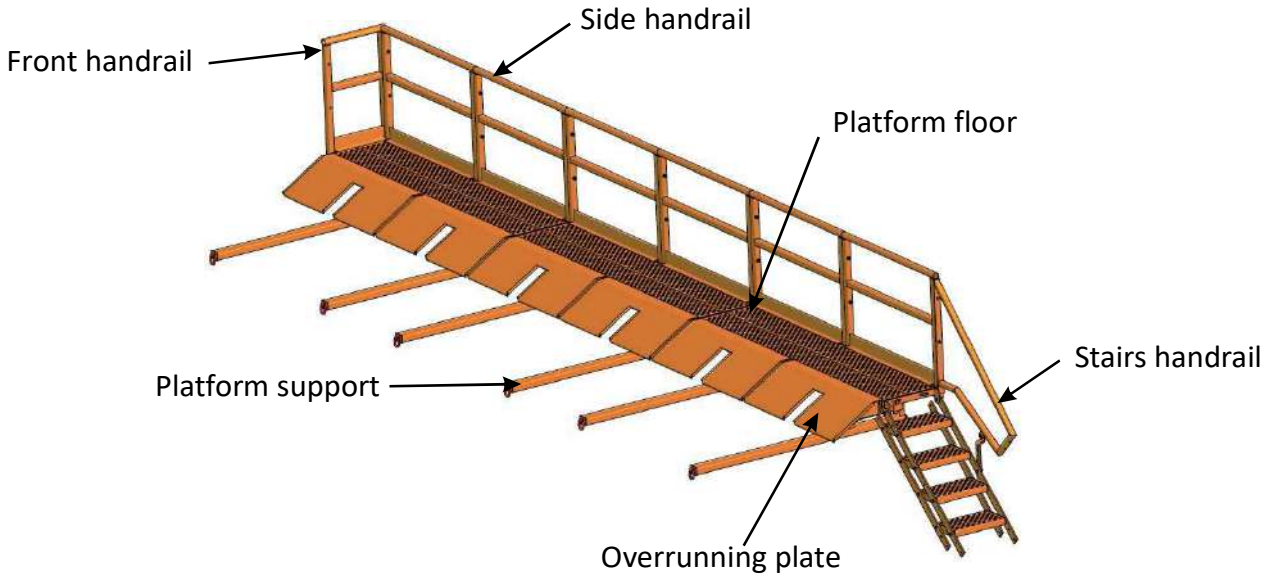
Name: A platform to get off the conveyor belt

Type: 21-102.2

Technical data:

Load capacity of the platform.....420 kg (four persons)
Width of the platform.....500mm
Length of the platform.....7500mm
Travel speed of the belt.....max 2.5 m/s

Visual overview:



Intended use:

A platform allows the people to exit the conveyor belt. It is designed to be installed on the supporting structure of the conveyor route in order to allow the people riding the belt to get off the belt in a standing position.

Additional information:

The described product has:
» Technical Opinion No. 1/T/CBiDGP/2012,
» Declaration of Conformity.