# **LEADING IN WELDING SAFETY**

# CATALOGUE 2014 CONSTRUCTION



**Version 14/01** 



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### **CONSTRUCTION** General information



### **GENERAL INFORMATION**

#### Protection

Designing a good workplace for welders and grinders and preventing risks are the primary prerequisites for any company or organization involved in professional welding. In addition to these social and humane aspects, there are also factors such as, reducing injuries and sickness absence of welders and other workers, reducing fire hazard and the potential loss of production due to damage, all of which should be taken into account. Maximum protection of workers against the risks involving welding light, noise and heat are essential for responsible management.

CEPRO is a specialist in designing safe welding and grinding work areas and can provide a comprehensive range of products and services. CEPRO products not only increase the safety of the working area, but they also increase efficiency resulting in an improved workflow and cost-savings.

CEPRO products are the result of years of experience in the design and equipping of safe welding and grinding work areas. Our products comply with all the currently applicable standards and regulations, including several subfields.

This section explains how different construction items can be used to build the available systems. Our CEPRO team has years of experience and knowledge to help you and are available for your questions without any obligation. Feel free to contact us for more information.

#### Construction

Our range of products includes a large variety of fastening material and suspension systems.



**CONSTRUCTION** Quality

### QUALITY

CEPRO can provide a wide range of services and products. All products requiring a NEN certification have been approved.

The construction products you choose to optimize your (business) processes deserve special attention. This concerns, among other things, the specific harmonization of individual components.

Through years of experience in the development and manufacture of its products CEPRO has gained expertise in the use of individual products and their overall application. During the product testing phase, CEPRO subjects its products to simulated practical situations to conform to predetermined standards.

A construction item is only released for use after the quality requirements have been guaranteed. CEPRO sets out clear construction principles and puts these into practice.

CEPRO guarantees, on the basis of product certifications and its reliable expertise, that the structures provided deliver the maximum possible efficiency.

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### SWIVEL ARMS & POLES

CEPRO offers an extensive range of swivel arms, columns and poles making it possible to combine a wide variety of protection items and booths. CEPRO swivel arms, columns and poles are characterized by their excellent quality and ease of use. You can find the appropriate arm, column or pole and its related support for each application. We are ready to meet your special requirements. Please consult our sales department.

### Available types

- Pipe swivel arm
- Modular swivel arm
- Swivel heavy duty arm
- Swivel joint arm
- Columns and poles in rectangular pipe
- Columns

### Technical information

It is important to check all connecting parts of the swivel arm periodically. Further technical specifications are provided with with description of each product.



### CEPRO PIPE SWIVEL ARM

- 180 ° pivotable
- Round tube 35mm Ø
- Assembly plate included
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



### **CEPRO PIPE SWIVEL ARM 200 CM**

Maximum length 2 meter, produced from tube of  $35mm \emptyset$ . This product is finished with a grey (RAL 7035) powdercoating. Fitted with a mechanical hinge and an assembly plate for fixing the arm against a wall or column. Radius Range Height Max. static load Max. dynamic load Control : 208cm : 180 ° : 36cm : 190 N : 250 N

: manually



82.10.15



# CEPRO PIPE SWIVEL ARM

- 180 ° pivotable
- Round tube 35mm Ø
- Assembly plate included
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



### **CEPRO PIPE SWIVEL ARM**

The CEPRO pipe swivel arm is easy to install by means of the mounting plate and easy to handle.

Further this modell swivel arm can simply be cut to the required length.





# CEPRO MODULAR SWIVEL ARM

- 180° Pivotable
- Rectangular tube 50 x 50mm
- Assembly plate included
- Fitted with a brake system
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



### **CEPRO MODULAR SWIVEL ARM 200CM**

Produced from a rectangular tube 50 x 50mm. This product is finished with a grey (RAL 7035) powdercoating. The swivel arm is fitted with a brake system and an assembly plate for fixing the arm against a wall or column.



82.10.30.0200

Radius: 208cmRange: 180°Height: 87cmMax. static load: 500 NMax. dynamic load: 650 NControl: manual

Modular swivel arm



# CEPRO MODULAR SWIVEL ARM

- 180° Pivotable
- Rectangular tube 50 x 50mm
- Assembly plate included
- Fitted with a brake system
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.

### **CEPRO MODULAR SWIVEL ARM 300CM**

Produced from a rectangular tube 50 x 50mm. This product is finished with a grey (RAL 7035) powdercoating. The swivel arm is fitted with a brake system and an assembly plate for fixing the arm against a wall or column.



Radius	: 299cm
Range	: 180°
Height	: 87cm
Max. static load	: 450 N
Max. dynamic load	: 600 N
Control	: manual

### **CEPRO MODULAR SWIVEL ARM 400CM**

Produced from a rectangular tube 50 x 50mm. This product is finished with a grey (RAL 7035) powdercoating. The swivel arm is fitted with a brake system and an assembly plate for fixing the arm against a wall or column.



Radius	: 389cm
Range	: 180°
Height	: 87cm
Max. static load	: 400 N
Max. dynamic load	: 550 N
Control	: manual

#### **CEPRO MODULAR SWIVEL ARM 500CM**

Produced from a rectangular tube 50 x 50mm. This product is finished with a grey (RAL 7035) powdercoating. The swivel arm is fitted with a brake system and an assembly plate for fixing the arm against a wall or column.



Radius: 487cmRange: 180°Height: 87cmMax. static load: 350 NMax. dynamic load: 480 NControl: manual



# CEPRO SWIVEL ARM HEAVY DUTY

- Suitable for heavy loads
- Rectangular tube 50 x 50mm
- Fitted with a mechanical lock
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



### **CEPRO SWIVEL ARM HINGED 600CM**

Swivel arm, 6 meter (4 + 2 meters), made with a double girder 50 x 50 mm. This first part swivels in a block bearing and has a mechanical lock. The second part has an adjustable brake system. This part has a maxium radius of 2 x  $112^{\circ}$ 



Radius Range Height Max. static load Max. dynamic load Control : 592 cm : 180 ° : 99 cm : 1) 700 N 2) 200 N : 1) 900 N 2) 250 N : manual

For fixing the arm against a wall a special assembly plate (82.10.43) should be ordered separately.

Swivel arm heavy duty



# CEPRO SWIVEL ARM HEAVY DUTY

- Suitable for heavy loads
- Rectangular tube 50 x 50mm
- Fitted with a mechanical lock
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.

#### **CEPRO SWIVEL ARM 600CM**

Swivel arm, maximum length 6 meter, girder made from rectangular tube  $50 \times 50$  mm. This arm is fitted with a hinge in a block bearing with and a mechanical lock.



Radius Range Height Max. static load Max. dynamic load Control

: 597cm : 180° : 99cm : 500 N : 650 N : manual

For fixing the arm against a wall a special assembly plate (82.10.43) should be ordered separately.

### **ASSEMBLY PLATE**

Assembly plate for swivel arm 82.10.50 or 82.10.45

Dimensions; 990 x 130mm

Before mounting always check if the wall or column is suitable to bear the load of the swivel arm. Only use fastners that are suitable to use on the wall or columns.

82.10.43



#### **CEPRO SWIVEL ARM 400CM**

Swivel arm, maximum length 4 meter, double girder made from rectangular tube 50 x 50mm. This arm is fitted with a hinge in a block bearing with and a mechanical lock. 82.10.51



Radius Range Height Max. static load Max. dynamic load Control

: 397cm : 180°

: 99cm

: 800 N

: 1000 N

: manual

For fixing the arm against a wall a special assembly plate (82.10.43) should be ordered separately.



# **CEPRO SWIVEL JOINT ARM**

- Completely foldable with 2 joints
- Fitted with a brake system
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



#### **CEPRO SWIVEL JOINT ARM**

Foldable swivel arm, with 2 joints. The first part has a adjustable brake system. This swivel arm can be extended with parts of 60cm, with a maximum length of 211cm. This product is finished with a grey (RAL 7035) powdercoating.



Range Height Max. static load Max. dynamic load Control : 180° : 87cm : 1) 400 N 2) 190 N : 1) 550 N 2) 240 N : manual

### CONSTRUCTION Swivel joint arm



# CEPRO SWIVEL JOINT ARM

- Completely foldable with 2 joints
- Fitted with a brake system
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.

#### **CEPRO SWIVEL JOINT ARM BASIC PART**

This part consists of a hinge piece with mounting plate and the basic girder. The hinge is fitted with an adjustable brake system. Made from rectangular tube  $50 \times 50$  mm.

82.10.17.02



### **CEPRO SWIVEL JOINT ARM EXTENSION PART**

The extension is prepared with a pre-drilled patern to fit directly to the basic girder and is extendable with a pipe swivel arm. Made from rectangular tube 50 x 50mm. 82.10.17.03



#### PIPE SWIVEL ARM FOR SWIVEL JOINT ARM

Maximum length 2 meter, produced from tube of  $35mm \emptyset$ . This product is finished with a grey (RAL 7035) powdercoating. Fitted with a mechanical hinge and an assembly plate for fixing.





# CEPRO TELESCOPIC SWIVEL ARM

- Retractable for free entrance
- Suitable for both curtains and strips
- Fitted with a brake system
- Finished grey RAL 7035 powdercoating

For all swivel arms special conditions apply. The freight charges will be calculated and invoiced separately on each order.



#### **CEPRO TELESCOPIC SWIVEL ARM**

14

This swivel arm is fitted with a telescope. The hinge of the arm is fitted with an adjustable brake. The swivel arm can be used with both strips and curtains, but is not suitable for heavy loads like a wire-box.

On request

Radius
Range
Height
Max. static load
Max. dynamic load
Control

: variable : 180°

: 30cm

: manual

: -







# CEPRO SUPPORTS FOR SWIVEL ARMS

• Suitable for swivel arms which are produced from rectangular tube 50 x 50mm.



#### SET FOR FIXING TUBE UNDER SWIVEL ARM

Standard set for fixing a tube 33.7mm Ø under a swivel arm 82.10.45 + 82.10.50.

Supports are galvanized.

80.15.01

### SET FOR FIXING TUBE UNDER SWIVEL ARM

Standard set for fixing a tube 33.7mm Ø under a swivel arm 82.10.30 + swivel joint arm

Supports are galvanized.

80.15.02







Supports for swivel arms



# CEPRO SUPPORTS FOR SWIVEL ARMS

• Suitable for swivel arms which are produced from rectangular tube 50 x 50mm.



### FIXING SET FOR WIRE-BOX

Set for fitting wire-box under a swivel arm, incl. runners, heavy-duty hook and chain with grip Maximum load 25kg. 82.01.02





### **CONSTRUCTION** Poles

### **CEPRO POLES**

- Made from rectangular profile
- Pre-drilled fixing holes for mounting several CEPRO supports
- Finished grey RAL 7035 powdercoating
- Made with a footplate for a stable fitting to the floor

For all columns and poles special conditions apply. The freight charges will be calculated and invoiced separately on each order.



#### POLE 300CM

Pole, height 300cm, with a steel pole  $100 \times 100 \times 4$ mm and a footplate 500 x 500 x 15mm One side with M10 pre-drilled fixing holes.

This product is finished with a grey (RAL 7035) powdercoating.

83.20.01.0300



Poles



### **CEPRO POLES**

- Made from rectangular profile
- Pre-drilled fixing holes for mounting several CEPRO supports
- Finished grey RAL 7035 powdercoating
- Made with a footplate for a stable fitting to the floor

For all columns and poles special conditions apply. The freight charges will be calculated and invoiced separately on each order.

#### POLE 300CM

Pole, height300 cm, with a steel pole  $80 \times 80 \times 3mm$ and a footplate 300 x 300 x 10mm. 3 sides with M8 predrilled fixing holes.

This product is finished with a grey (RAL 7035) powdercoating.

83.10.02.0300



#### POLE 300CM

Pole, height 300cm, with a steel pole 50 x 50 x 2mm and a footplate  $110 \times 110 \times 8$ mm. All sides with M8 pre-drilled fixing holes.

This product is finished with a grey (RAL 7035) powdercoating.

83.10.01.0300



#### **POLE 225CM**

Pole, height 225cm, with a steel pole 50 x 50 x 2mm and a footplate 110 x 110 x 8mm. All sides with M8 predrilled fixing holes.

This product is finished with a grey (RAL 7035) powdercoating.

83.10.01.0225





### CONSTRUCTION Columns

# **CEPRO COLUMNS**

- Made from round tube
- Prepared for moutingplate
- Finished in red-lead
- Made with a footplate for a stable fitting to the floor

For all columns and poles special conditions apply. The freight charges will be calculated and invoiced separately on each order.



### COLUMN 400CM

Column, height 4.000mm, made from round pipe 323.9mm Ø x 10mm (wall thickness). Equipped with a footplate 600 x 600 x 15mm.

Finished in red-lead

83.25.02.0400





# CEPRO COLUMNS

- Made from round tube
- Prepared for mounting plate
- Finished in red-lead
- Made with a footplate for a stable fitting to the floor

For all columns and poles special conditions apply. The freight charges will be calculated and invoiced separately on each order.

#### COLUMN 400CM

Column, height 4.000mm, made from round pipe 193.7mm Ø x 6.3mm (wall thickness). Equipped with a footplate 500 x 500 x 15mm.

Finished in red-lead.

83.25.01.0400



### **PLEASE NOTICE ! COMBINATION SWIVEL ARM AND COLUMNS**

Orders for swivel arms (for strips or curtains) which will be fixed onto one of the CEPRO columns or poles, will only be delivered in the combinations as mentioned below

Curtains max. height 250cm	Curtains max. height 500cm	Strips max. height 250cm	Strips max. height 500cm
column 83.10.02.0300	column 83.10.02.0300	column 83.10.02.0300	column 83.20.01.0300
column 83.10.02.0300	column 83.10.02.0300	column 83.20.01.0300	column 83.20.01.0300
column 83.10.02.0300	column 83.20.01.0300	column 83.25.01.0400	column 83.25.01.0400
column 83.20.01.0300	column 83.20.01.0300	column 83.25.01.0400	column 83.25.02.0400
column 83.20.01.0300	column 83.20.01.0300	column 83.25.02.0400	column 83.25.02.0400
	column 83.10.02.0300 column 83.10.02.0300 column 83.10.02.0300 column 83.20.01.0300	column 83.10.02.0300 column 83.10.02.0300   column 83.10.02.0300 column 83.10.02.0300   column 83.10.02.0300 column 83.20.01.0300   column 83.20.01.0300 column 83.20.01.0300	Column 83.10.02.0300 Column 83.10.02.0300 Column 83.10.02.0300   column 83.10.02.0300 column 83.10.02.0300 column 83.20.01.0300   column 83.10.02.0300 column 83.20.01.0300 column 83.20.01.0300   column 83.20.01.0300 column 83.20.01.0300 column 83.25.01.0400



### **CONSTRUCTION** Rail system

**CEPRO RAIL SYSTEM** 



#### **RAIL SUPPORT**

Rail support with long bolt M10 for rail 30 x 35mm

86.10.02





RAIL CONNECTOR

Rail connector with long bolt M10. For rail 30 x 35mm

86.10.03





**CEILING CONNECTOR** Ceiling rail connector for single rail 30 x 35mm

86.10.20





Brochure 6 - Construction - Cepro catalogue 2014

Rail system



# CEPRO RAIL SYSTEM





Rail system

# CEPRO RAIL SYSTEM



### CONSTRUCTION Rail system



# **CEPRO RAIL SYSTEM**





### **CONSTRUCTION** Tube system

# **CEPRO TUBE SYSTEM**



#### **CEILING SUPPORT**

Ceiling support, for connecting pipe max 34mm Ø to the wall or ceiling

86.40.10

### FLANGE

Flange, for connecting pipe (33.7mm Ø, 2.9mm wall thickness) to a wall or column

86.40.41









**PIPE SUPPORT** Pipe support with bolt (M8 x

35mm) for pipe max 33.7mm Ø.

86.40.50





Tube system



2,5

33,7

# **CEPRO TUBE SYSTEM**

### TUBE

Pipe 33.7mm Ø, 2.9mm wall thickness per running meter, maximum length 6 meter

86.40.00

For logistical reasons we advise the shipment of tube in bundles or in maximum length of 3 meters.

#### **TUBE CONNECTOR**

**SUSPENSION RING** 

set of 7 pieces)

Suspension ring, steel, for pipe max 33.7mm Ø (packed per

10.48.50.0007

Pipe connector for pipe 33.7mm Ø. Only suitable for use next to a support

86.40.30





33.4

5

4



48

0



Suspension ring, plastic, for pipe max 33.7mm Ø.

10.48.40

#### **SUSPENSION HOOK**

Suspension ring, metal, extra large for heavy duty purposes. For pipe max :

Ø 34 mm	10.48.55
Ø 50 mm	10.48.58
Ø 70 mm	10.48.56

#### **SUSPENSION RING**

Stainless steel suspension ring.

10.48.52







### **CONSTRUCTION** Tube system

# **CEPRO TUBE SYSTEM**



256

80.10.02

Brochure 6 - Construction - Cepro catalogue 2014







## CONSTRUCTION Cable reel



### CABLE REEL

A cable reel is ideal for screening off a workplace while at the same time allowing fast and easy access.

The spring recoiled wire with a length of up to 8 meters is easily pulled out of the drum to be attached to the tensioning device opposite on the other side. Curtains (max. drop is 2.00 meters) can be hung on the stretched cable. These can be easily moved, after which the wire can be retracted and the cable drum swung aside to allow easy access to the welding area.

### Technical information

- Always hold the cable when you rewind it in order to avoid damage to the machine, injuries to people or to surrounding things.
- Do not open the spring housing box. The spring may only be repaired or replaced by qualified technicians.
- Any replacement of cable reel parts has to be done using original spare parts.
- Before replacing any part(s) we advise you to contact CEPRO.













Cable reel



# CEPRO CABLE REEL

- Quick screening off of the workplace
- Easy to operate
- Cable length 8 meter
- Thickness cable 3mm
- Sturdy metal housing







**Cepro International BV** Postbus 183 5120 AD Rijen The Netherlands Parallelweg 38 5121 LD Rijen The Netherlands



WELDING CURTAINS



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WELDING BOOTHS GRINDING BOOTHS



OUTDOOR WELDING



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