

SWIVEL ARM MODULAR

COMPOSITION

Carbon steel parts, powder coated.
Contain no toxic parts.
Contain no inflammable parts.
Contain no electrical parts.

USE AND HANDLING

Coating will be damaged by open fire or intensive heat.

MAINTENANCE AND SAFETY

- The assembly plate is provided with holes Ø12 mm for mounting to a solid wall of column which can withstand larger forces.
- It is absolutely important that bolts periodically must be checked at free assembly.
- Turning axis's must be greased for optimal function. Interval depends of intension of use.
- Weld seams must be visual periodic inspected on cracks.
- Arm may not be overload the maximum indicated weight.
- Arm is only suitable for use of strip, curtain or blanket separation. It is not recommended for hoisting operations.

COMBINATION SWIVEL ARM AND COLUMNS / POLES

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

Swivel arm maximum length	Curtains max. height 250cm	Curtains max. height 500cm	Strips max. height 250cm	Strips max. height 500cm
2 meter	column 83.10.02.0300	column 83.10.02.0300	column 83.10.02.0300	column 83.20.01.0300
3 meter	column 83.10.02.0300	column 83.10.02.0300	column 83.20.01.0300	column 83.20.01.0300
4 meter	column 83.10.02.0300	column 83.20.01.0300	column 83.25.01.0400	column 83.25.01.0400
5 meter	column 83.20.01.0300	column 83.20.01.0300	column 83.25.01.0400	column 83.25.02.0400
6 meter	column 83.20.01.0300	column 83.20.01.0300	column 83.25.02.0400	column 83.25.02.0400

SWIVEL ARM MODULAR

TECHNICAL SPECIFICATION

Model 200 cm

Type of swivel arm	: Standard design, swivel arm
Total weight	: 20 kgs.
Maximum static load	: 700 N
Maximum dynamic peak load	: 900 N
Total length	: 208 cms
Range	: 180°
Overall size height	: 87 cms
Functional length	: 199 cms
Operation	: by hand
Coating	: powder coated in grey RAL7035
Materials	: steel pipe and strip profiles
Application	: for internal use

Model 300 cm

Type of swivel arm	: Standard design, swivel arm
Total weight	: 23 kgs.
Maximum static load	: 700 N
Maximum dynamic peak load	: 900 N
Total length	: 306 cms
Range	: 180°
Overall size height	: 87 cms
Functional length	: 297 cms
Operation	: by hand
Coating	: powder coated in grey RAL7035
Materials	: steel pipe and strip profiles
Application	: for internal use

Model 400 cm

Type of swivel arm	: Standard design, swivel arm
Total weight	: 31 kgs.
Maximum static load	: 700 N
Maximum dynamic peak load	: 900 N
Total length	: 396 cms
Range	: 180°
Overall size height	: 87 cms
Functional length	: 387 cms
Operation	: by hand
Coating	: powder coated in grey RAL7035
Materials	: steel pipe and strip profiles
Application	: for internal use

SWIVEL ARM MODULAR

TECHNICAL SPECIFICATION

Model 500 cm

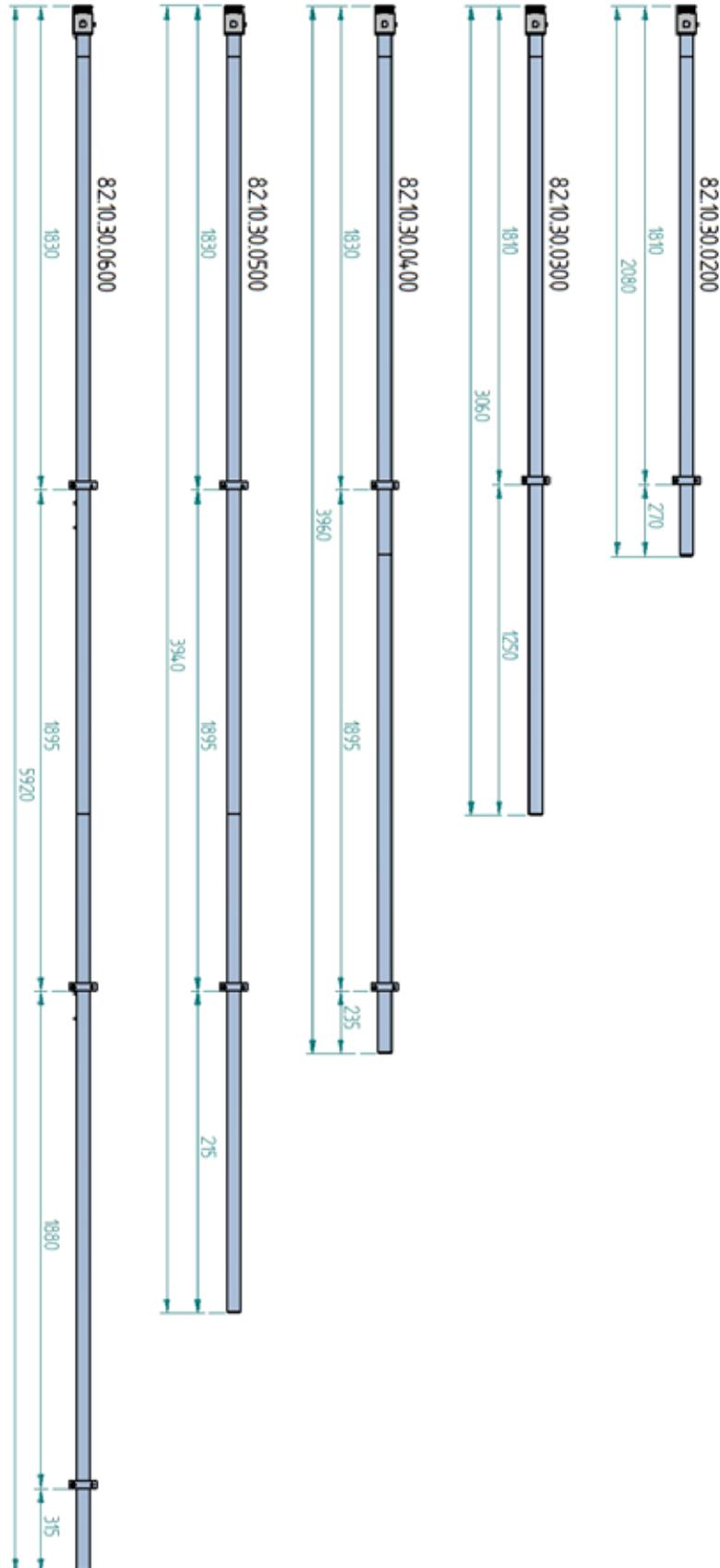
Type of swivel arm	: Standard design, swivel arm
Total weight	: 36 kgs.
Maximum static load	: 700 N
Maximum dynamic peak load	: 900 N
Total length	: 494 cms
Range	: 180°
Overall size height	: 87 cms
Functional length	: 485 cms
Operation	: by hand
Coating	: powder coated in grey RAL7035
Materials	: steel pipe and strip profiles
Application	: for internal use

Model 600 cm

Type of swivel arm	: Standard design, swivel arm
Total weight	: 45 kgs.
Maximum static load	: 700 N
Maximum dynamic peak load	: 900 N
Total length	: 592 cms
Range	: 180°
Overall size height	: 87 cms
Functional length	: 583 cms
Operation	: by hand
Coating	: powder coated in grey RAL7035
Materials	: steel pipe and strip profiles
Application	: for internal use




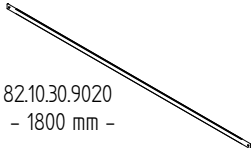







SWIVEL ARM MODULAR

DIMENSIONS



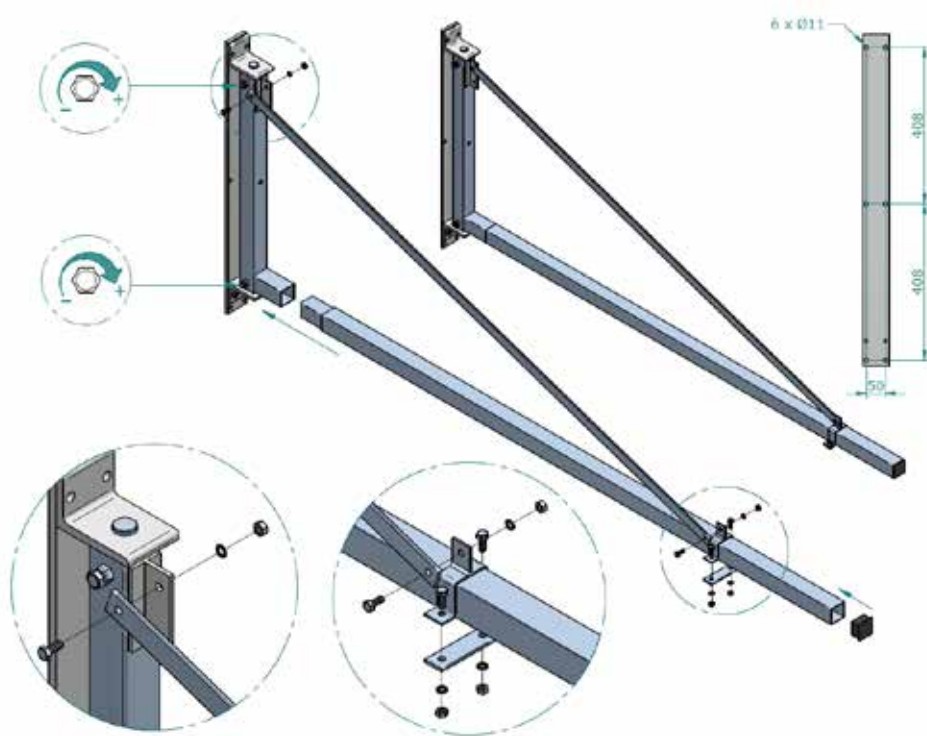
SWIVEL ARM MODULAR

PART LIST

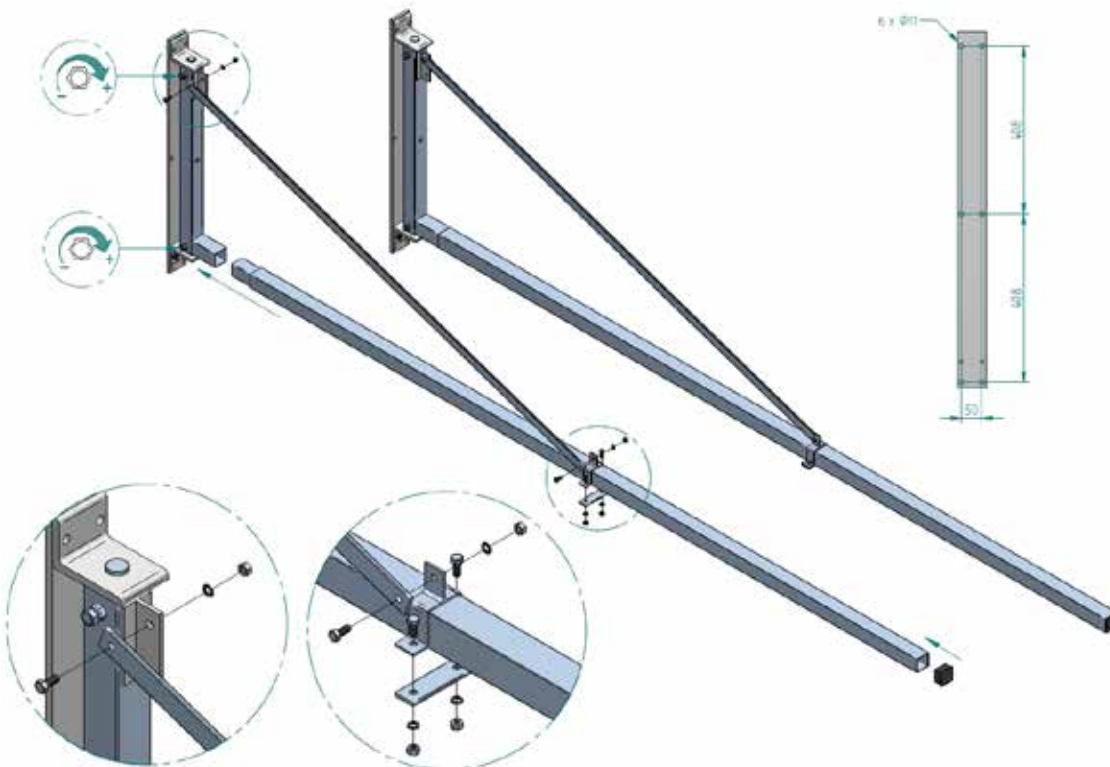
	82.10.30.0200 200cm	82.10.30.0300 300cm	82.10.30.0400 400cm	82.10.30.0500 500cm	82.10.30.0600 600cm
 82.10.30.9005	1	1	1	1	1
 82.10.30.9010 - 1880 mm -	1		2	1	
 82.10.30.9015 - 2860 mm -		1		1	2
 82.10.30.9020 - 1800 mm -	1	1	3	3	6
 82.10.30.9025			1	1	3
 82.10.30.9030 + 99.80.02	1	1	2	2	3
 99.30.05.3202	1	1	1	1	1
 DIN933 - M8x20 mm	4	4	8	8	11
 DIN933 - M8x40 mm			2	2	5
 DIN934 - M8	4	4	10	10	16
 DIN125-1A - M8	8	8	20	20	32

SWIVEL ARM MODULAR

MOUNTING



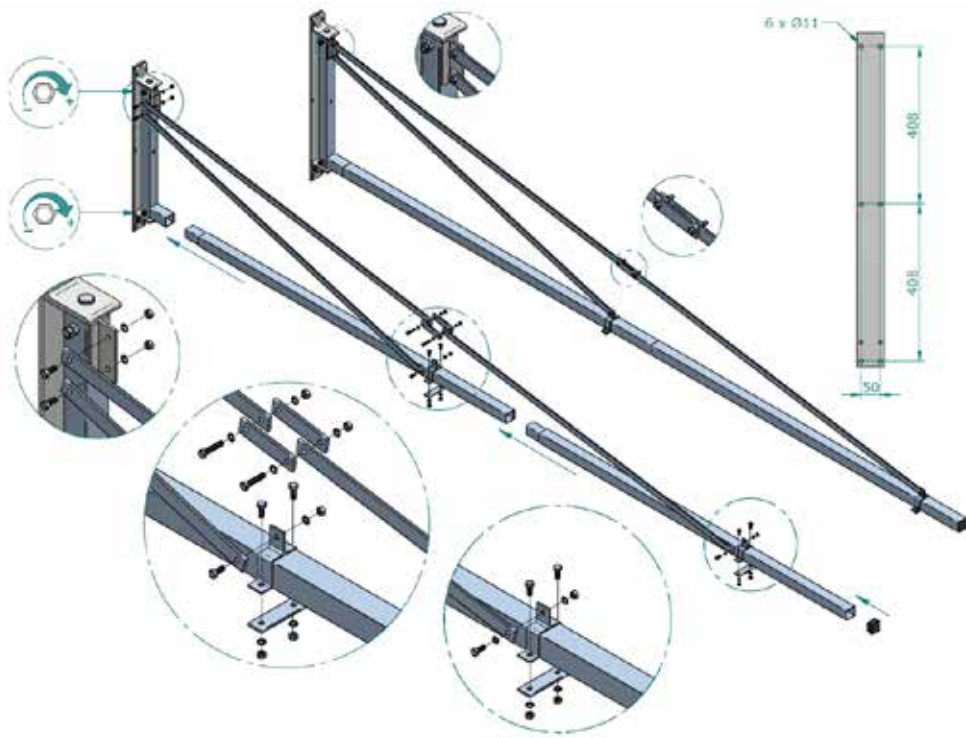
Mounting instruction model 200 cm



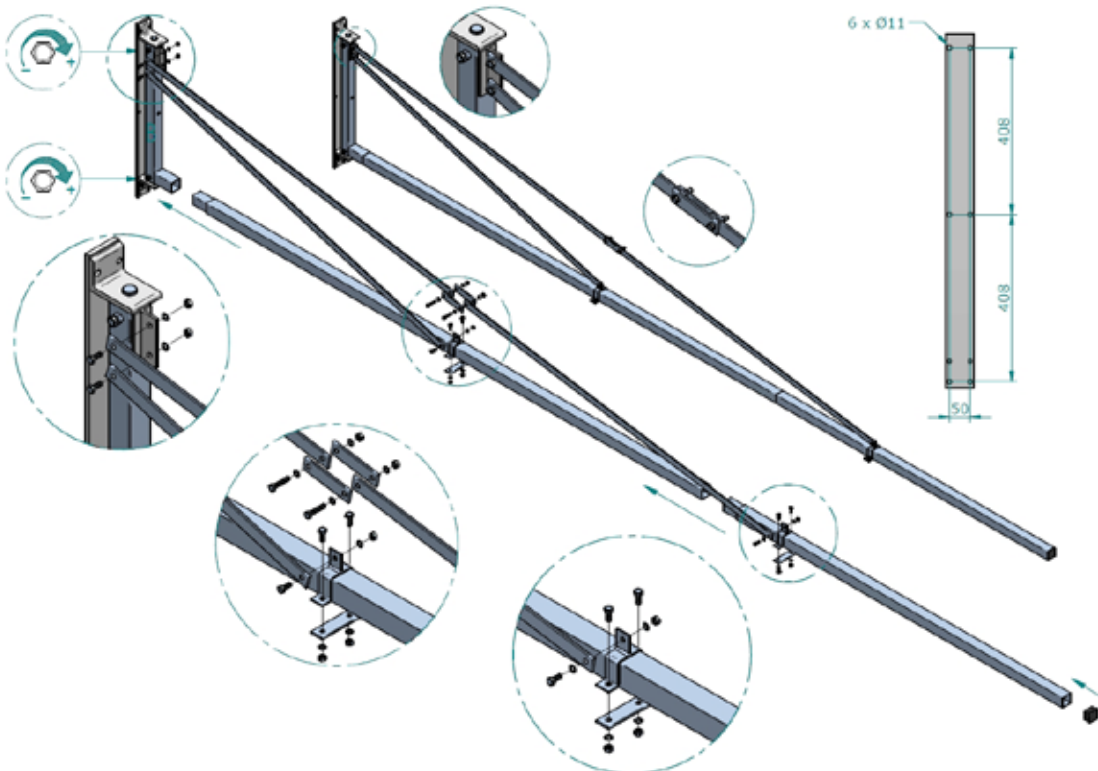
Mounting instruction model 300 cm

SWIVEL ARM MODULAR

MOUNTING



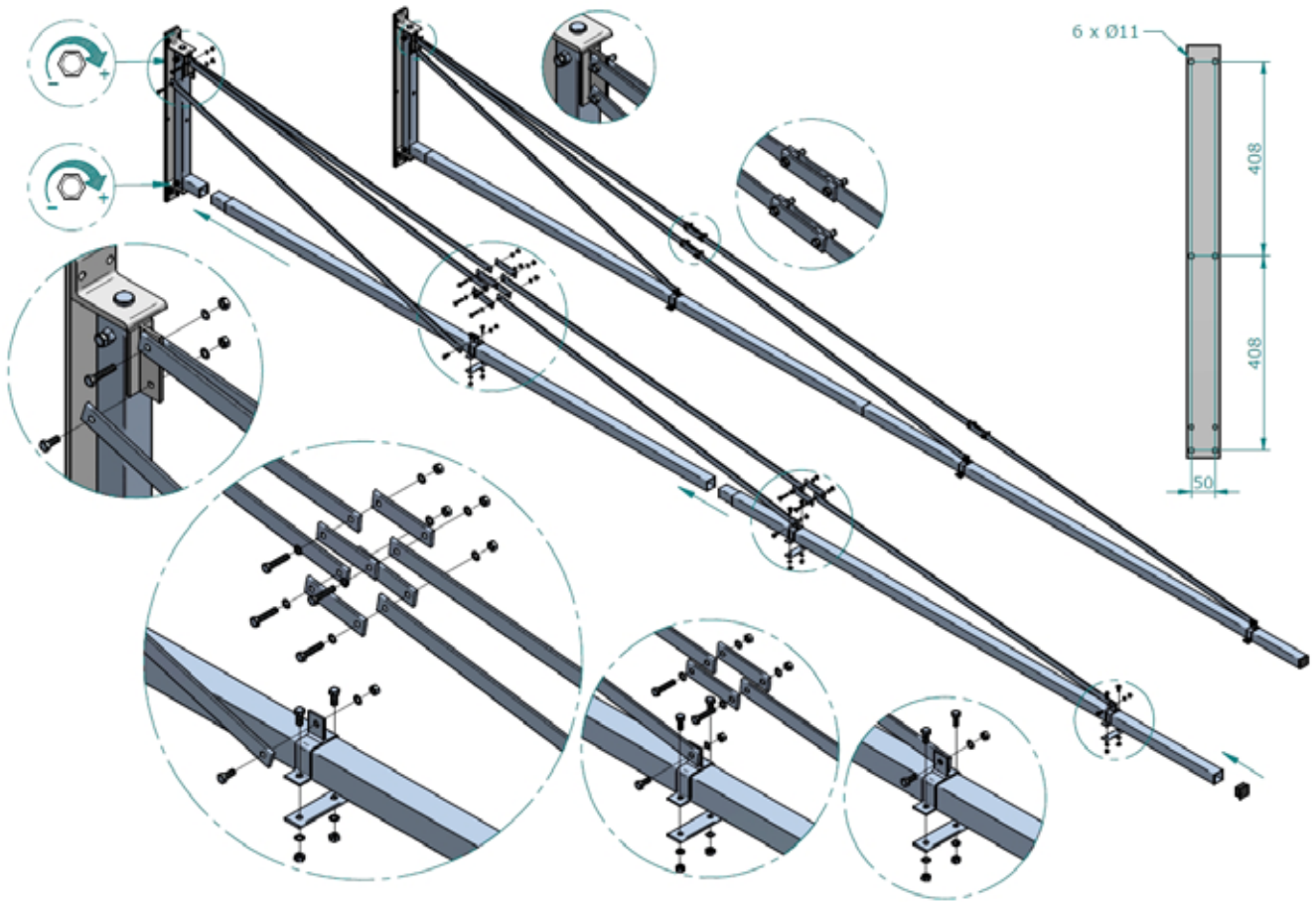
Mounting instruction model 400 cm



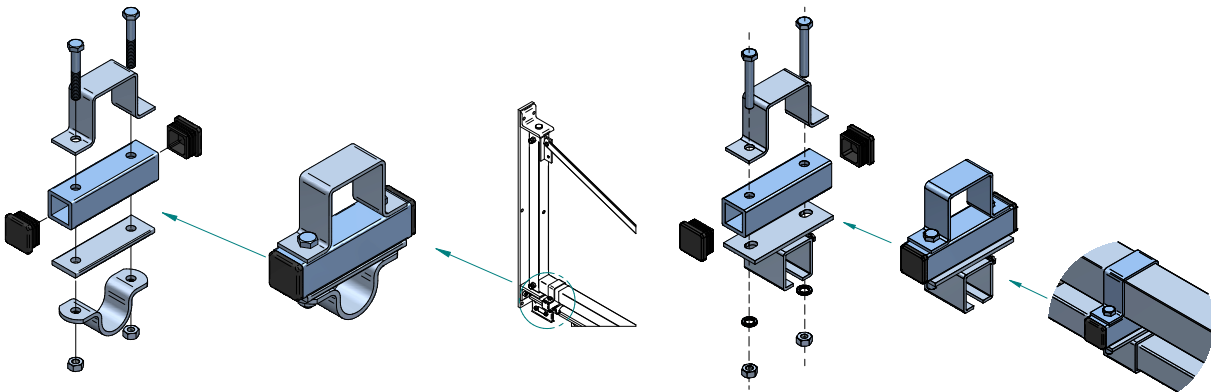
Mounting instruction model 500 cm

SWIVEL ARM MODULAR

MOUNTING



Mounting instruction model 600



Set for fixing tube under swivel arm 80.15.02

Set for fixing rail under swivel arm 80.15.03

SWIVEL ARM MODULAR

Description

This model swivel arm contain welded carbon steel parts, powder coated in grey RAL7035, gloss $\pm 70\%$ and has five different available standard lengths: 200 cms, 300 cms, 400 cms, 500 cms, and 600 cms. Height of assembly plate is 87 cms. The swivel arm is fitted with a mechanical hinge and an assembly plate for fixing the arm against a wall or column. To withstand larger forces, the swivel arm do have one or a set of diagonal strips. The beam can be easily enlarged to apply modulair standard parts. To install curtains or strips, a single tube or single rail profile must be fixed under the beam.

Application

To apply pvc strips and curtains which have been fixed under the swivel arm's beam to obtain a moveable separation, turning at one point. Used as a turning door in front of welding cabins. Also applicable for mounting a welding wire coil in a rail system.

Conditions for use

- The mounting plate of the swivel arm must be fixed to a wall or steel column with 8 x M12 bolts. Due to the operating moment of force, wall or column must be solid and reliable to resist forces.
- Arm can be handled by one operator.

Characteristics

Welded carbon steel parts. Hinge is placed in a upper and lower plummer block-bearing. to obtain a free resistance turning. Optimum range is 180 degrees.

Standard beam exist of a rectangular tube 50x50 mm which can be easily extended to reach the required length. The extension beams are supported by the appropriated number of tensile strips.

Available dimensions

Modular swivel arm, 200cm	82.10.30.0200
Modular swivel arm, 300cm	82.10.30.0300
Modular swivel arm, 400cm	82.10.30.0400
Modular swivel arm, 500cm	82.10.30.0500
Modular swivel arm, 600cm	82.10.30.0600

