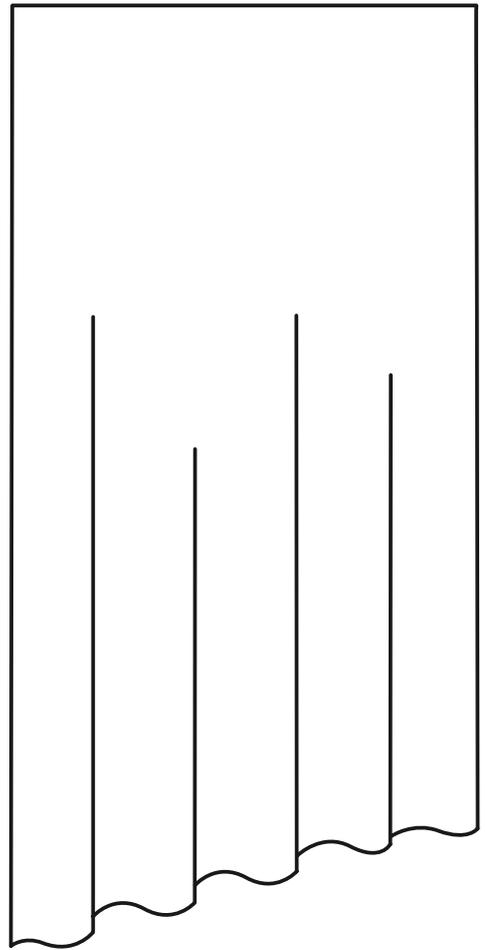


# CURTAIN TRACKS ACOUSTIC DIVIDER

SYSTEMS | CURTAIN TRACKS



*création* **baumann**  
systems

# CURTAIN TRACKS

The future belongs to curtain systems with electrical drives. Use of the latest technology makes their operation convenient and efficient, even when the curtains to be opened or closed are heavy or high.

This makes made-to-measure solutions feasible for most applications in the residential and contract market.

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## MONOTRAC MEZZO

HAND OPERATED SYSTEM



Page 4

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## MONOTRAC GRANDE

HAND OPERATED SYSTEM



Page 7

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## MONOTRAC

MEZZO POWER /



MEZZO POWER DIGITAL

ELEKTROZUG

Page 10

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## MONOTRAC

GRANDE POWER

DIGITAL

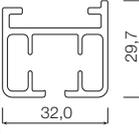
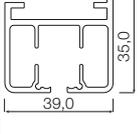
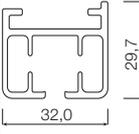
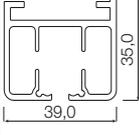


ELEKTROZUG

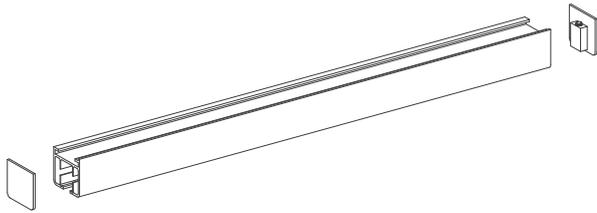
Page 19

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# OVERVIEW CURTAIN TRACKS

| Article                                    | Operation      |      |              | Application               |                           | Profile measures in mm                                                              | Gliding channel in mm | Options |        |                     | Installation |      |
|--------------------------------------------|----------------|------|--------------|---------------------------|---------------------------|-------------------------------------------------------------------------------------|-----------------------|---------|--------|---------------------|--------------|------|
|                                            | Motor electric | Hand | Whirling rod | Lateral opening (one way) | Central opening (two way) |                                                                                     |                       | Roller  | Glider | Bending radius min. | Ceiling      | Wall |
| MONOTRAC MEZZO                             |                | ■    |              | ■                         | ■                         |    | 6.0                   | ■       |        | ■<br>35 cm          | ■            |      |
| MONOTRAC GRANDE                            |                | ■    |              | ■                         | ■                         |    | 6.4                   | ■       |        | ■<br>50 cm          | ■            |      |
| MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL | ■<br>230 V     |      |              | ■                         | ■                         |   | 6.0                   | ■       |        | ■<br>35 cm          | ■            |      |
| MONOTRAC GRANDE POWER DIGITAL              | ■<br>230 V     |      |              | ■                         | ■                         |  | 6.4                   | ■       |        | ■<br>50 cm          | ■            |      |

# MONOTRAC MEZZO TECHNIQUE

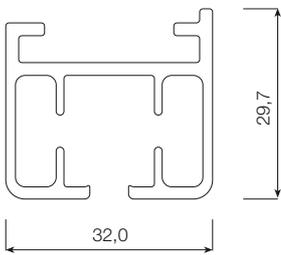


**Profile** Elegant timeless drapery traction profile, made of extruded aluminium:

- Application in contract market
- For heavy weight curtains
- Linear and bent system possible
- Suitable for roller
- Opening of glide channel approx. 6.0 mm

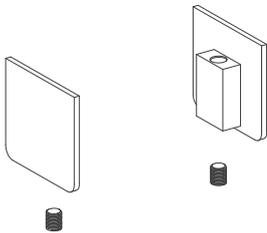
**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request

**Length of profile** Original length approx. 600 cm



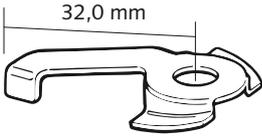
**End cap** Massiv, made of aluminium

**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request



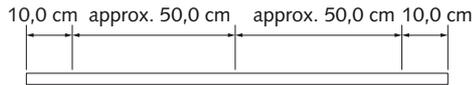
**Bending** Radius smallest approx. 35 cm

# MONOTRAC MEZZO INSTALLATION



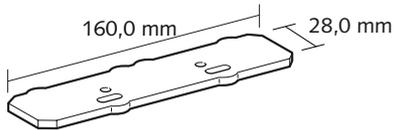
Tension jack

Galvanised metal with washer for ceiling fix



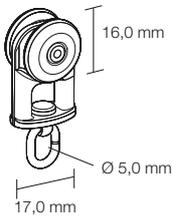
Position

Fixing points for tension jack with approx. 50 cm  
(Tensioner arm on the window side, raised profile edge on the room side)



Rail joint

Metal plate galvanised with fixing screws



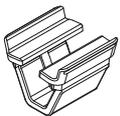
Roller

Heavy duty ball bearing roller



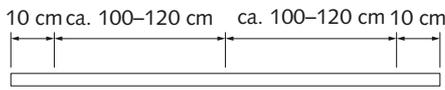
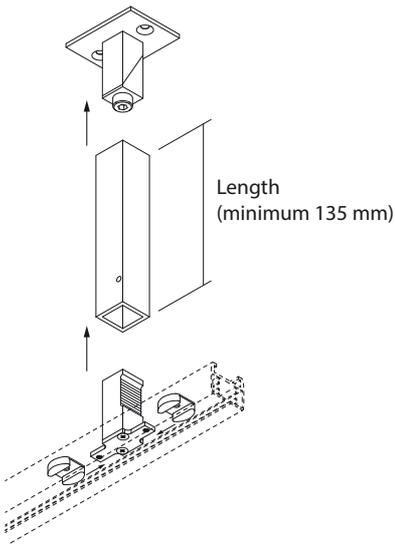
Stop

Stop nickel-plated metal with fixing screw



stopper

# MONOTRAC MEZZO MONTAGE

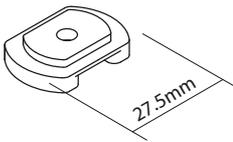


Ceiling support shortened Aluminium profile rectangular 25 x 25 mm, with fixing plate on top (size 70 x 45 mm) and adapter plate at the bottom, complete

Measures Length 200 mm  
400 mm  
600 mm  
800 mm  
1000 mm  
1200 mm

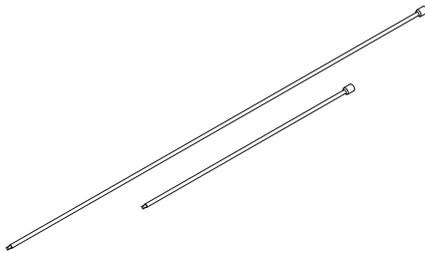
Colours Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

Position Distance between ceiling support approx. 100-120 cm according to height of support / width of the systems and weight of the curtain



Sliding block for MONOTRAC MEZZO galvanized steel

Auxiliary tool Drive extensions 3/8" 250 and 500 mm bright chrome



Example 1 Straight with 2 ceiling supports



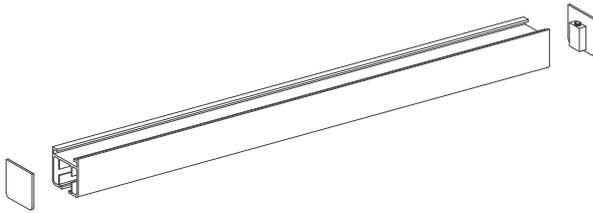
Example 2 With round the corner solution and 3 ceiling supports



Example 3 Arch element and 2 ceiling supports



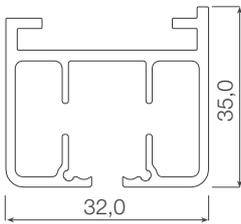
# MONOTRAC GRANDE TECHNIQUE



**Profile** Elegant timeless drapery traction profile, made of extruded aluminium:

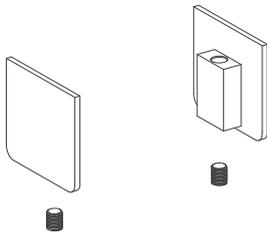
- Application in contract market
- For ultra heavy weight curtains
- Linear and bent system possible
- Suitable for roller
- Opening of glide channel approx. 6.4 mm

**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request



**Length of profile** Original length approx. 600 cm

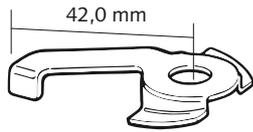
**End cap** Massiv, made of aluminium



**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request

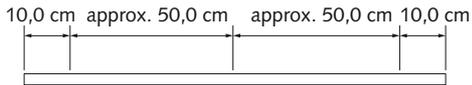
**Bending** Radius smallest approx. 50 cm

# MONOTRAC GRANDE INSTALLATION



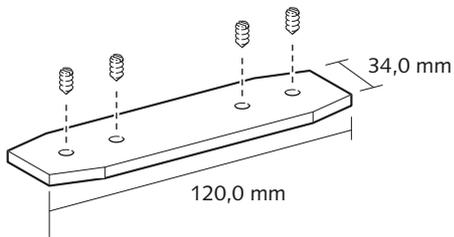
Tension jack

Galvanised metal with washer for ceiling fix



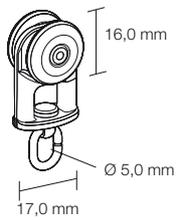
Position  
Tension jack

Fixing points for tension jack with approx. 50 cm  
(Tensioner arm on the window side, raised profile edge on the room side)



Rail joint

Metal plate galvanised with fixing screws



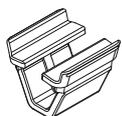
Roller  
HD

Heavy duty ball bearing roller with turning metal eyelet



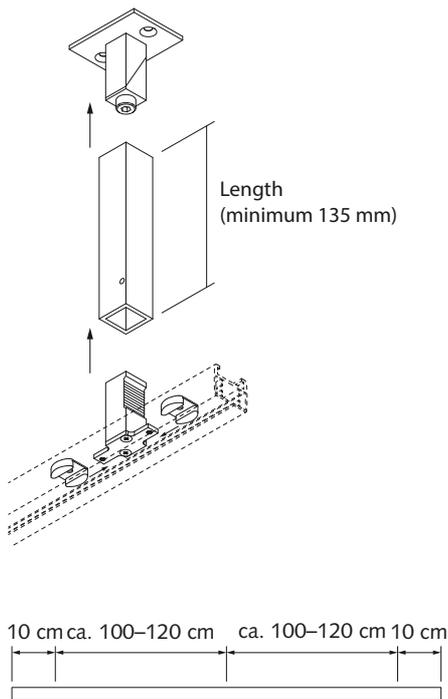
Rail joint

Metal plate galvanised with fixing screws



stopper

# MONOTRAC GRANDE MONTAGE

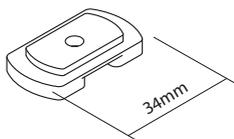


Ceiling support shortened Aluminium profile rectangular 25 x 25 mm, with fixing plate on top (size 70 x 45 mm) and adapter plate at the bottom, complete

Measures Length 200 mm  
400 mm  
600 mm  
800 mm  
1000 mm  
1200 mm

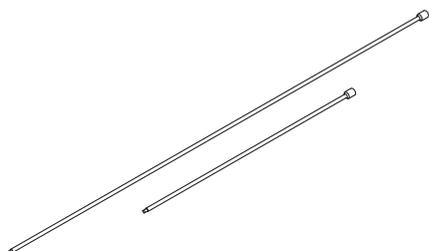
Colours Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

Position Distance between ceiling support approx. 100-120 cm according to height of support / width of the systems and weight of the curtain



Sliding block for MONOTRAC GRANDE galvanized steel

Auxiliary tool Drive extensions 3/8" 250 and 500 mm bright chrome



Example 1 Straight with 2 ceiling supports



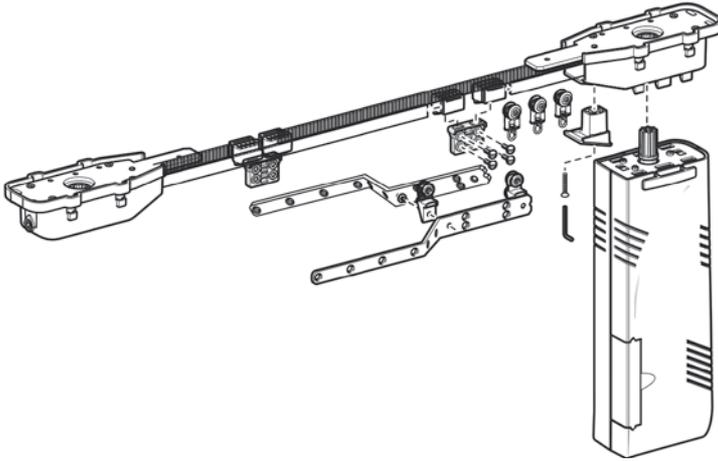
Example 2 With round the corner solution and 3 ceiling supports



Example 3 Arch element and 2 ceiling supports



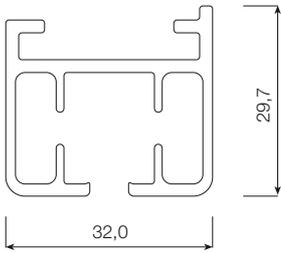
# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL    TECHNIQUE



## Profile

Robust extruded aluminium track suitable for heavy curtains, provided by electric motor, installed left or right as required:

- Bendable track approx. 600 cm length
- Expandable up to 1600 cm by rail joint
- Quiet drive mechanism
- Soft-start / soft-stop effect when drawing the curtains
- Integral bent tightener in return pulley
- Motor on top or below
- Integral radio receiver
- Stop in between possible
- Manual operation by switch drive or radio control
- Easy and fast installation by tension jack



## Colours

Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request

## Motor digital

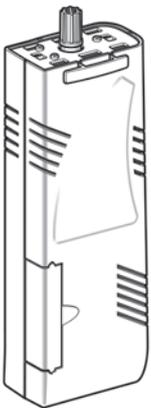
Drive mechanism with various control mode possibilities, efficient and low noise, tight dimensions, motor 90-250 V/24 VDC, 55 W, 4 Nm, running speed 25 cm/sec

## Motor 230 V

Drive for house automation on request

## Colours

Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

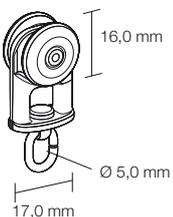


## Length of track

Up to approx. 1600 cm (from 600 cm with rail joint)

## Partition of curtain

Lateral opening (one way) or central opening (two way)



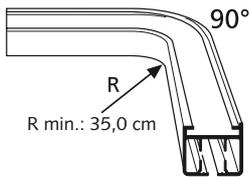
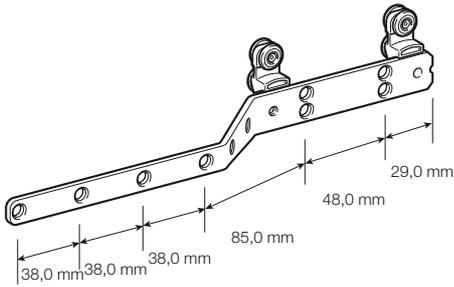
## Roller HD

Heavy duty ball bearing roller with turning metal eyelet

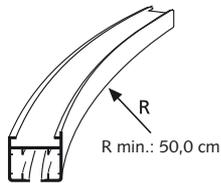
# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL TECHNIQUE



Straight arm



**Bending** MONOTRAC MEZZO POWER is used in a wide spectrum of applications in hotels, conference spaces and offices. It is suitable for practically all requirements, offering options such as bended systems within its range



Weight schedule Max. weight of curtain

|   | Curtain free hanging |        |       |       |       |       | Curtain touching the ground |       |       |       |       |       |
|---|----------------------|--------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|
|   | 2 m                  | 4 m    | 8 m   | 10 m  | 12 m  | 16 m  | 2 m                         | 4 m   | 8 m   | 10 m  | 12 m  | 16 m  |
| A | 50 kg                | 100 kg | 90 kg | 80 kg | 70 kg | 55 kg | 35 kg                       | 70 kg | 63 kg | 56 kg | 49 kg | 38 kg |
| B | 50 kg                | 100 kg | 90 kg | 80 kg | 70 kg | 55 kg | 35 kg                       | 70 kg | 63 kg | 56 kg | 49 kg | 38 kg |
| C | 40 kg                | 80 kg  | 70 kg | 60 kg | 55 kg | 45 kg | 28 kg                       | 56 kg | 49 kg | 42 kg | 38 kg | 32 kg |
| D | 40 kg                | 80 kg  | 70 kg | 60 kg | 55 kg | 45 kg | 28 kg                       | 56 kg | 49 kg | 42 kg | 38 kg | 32 kg |
| E | 20 kg                | 40 kg  | 35 kg | 30 kg | 25 kg | 20 kg | 14 kg                       | 28 kg | 24 kg | 21 kg | 18 kg | 14 kg |
| F | 20 kg                | 40 kg  | 35 kg | 30 kg | 25 kg | 20 kg | 14 kg                       | 28 kg | 24 kg | 21 kg | 18 kg | 14 kg |
| G | 20 kg                | 40 kg  | 35 kg | 30 kg | 25 kg | 20 kg | 14 kg                       | 28 kg | 24 kg | 21 kg | 18 kg | 14 kg |
| H | 20 kg                | 40 kg  | 35 kg | 30 kg | 25 kg | 20 kg | 14 kg                       | 28 kg | 24 kg | 21 kg | 18 kg | 14 kg |

# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL TECHNIQUE



Switch For single track  
Wall mounted or built-in



Switch For two tracks  
Wall mounted or built-in



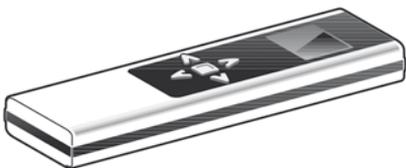
Hand transmitter Radio transmitter  
1-channel or 4-channel



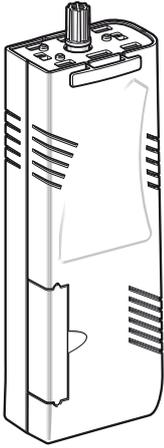
Wall transmitter Radio transmitter  
1-channel or 4-channel



Hand transmitter Radio transmitter 100-channel

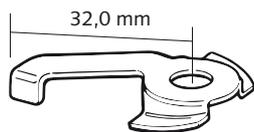


# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL    TECHNIQUE



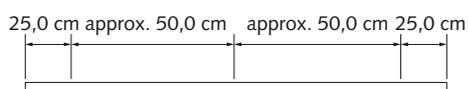
| Adjustment options                                | MEZZO POWER / MEZZO POWER DIGITAL         |
|---------------------------------------------------|-------------------------------------------|
| Change direction of movement                      | ■                                         |
| System adjustment in the OPEN and CLOSED position | ■                                         |
| Manual operation possible                         | ■                                         |
| Touch motion function                             |                                           |
| Running speed adjustment                          |                                           |
| Programming in-between position                   | ■                                         |
| Adjusting operator ergonomics (dry contact)       | ■                                         |
| Soft Start                                        | ■                                         |
| Soft Stop                                         | ■                                         |
|                                                   |                                           |
| Technical details                                 | MEZZO POWER / MEZZO POWER DIGITAL         |
|                                                   |                                           |
| Mechanic system                                   |                                           |
| Nominal torque                                    | 4 Nm                                      |
| Nominal speed                                     | 100 RPM                                   |
| Working temperature                               | + 10 °C to + 50 °C<br>+ 50 °F to + 122 °F |
| Dimensions L / W / H                              | 50 / 100 / 290 mm                         |
| Type of limits                                    | limits on hard stops<br>adjustable stops  |
| Protection class                                  | IP 30                                     |
| Noise level                                       | 44 dB(A)                                  |
| Net weight of the drive                           | ~ 1200 g                                  |
| Running speed                                     | 25 cm/s                                   |
|                                                   |                                           |
| Electronic system                                 |                                           |
| DC motor                                          | 24 V                                      |
| Voltage range                                     | 90 to 250 VA                              |
| Frequency range                                   | 50 / 60 Hz                                |
| Input                                             | 55 W                                      |
| Control method                                    | Digital<br>dry contact                    |
| Receive frequency of the radio frequency chip     | 868 MHz, 915 MHz                          |

# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL INSTALLATION



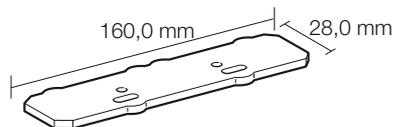
Tension jack

Galvanised metal with washer for ceiling fix



Position  
Tension jack

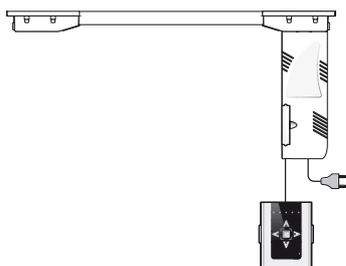
Fixing points for tension jack with approx. 50 cm  
(Tensioner arm on the window side, raised profile edge on the room side)



Rail joint

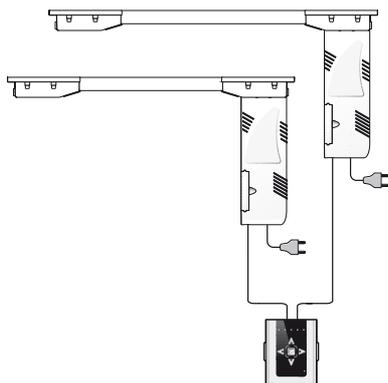
Metal plate galvanised with fixing screws

# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL INSTALLATION

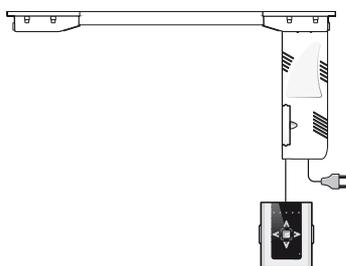


Operation  
motor digital

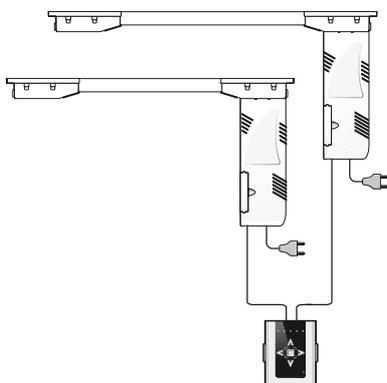
Switch single



Switch for group



Radio transmitter single



Radio transmitter for group

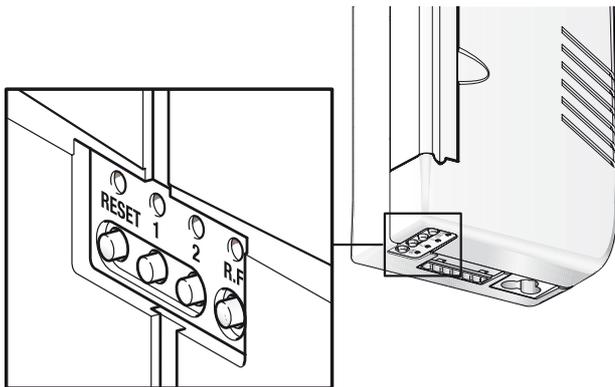
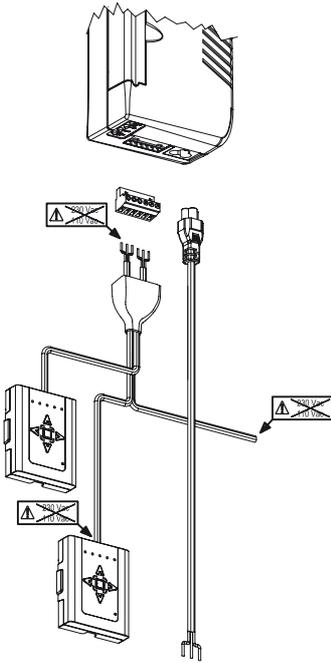
Operation  
motor 230 V

On request

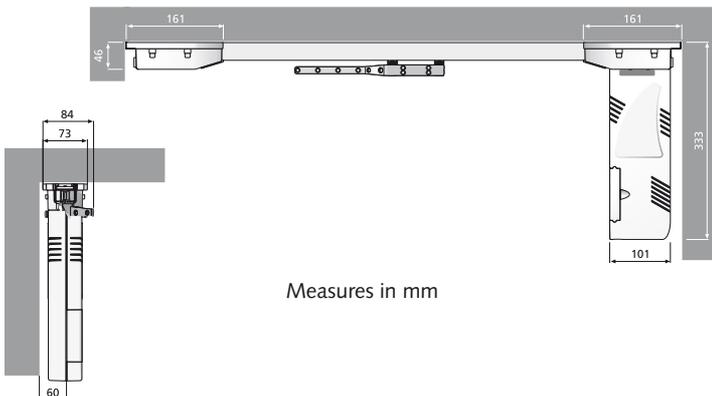
# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL INSTALLATION



Motor connections with switch control



Programming digital motor for limit stops and setting parameters of integrated radio receiver



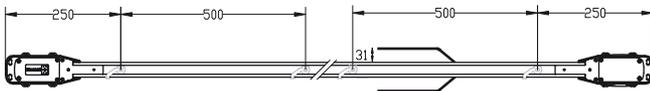
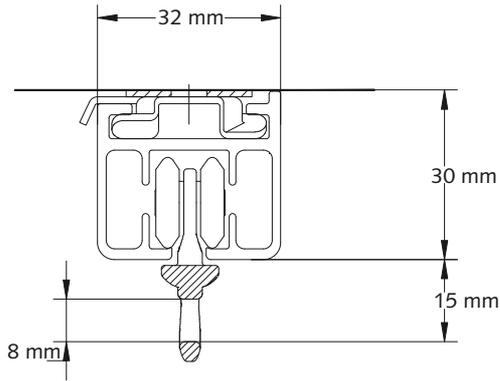
Measurements of motor / track

Measures in mm

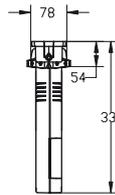
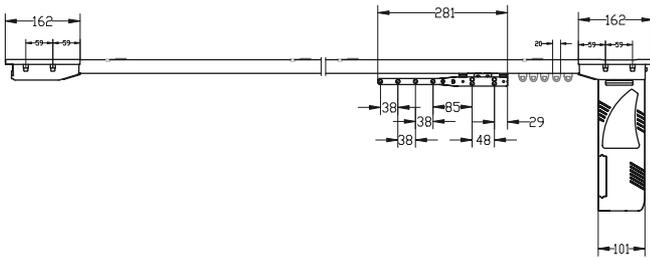
# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL INSTALLATION



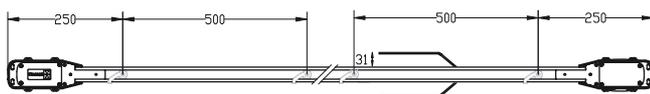
Ceiling fix with tension jack



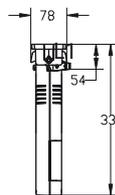
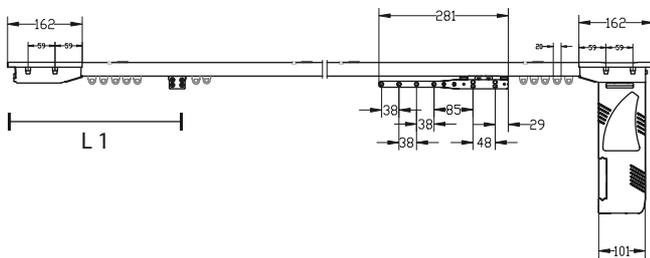
Lateral opening (one way)



Measures in mm



Central opening (two way)



L 1

L 1

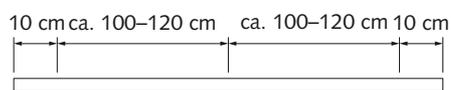
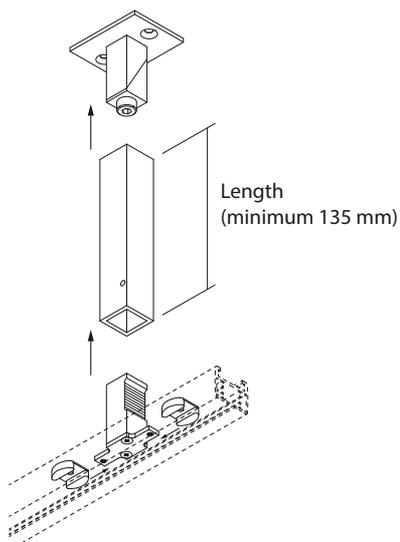
L 2

Calculation Stack size:

$L1 = 227 \text{ mm} + \text{number of rollers}$   
(17.0 mm per roller)

$L2 = L1 + 200 \text{ mm}$

# MONOTRAC MEZZO POWER / MEZZO POWER DIGITAL INSTALLATION

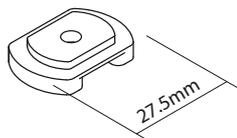


Ceiling support shortened  
Aluminium profile rectangular 25 x 25 mm, with fixing plate on top (size 70 x 45 mm) and adapter plate at the bottom, complete

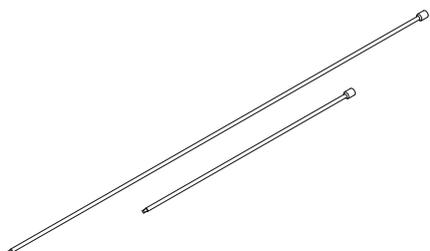
Measures  
Length 200 mm  
400 mm  
600 mm  
800 mm  
1000 mm  
1200 mm

Colours  
Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

Position  
Distance between ceiling support approx. 100-120 cm according to height of support / width of the systems and weight of the curtain



Sliding block for MONOTRAC MEZZO galvanized steel



Auxiliary tool  
Drive extensions 3/8" 250 and 500 mm bright chrome



Example 1 Straight with 2 ceiling supports

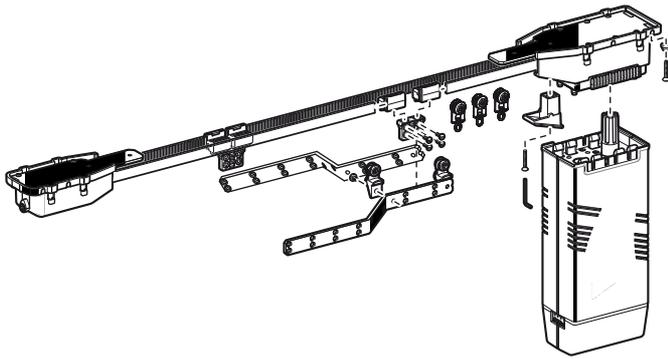


Example 2 With round the corner solution and 3 ceiling supports



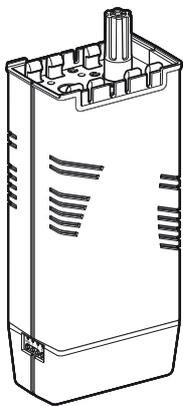
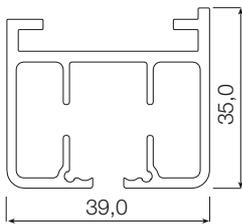
Example 3 Arch element and 2 ceiling supports

# MONOTRAC GRANDE POWER DIGITAL TECHNIQUE



**Profile** Robust extruded aluminium track suitable for heavy curtains, provided by electric motor, installed left or right as required:

- Bendable track approx. 600 cm length
- Expandable up to 2400 cm by rail joint
- Quiet drive mechanism
- Soft-start / soft-stop effect when drawing the curtains
- Integral bent tightener in return pulley
- Motor below
- Integral radio receiver
- Stop in between possible
- Manual operation by switch drive or radio control
- Easy and fast installation by tension jack



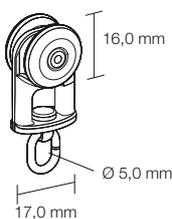
**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005  
Other colours on request

**Motor digital** Drive mechanism with various control mode possibilities, efficient and low noise, tight dimensions, motor 90-250 V/24 VDC, 110 W, 5 Nm, running speed 25 cm/sec

**Colours** Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

**Length of track** Up to approx. 2400 cm  
(from 600 cm with rail joint)

**Partition of curtain** Lateral opening (one way)  
or central opening (two way)

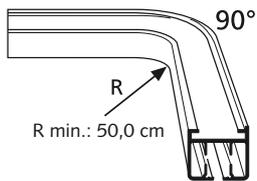
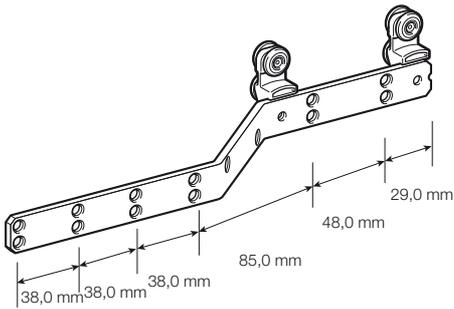


**Roller HD** Heavy duty ball bearing roller with turning metal eyelet

# MONOTRAC GRANDE POWER DIGITAL TECHNIQUE

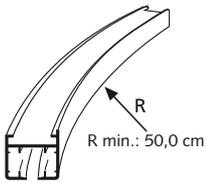


Straight arm



Bending

MONOTRAC GRANDE POWER is used in a wide spectrum of applications in hotels, conference spaces and offices. It is suitable for practically all requirements, offering options such as bended systems within its range



Weight schedule Max. weight of curtain

|   | Curtain free hanging |        |        |        |        |        | Curtain touching the ground |        |        |       |       |       |
|---|----------------------|--------|--------|--------|--------|--------|-----------------------------|--------|--------|-------|-------|-------|
|   | 4 m                  | 8 m    | 12 m   | 16 m   | 20 m   | 24 m   | 4 m                         | 8 m    | 12 m   | 16 m  | 20 m  | 16 m  |
| A | 120 kg               | 160 kg | 150 kg | 130 kg | 110 kg | 100 kg | 84 kg                       | 112 kg | 105 kg | 91 kg | 77 kg | 70 kg |
| B | 120 kg               | 160 kg | 150 kg | 130 kg | 110 kg | 100 kg | 84 kg                       | 112 kg | 105 kg | 91 kg | 77 kg | 70 kg |
| C | 60 kg                | 130 kg | 120 kg | 110 kg | 90 kg  | 80 kg  | 42 kg                       | 91 kg  | 84 kg  | 77 kg | 63 kg | 56 kg |
| D | 60 kg                | 130 kg | 120 kg | 110 kg | 90 kg  | 80 kg  | 42 kg                       | 91 kg  | 84 kg  | 77 kg | 63 kg | 56 kg |
| E | 60 kg                | 70 kg  | 65 kg  | 55 kg  | 50 kg  | 40 kg  | 42 kg                       | 49 kg  | 45 kg  | 38 kg | 35 kg | 28 kg |
| F | 55 kg                | 70 kg  | 65 kg  | 55 kg  | 50 kg  | 40 kg  | 38 kg                       | 49 kg  | 45 kg  | 38 kg | 35 kg | 28 kg |
| G | 55 kg                | 70 kg  | 65 kg  | 55 kg  | 50 kg  | 40 kg  | 38 kg                       | 49 kg  | 45 kg  | 38 kg | 35 kg | 28 kg |
| H | 55 kg                | 70 kg  | 65 kg  | 55 kg  | 50 kg  | 40 kg  | 38 kg                       | 49 kg  | 45 kg  | 38 kg | 35 kg | 28 kg |

# MONOTRAC GRANDE POWER DIGITAL TECHNIQUE



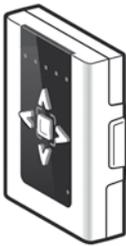
Switch For single track  
Wall mounted or built-in



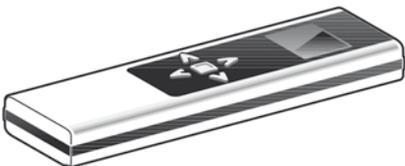
Switch For two tracks  
Wall mounted or built-in



Hand transmitter Radio transmitter  
1-channel or 4-channel

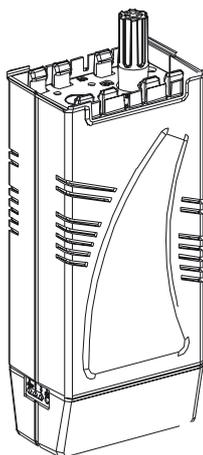


Wall transmitter Radio transmitter  
1-channel or 4-channel



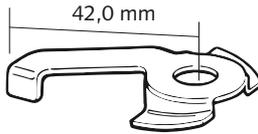
Hand transmitter Radio transmitter 100-channel

# MONOTRAC GRANDE POWER DIGITALS TECHNIQUE



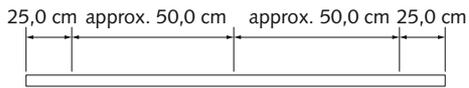
| Adjustment options                                | GRANDE POWER DIGITAL                      |
|---------------------------------------------------|-------------------------------------------|
| Change direction of movement                      | ■                                         |
| System adjustment in the OPEN and CLOSED position | ■                                         |
| Manual operation possible                         | ■                                         |
| Touch motion function                             |                                           |
| Running speed adjustment                          |                                           |
| Programming in-between position                   | ■                                         |
| Adjusting operator ergonomics (dry contact)       | ■                                         |
| Soft Start                                        | ■                                         |
| Soft Stop                                         | ■                                         |
|                                                   |                                           |
| Technical details                                 | GRANDE POWER DIGITAL                      |
|                                                   |                                           |
| Mechanic system                                   |                                           |
| Nominal torque                                    | 5 Nm                                      |
| Nominal speed                                     | 165 RPM                                   |
| Working temperature                               | + 10 °C to + 50 °C<br>+ 50 °F to + 122 °F |
| Dimensions L / W / H                              | 83 / 127 / 290 mm                         |
| Type of limits                                    | limits on hard stops<br>adjustable stops  |
| Protection class                                  | IP 30                                     |
| Noise level                                       | 45 dB(A)                                  |
| Net weight of the drive                           | ~ 3600 g                                  |
| Running speed                                     | 25 cm/s                                   |
|                                                   |                                           |
| Electronic system                                 |                                           |
| DC motor                                          | 24 V                                      |
| Voltage range                                     | 110 to 220 VA                             |
| Frequency range                                   | 50 / 60 Hz                                |
| Input                                             | 110 W                                     |
| Control method                                    | Digital<br>dry contact                    |
| Receive frequency of the radio frequency chip     | 868 MHz, 915 MHz                          |

# MONOTRAC GRANDE POWER DIGITAL INSTALLATION



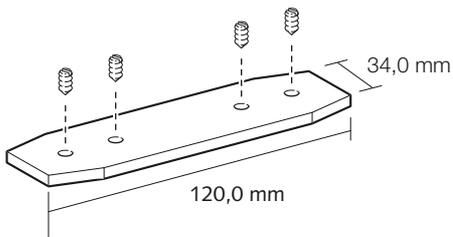
Tension jack

Galvanised metal with washer for ceiling fix



Position  
Tension jack

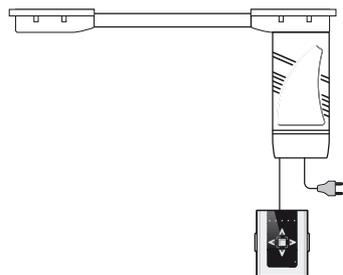
Fixing points for tension jack with approx. 50 cm (Tensioner arm on the window side, raised profile edge on the room side)



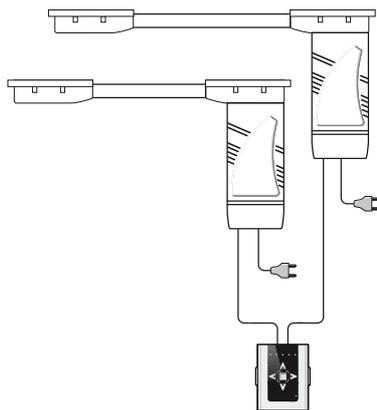
Rail joint

Metal plate galvanised with fixing screws

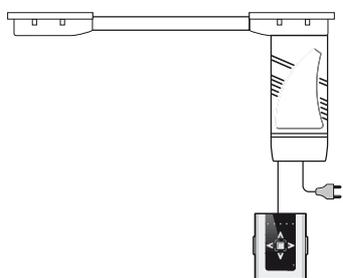
# MONOTRAC GRANDE POWER DIGITAL INSTALLATION



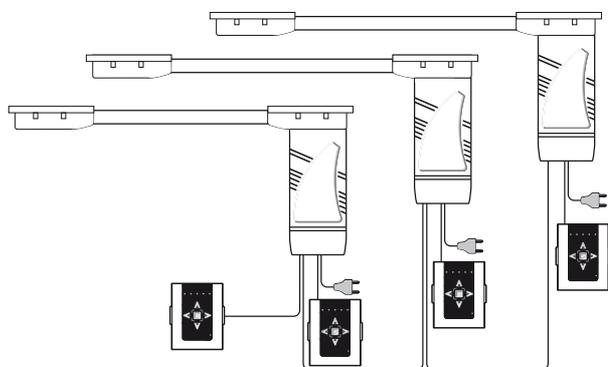
Operation Switch single



Switch for group



Radio transmitter single

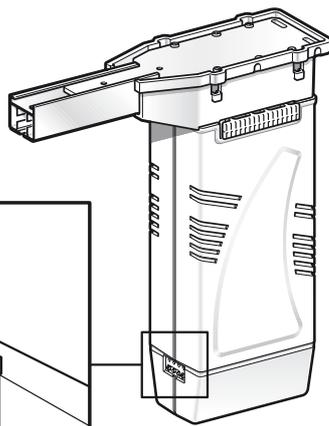
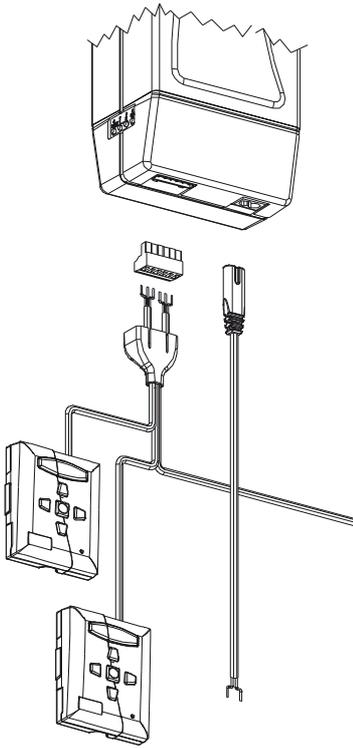


Radio transmitter for group

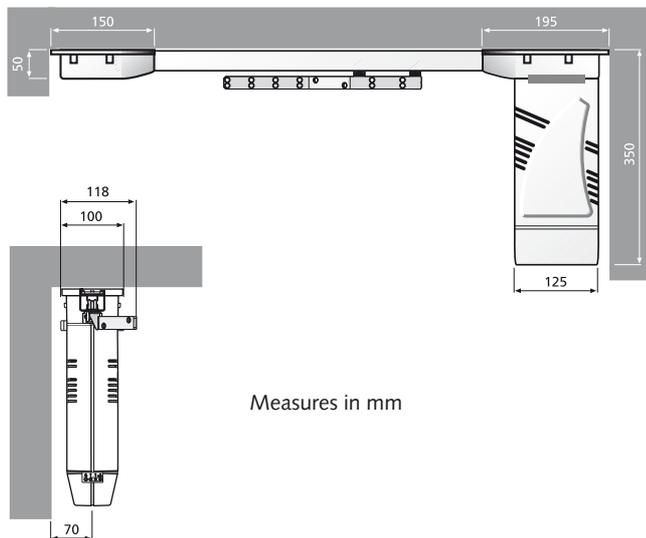
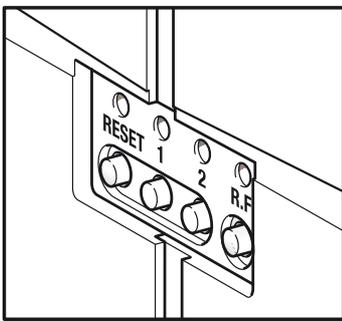
# MONOTRAC GRANDE POWER DIGITAL INSTALLATION



Motor connections with switch control



Programming digital motor for limit stops and setting parameters of integrated radio receiver



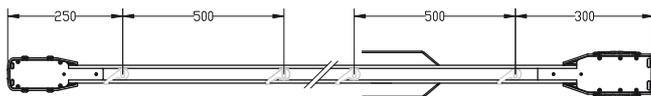
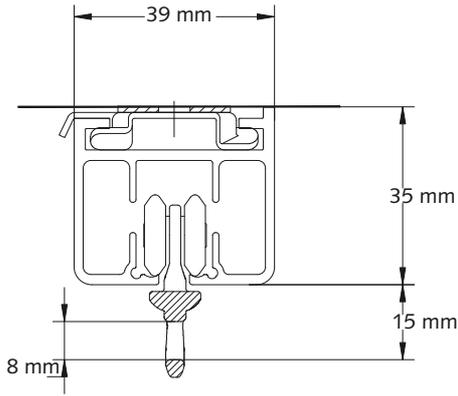
Measures in mm

Measurements of motor / track

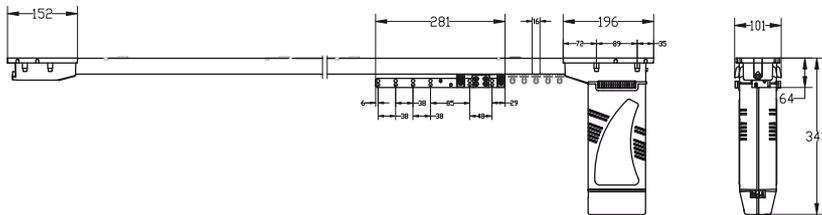
# MONOTRAC GRANDE POWER DIGITAL MONTAGE



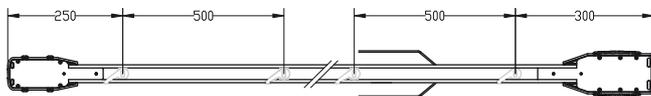
Ceiling fix with tension jack



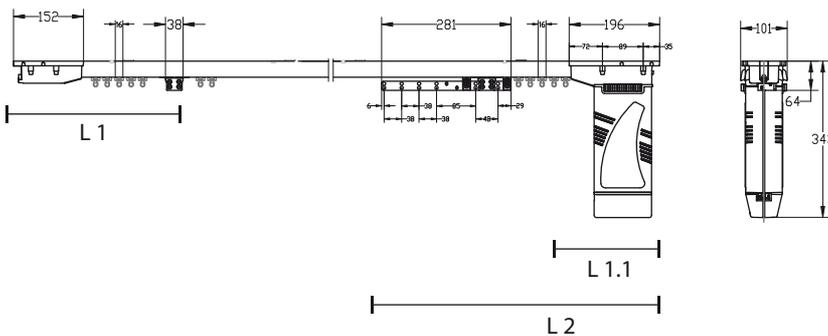
Lateral opening (one way)



Measures in mm



Central opening (two way)



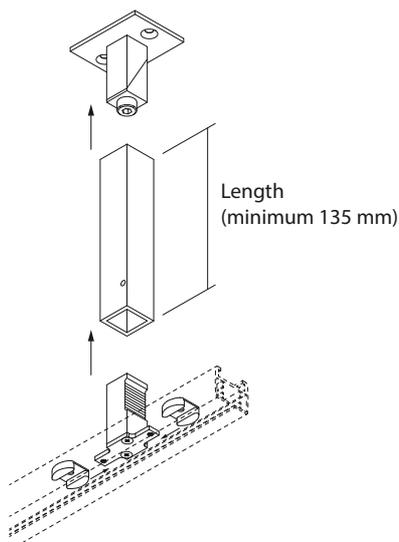
Calculation Stack size:

$L 1 = 217 \text{ mm} + \text{number of rollers}$   
(17.0 mm per roller)

$L 1.1 = 261 \text{ mm} + \text{number of rollers}$   
(17.0 mm per roller)

$L 2 = L 1.1 + 200 \text{ mm}$

# MONOTRAC GRANDE POWER DIGITAL INSTALLATION

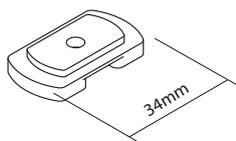
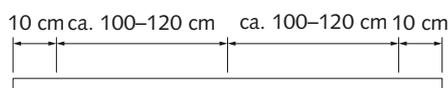


Ceiling support shortened  
Aluminium profile rectangular 25 x 25 mm, with fixing plate on top (size 70 x 45 mm) and adapter plate at the bottom, complete

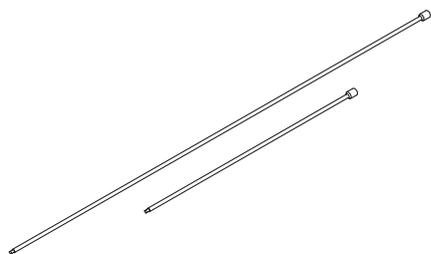
Measures Length 200 mm  
400 mm  
600 mm  
800 mm  
1000 mm  
1200 mm

Colours Standard white RAL 9016  
Standard grey RAL 9006  
Standard black RAL 9005

Position Distance between ceiling support approx. 100–120 cm according to height of support / width of the systems and weight of the curtain



Sliding block for MONOTRAC GRANDE galvanized steel



Auxiliary tool Drive extensions 3/8" 250 and 500 mm bright chrome



Example 1 Straight with 2 ceiling supports



Example 2 With round the corner solution and 3 ceiling supports



Example 3 Arch element and 2 ceiling supports

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07/2019

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