SMART LIFT SPIDER 75R

SPIDER 75 R

REACH

⭐ VERT.	➡ HORZ.	🏋 MAX. up to
2500 mm	*rail lenght	**75** kg

The 3arm Smart Lift Spider 75R is an electronic rope balancer designed to be mounted on rail systems for manually handling loads up to 75kg

TECHNICAL DATA

Load Capacity	0-75 kg
Power Supply	230 V
Lifting speed	Up to 650 mm/s . Adjustable in different heights. Pick up/release point.
Cable Stroke	2.5m
Controls	Handle mode and load mode

The 3arm Spider features make this rope balancer unique.

- **MEASURING CELL**

The application of a measuring cell leads to an optimum running performance. Self- balancing and the weight of the load is displayed exactly.

- **ENDLESS ROTATION**

Rotary units are installed on the operating handle and the column. This allows endless turning and movement of the load.

- **EASY PROGRAMMING**

The device allows to easily set up different speeds as well as reducing the speed at the pick-up and release points.

- **RAIL SYSTEMS**

The Spider can be mounted to any brand rail system due to a wide range of trolley adapting plates.
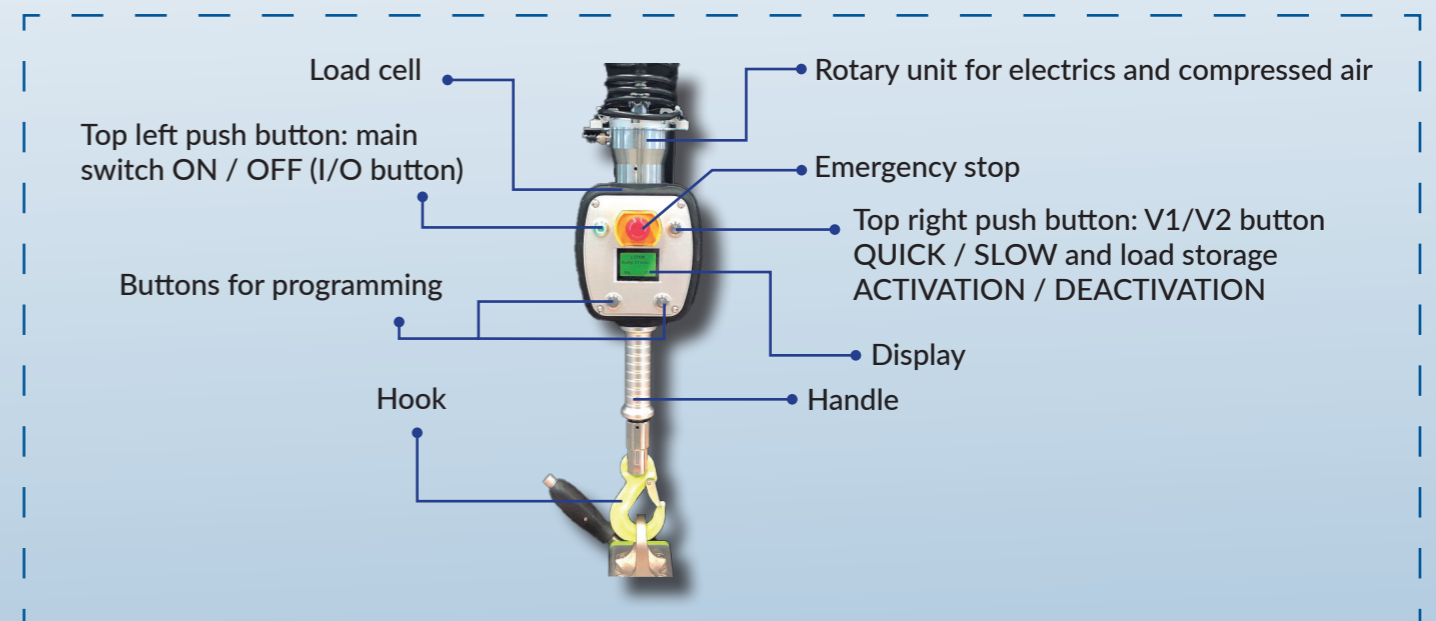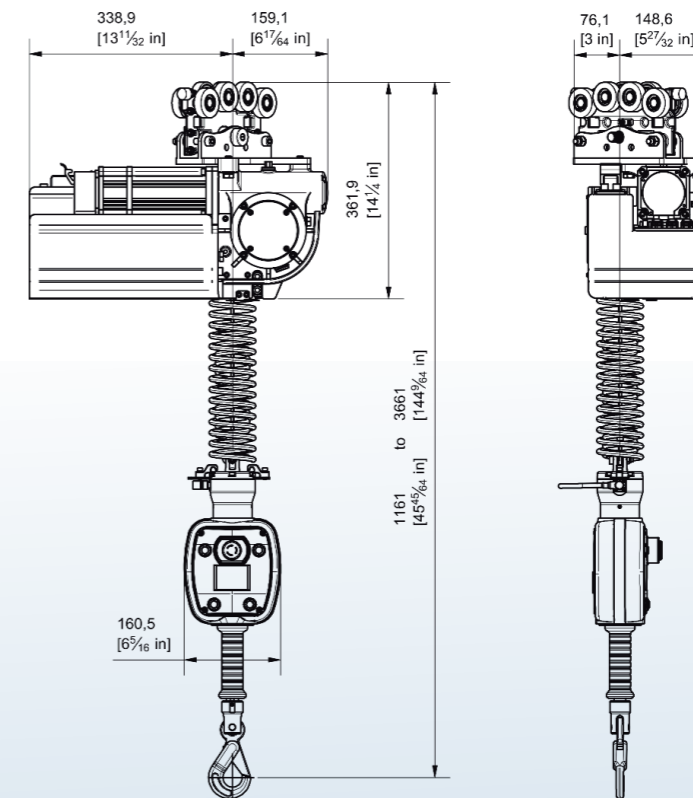
- **CUSTOMIZABLE**

Flexible software to customize the device with different end effectors or other input output application needs

Load cell

Top left push button: main switch ON / OFF (I/O button)

Buttons for programming

Hook

Rotary unit for electrics and compressed air

Emergency stop

Top right push button: V1/V2 button QUICK / SLOW and load storage ACTIVATION / DEACTIVATION

Display

Handle

SMART LIFT SPIDER 150R

SPIDER 150 R

REACH

⭐ VERT.	➡️ HORZ.	📦 MAX. up to
2500 mm	*rail lenght	**150** kg

The 3arm Smart Lift Spider 150R is an electronic rope balancer designed to be mounted on rail systems for manually handling loads up to 150kg

TECHNICAL DATA

Load Capacity	0-150 kg
Power Supply	230 V
Lifting speed	Up to 420mm/s . Adjustable in different heights. Pick up/release point.
Cable Stroke	2.5m
Controls	Handle mode and load mode

The 3arm Spider features make this rope balancer unique.

- **MEASURING CELL**

The application of a measuring cell leads to an optimum running performance. Self- balancing and the weight of the load is displayed exactly.

- **ENDLESS ROTATION**

Rotary units are installed on the operating handle and the column. This allows endless turning and movement of the load.

- **EASY PROGRAMMING**

The device allows to easily set up different speeds as well as reducing the speed at the pick-up and release points.

- **RAIL SYSTEMS**

The Spider can be mounted to any brand rail system due to a wide range of trolley adapting plates.
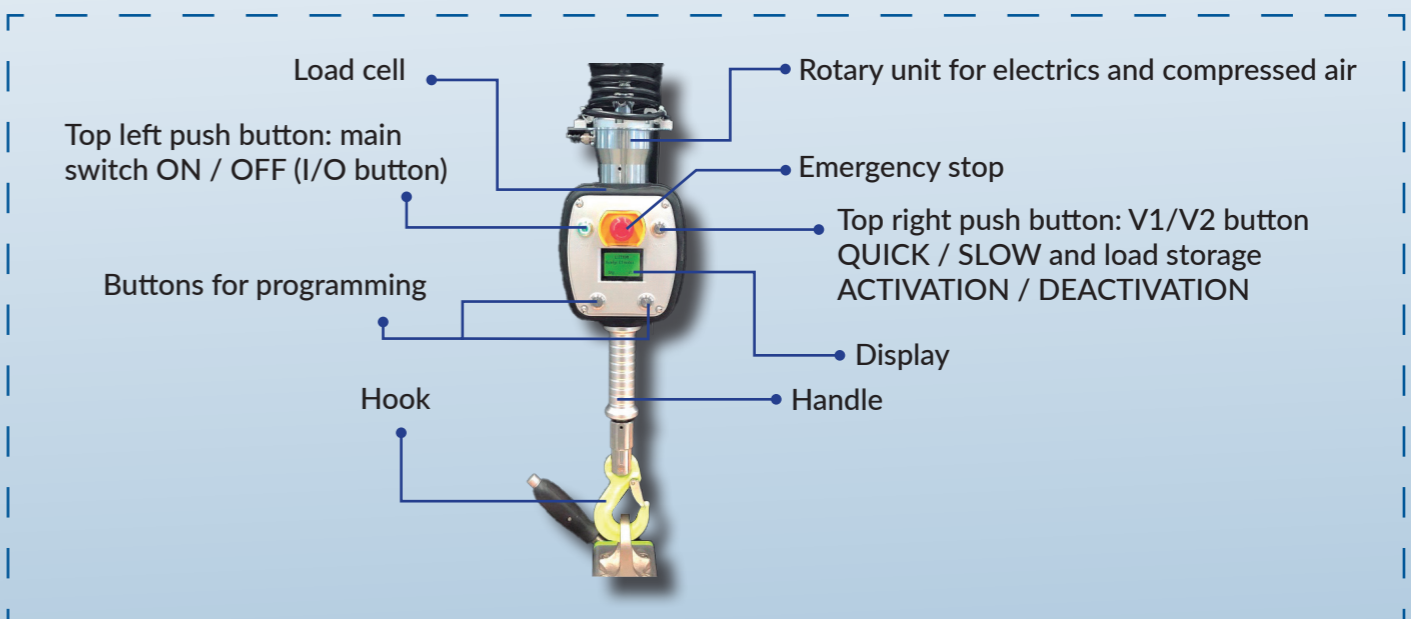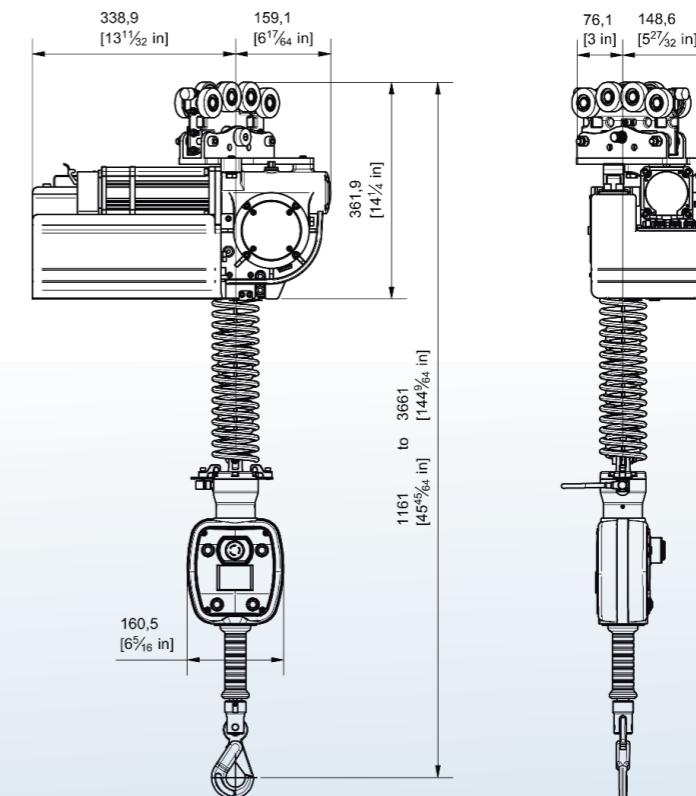
- **CUSTOMIZABLE**

Flexible software to customize the device with different end effectors or other input output application needs

Load cell

Rotary unit for electrics and compressed air

Top left push button: main switch ON / OFF (I/O button)

Emergency stop

Top right push button: V1/V2 button QUICK / SLOW and load storage ACTIVATION / DEACTIVATION

Buttons for programming

Display

Hook

Handle

SMART LIFT SPIDER 225R

SPIDER 225 R

REACH

⭐ VERT.	➡ HORZ.	🏋 MAX. up to
2500 mm	***rail lenght**	**225** kg

The 3arm Smart Lift Spider 225R is an electronic rope balancer designed to be mounted on rail systems for manually handling loads up to 225kg

The 3arm Spider features make this rope balancer unique.

● **MEASURING CELL**

The application of a measuring cell leads to an optimum running performance. Self- balancing and the weight of the load is displayed exactly.

● **ENDLESS ROTATION**

Rotary units are installed on the operating handle and the column. This allows endless turning and movement of the load.

● **EASY PROGRAMMING**

The device allows to easily set up different speeds as well as reducing the speed at the pick-up and release points.

● **RAIL SYSTEMS**

The Spider can be mounted to any brand rail system due to a wide range of trolley adapting plates.
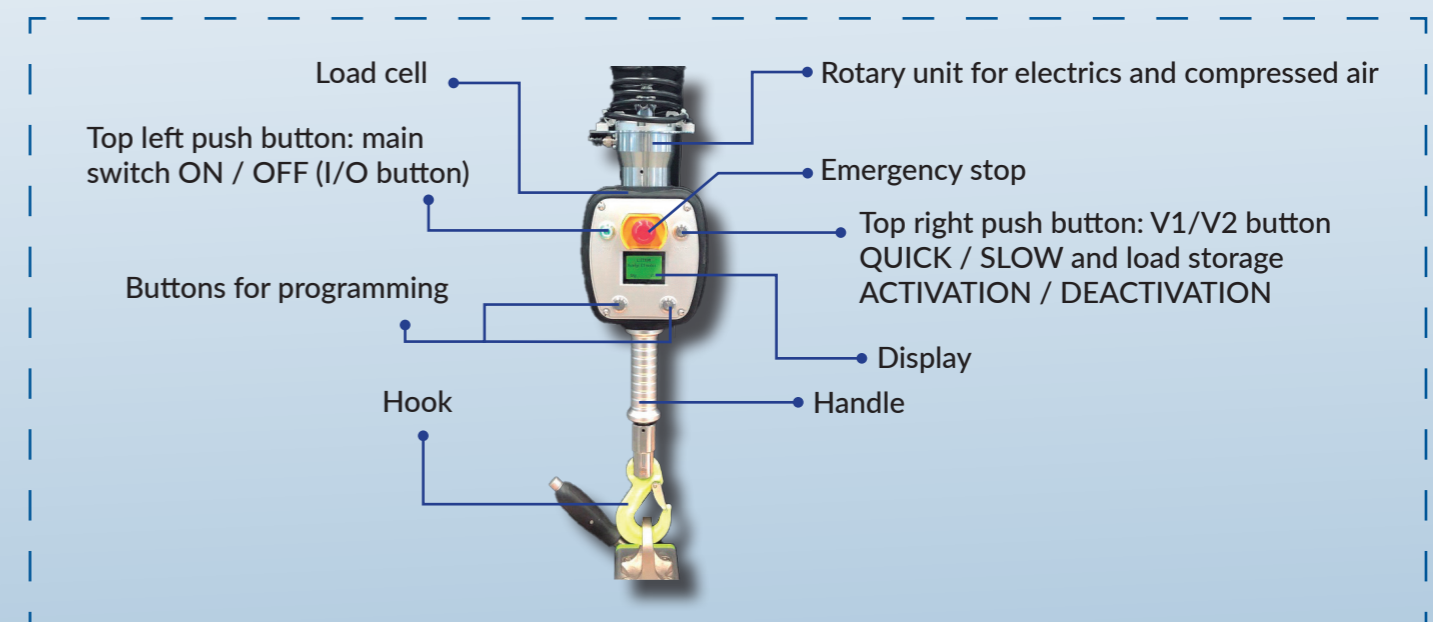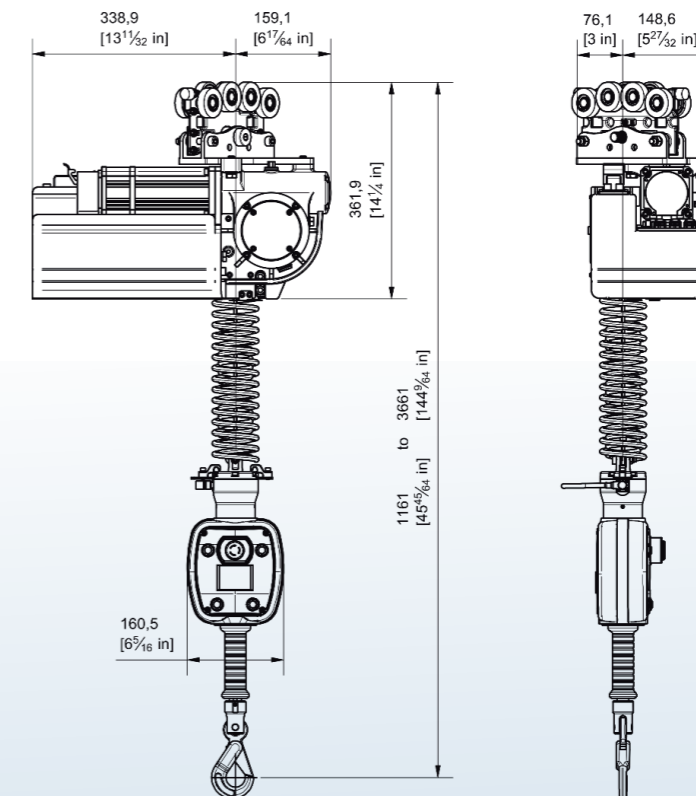
● **CUSTOMIZABLE**

Flexible software to customize the device with different end effectors or other input output application needs

TECHNICAL DATA

Load Capacity	0-225 kg
Power Supply	230 V
Lifting speed	Up to 392mm/s . Adjustable in different heights. Pick up/release point.
Cable Stroke	2.5m
Controls	Handle mode and load mode

Load cell

Top left push button: main switch ON / OFF (I/O button)

Buttons for programming

Hook

Rotary unit for electrics and compressed air

Emergency stop

Top right push button: V1/V2 button QUICK / SLOW and load storage ACTIVATION / DEACTIVATION

Display

Handle

SMART LIFT SPIDER 300 R

SPIDER 300 R

REACH

⭐ VERT.	➡ HORZ.	📦 MAX. up to
2500 mm	***rail lenght**	**300** kg

The 3arm Smart Lift Spider 300R is an electronic rope balancer designed to be mounted on rail systems for manually handling loads up to 300kg

TECHNICAL DATA

Load Capacity	0-300 kg
Power Supply	230 V
Lifting speed	Up to 327mm/s . Adjustable in different heights. Pick up/release point.
Cable Stroke	2.5m
Controls	Handle mode and load mode

The 3arm Spider features make this rope balancer unique.

● **MEASURING CELL**

The application of a measuring cell leads to an optimum running performance. Self- balancing and the weight of the load is displayed exactly.

● **ENDLESS ROTATION**

Rotary units are installed on the operating handle and the column. This allows endless turning and movement of the load.

● **EASY PROGRAMMING**

The device allows to easily set up different speeds as well as reducing the speed at the pick-up and release points.

● **RAIL SYSTEMS**

The Spider can be mounted to any brand rail system due to a wide range of trolley adapting plates.
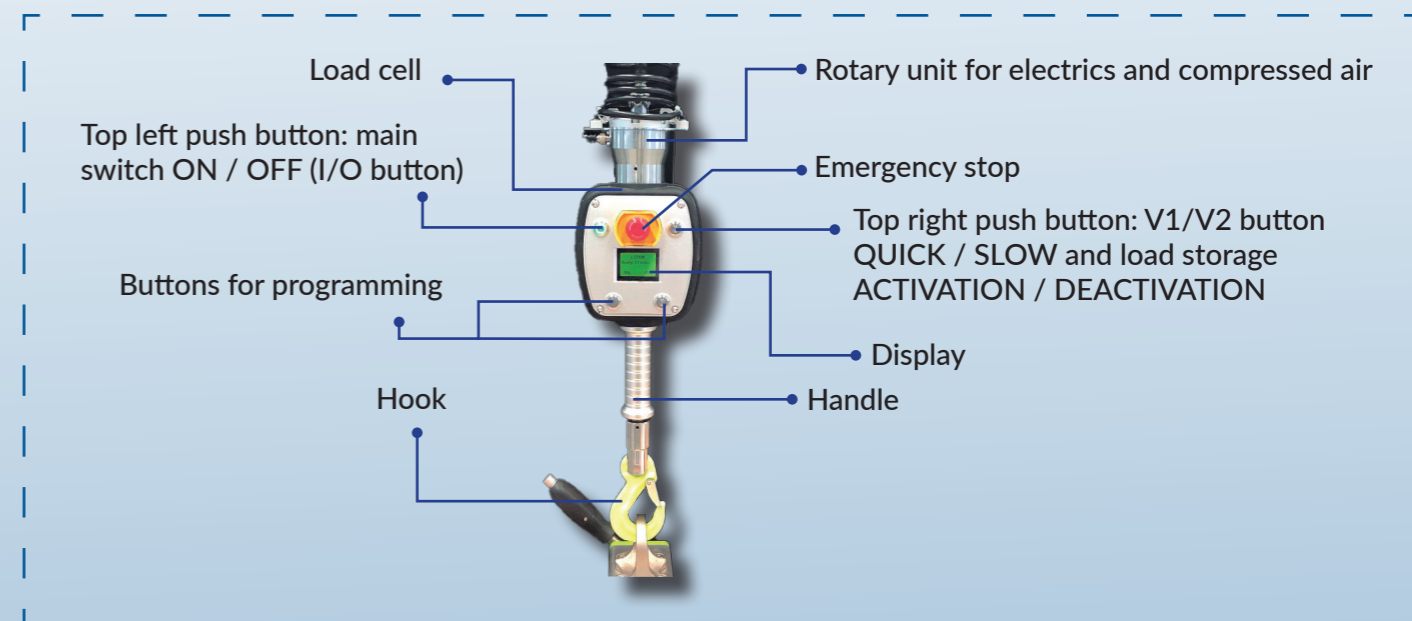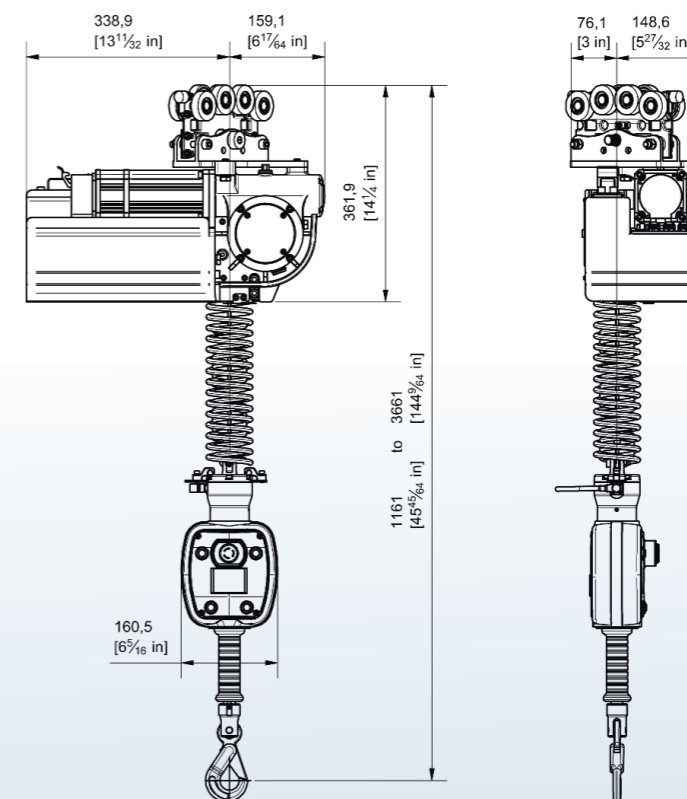
● **CUSTOMIZABLE**

Flexible software to customize the device with different end effectors or other input output application needs

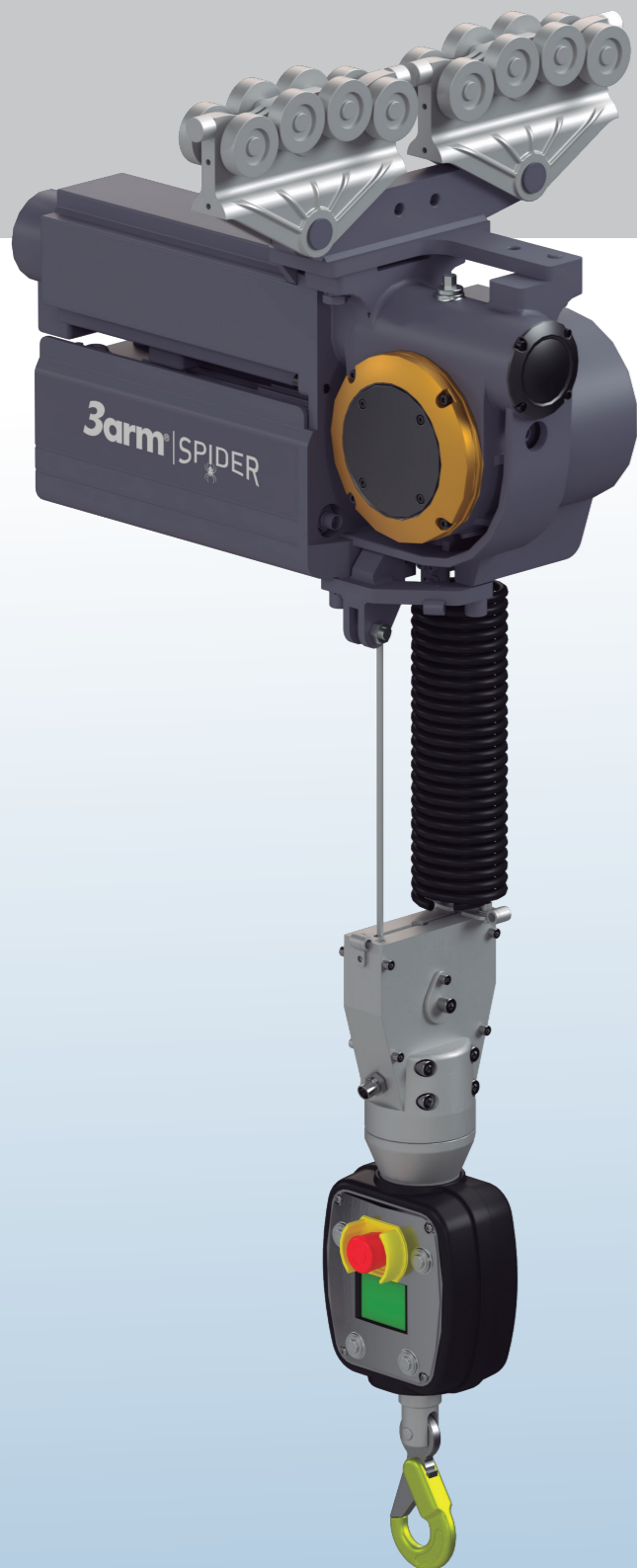338,9 [13¹¹⁄₃₂ in]   159,1 [6¹⁷⁄₆₄ in]   76,1 [3 in]   148,6 [5²⁷⁄₃₂ in]

361,9 [14¼ in]

1161 [45⅝₆₄ in]   to   3661 [144⁹⁄₆₄ in]

160,5 [6⁵⁄₁₆ in]

Load cell

Top left push button: main switch ON / OFF (I/O button)

Buttons for programming

Hook

Rotary unit for electrics and compressed air

Emergency stop

Top right push button: V1/V2 button QUICK / SLOW and load storage ACTIVATION / DEACTIVATION

Display

Handle

SMART LIFT SPIDER 600R

SPIDER 600 R

REACH

⬆ VERT.	➡ HORZ.	🔲 MAX. up to
2500 mm	***rail lenght**	**600** kg

The 3arm Smart Lift Spider 600R is an electronic rope balancer designed to be mounted on rail systems for manually handling loads up to 600kg

The 3arm Spider features make this rope balancer unique.

● **MEASURING CELL**

The application of a measuring cell leads to an optimum running performance. Self- balancing and the weight of the load is displayed exactly.

● **ENDLESS ROTATION**

Rotary units are installed on the operating handle and the column. This allows endless turning and movement of the load.

● **EASY PROGRAMMING**

The device allows to easily set up different speeds as well as reducing the speed at the pick-up and release points.

● **RAIL SYSTEMS**

The Spider can be mounted to any brand rail system due to a wide range of trolley adapting plates.

● **CUSTOMIZABLE**

Flexible software to customize the device with different end effectors or other input output application needs

TECHNICAL DATA

Load Capacity	0-600 kg
Power Supply	230 V
Lifting speed	Up to 163mm/s . Adjustable in different heights. Pick up/release point.
Cable Stroke	2.5m
Controls	Handle mode and load mode

Load cell

Rotary unit for electrics and compressed air

Top left push button: main switch ON / OFF (I/O button)

Emergency stop

Top right push button: V1/V2 button QUICK / SLOW and load storage ACTIVATION / DEACTIVATION

Buttons for programming

Display

Hook

Handle