![InterElectronic logo]

Reeco

INTRODUCTION

InterElectronic Hungary Ltd. offers equipments, machines and different materials (ESD) of different production technologies (SMT/THT/LED). Including high quality, special request fulfilling soldering machines, devices, tools, instruments and materials for the electronic industry and services.

SERVICES

Our each and every product has a warranty granted by the InterElectronic Hungary Ltd. For more complex appliances our company offers a well-needed training for set up and usage. We grant the repair of all of the products traded by our company during and after the warranty period. As well as we guarantee the continuous supply of accessories and instruments.

DEMONSTRATON

In case if any of our products aroused your interest the InterElectronic Hungary Ltd. would be glad to visit your company and hold a presentation of the product of your interest. As far as possible we serve you by bringing demo devices with us. In the most cases of our products we are proud possessors of references nation-wide. Major machines also could be observed at our partners' site.

PRICE LIST

Most of the prices of our products can be requested on our website and will be sent via email to you. In case of special and more complex machines the prices are given after consultation individually through a price offer. If you are interested in more information or user manuals of our products we recommend you to visit our website (www.interelectronic.com), which is updated continuously with professional information. We also recommend you to visit our office, where you can purchase any of the needed devices and spare parts of the product of your interest.

ORDER/SHIPPING

Our soon to be partners are welcomed to be helped via telephone, fax or e-mail. We use different ways of delivery, depending on the preference of our partner. We can deliver your purchased product by ourselves, by freight or courier service. The way of delivery might be negotiated previously. We offer you cash on delivery nation-wide!

TABLE OF CONTENT

Polish brand REECO was established as a result of passion and hard work of people, who actively wanted to promote innovative solutions for electronics. Our long-term commitment results in a complex offer of electronics equipment. Today, hundreds of our business partners can benefit from it.

Over 25 years of experience in electronic industry, top level professionals and usage of modern technology guarantee superior quality products.

Our next success is the development of an industrial furniture line. Early at the design stage, we were keen to create products, whose main advantages are modularity and ergonomics, and at the same time we wanted to maintain their proper value for money.

Our hard work results in the offer, which we are pleased to present in this catalogue. Innovativeness and a competitive pricing level of REECO brand have already been appreciated by many customers. Hence, we want to provide them with favourable cooperation conditions.

ESD Protection

ESD protection is crucial for electronics industry. We have extensive experience in developing, manufacturing and supplying ESD furniture. ESD Stands for Electrostatic Discharge. Static electricity is an imbalance of electric charges within or on the surface of a material. The charge remains until it is able to move away by means of an electric current or electrical discharge.

Normally, electric charges are discharged slowly from surface of objects. However, if the difference in electric potential becomes too great the electrical current accelerates resulting in a sudden current surge. An ESD protected area is called EPA. In an EPA area ESD protection must be observed in all materials, employees' clothing and air humidity. Workstations and employees in an EPA area must also be grounded with protective resistance (1 Mohm) to an ESD ground.

ESD protection ensures safe working environment. In electronics industry, work is often carried out in an EPA area, that is protected from static discharge. Protection in this case means effective grounding, which involves both grounding equipment and painting the frame of the ESD workstation with semi-conductive paint. We have extensive experience in developing, manufacturing and supplying ESD furnishings.

All our workstations and related products are supplied with an electrically semi-conducting coat of paint and we supply furnishings, seats and grounding components for ESD-protected workstations. Our products meet the requirements specified in the IEC-61340-5-1 standard.

Ergonomics

Human being is the most important element of every working environment. An employee cannot successfully perform his duties, unless the work surroundings are adjusted to specific psychophysical characteristics. Therefore, the issue of ergonomics needs to be considered a priority and incorporate a whole range of human psychophysical activities.

Ergonomics = efficient and safe work

Main ideas of ergonomics refer to employee's health (the elimination of occupational diseases), job satisfaction development and a maximal increase in productivity. Modularity of Reeco furniture, a wide range of components and a variety of accessories enable an easy implementation of ergonomics in the workplace. Our goal is to create an optimal workplace area, which allows to perform duties in accordance with natural human movements. Hence everything is at your fingertips. Our work stations are designed in such a way as to provide an optimal height of table tops and shelves, which are equipped with a set of essential accessories. A well though-out design imposes a correct adjustment and positioning of tools and equipment. A workplace station, where all tools are within the user's immediate reach, is a great benefit for the company, which saves valuable time and ensures safety and order.

Work type

Precision   Light   Heavy

900 – 1100 mm   850 – 950 mm   700 – 900 mm
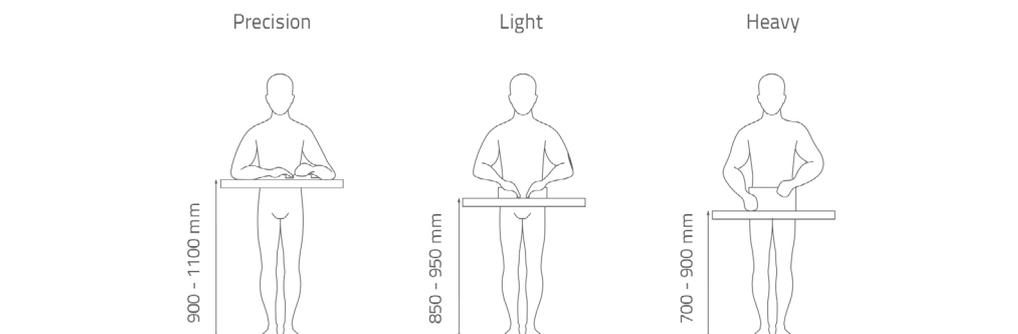
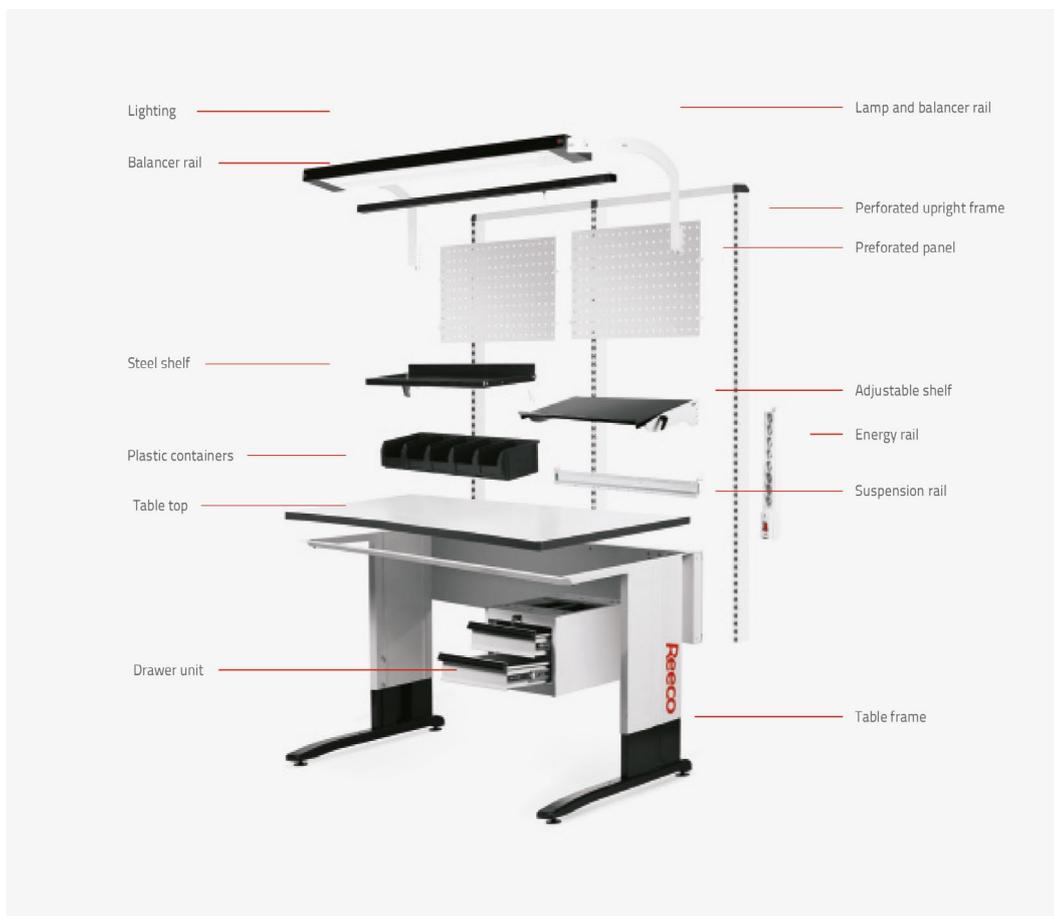Standing   Sitting
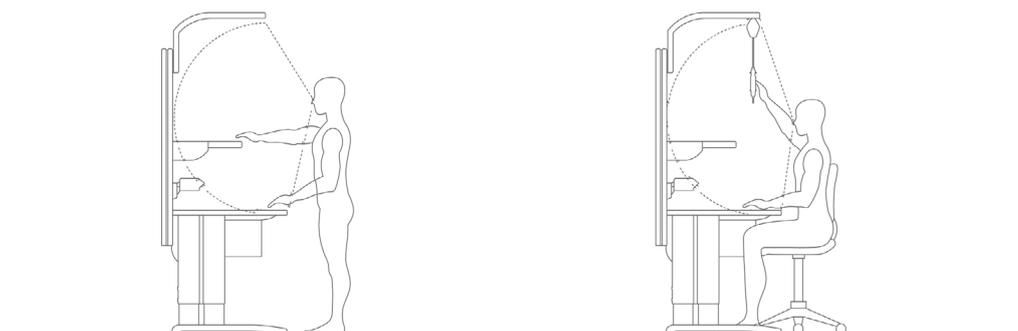
Modularity

One of the most important advantages of REECO furniture is its modularity. Modular construction of REECO furniture divides the whole system into interchangeable units (modules), which are produced and sold independently. These individual elements can also be used in other modular systems of industrial furniture.

With the possibility of a flexible development, REECO furniture can be used in many branches of industry, and in places like storehouses, production lines, workshops, tool shops, laboratories and lecture rooms. Moreover, there is an option of exclusive designs for individual companies and of their subsequent extensions, which arise with the customer's expanding needs.

We have also prepared ready-made workstations, whose configurations provide for typical customer's needs. They are offered in very favourable prices.

Ergonomics and modularity for better functionality

Lighting

Lamp and balancer rail

Balancer rail

Perforated upright frame

Preforated panel

Steel shelf

Adjustable shelf

Energy rail

Plastic containers

Suspension rail

Table top

Drawer unit

Table frame

PREMIUM table frame

Premium frame was designed for industries where ergonomics and comfort play special role and are crucial for workers' performance. An example would be the electronics industry or laboratories. This construction can be easily adapted to operator's needs according to performed activity (sitting or standing type of work).

- **Max load capacity: 600 kg**
- **Height adjustment: 670 -1120 mm**
- **Type of height adjustment: stepless (internal rail)**
- **Type of height adjustment lock: 4 screws per leg**
- **Leveling feet**
- **Applicable table top: rectangular, ergonomic**
- **Metal cast foot for increased stability**

PREMIUM table frame - dimension chart

Catalogue number	Width	Depth	Height
RF-001-12075-9003	1200	750	670-1120
RF-001-15375-9003	1530	750	670-1120
RF-001-18375-9003	1830	750	670-1120

PREMIUM electrically adjustable table frame

Premium electrically adjustable table has been equipped with electric actuators for adjusting the height of the table top. This allows you to quickly change the operating position from sitting to standing or other way around. Modern top lifting columns have a high load capacity and very low power consumption, at 0.1W, in standby mode. Soft start and stop and smooth adjustment prevents the objects sitting at the table from movement.

- Compliant with EN 60335-1 standard
- Smooth starting and stopping provided by the control box
- Low noise level
- Maximum power: 1600 N (per leg)
- Maximum speed: 43 mm/s (at no load)
- Power supply: 24 V (AC adapter included)
- User friendly controller

Electrically adjustable table- dimension chart (MM)

| Catalogue number	Width	Depth	Height
RF-001-12075-9003-M	1200	750	740-1240
RF-001-15375-9003-M	1530	750	740-1240
RF-001-18375-9003-M	1830	750	740-1240

CLASSIC table frame

Classic table frame is cost-efficient solution designed for wide range of tasks. Its max load capacity is 300kg. This type of construction is recommended for use in all types of work requiring sitting position. Classic table frame can be combined with perforated uproght frame and used with all available accessories.

- Max load capacity: 300 kg
- Height adjustment: 670 - 1120 mm
- Type of height adjustment: stepless (internal rail)
- Type of height locking: 2 screws per leg
- Leveling feet
- Applicable table top: rectangular, ergonomic

CLASSIC table frame - dimension chart (mm)

| Catalogue number	Width	Depth	Height
RF-002-12075-9003	1200	750	670-1120
RF-002-15375-9003	1530	750	670-1120
RF-002-18375-9003	1830	750	670-1120
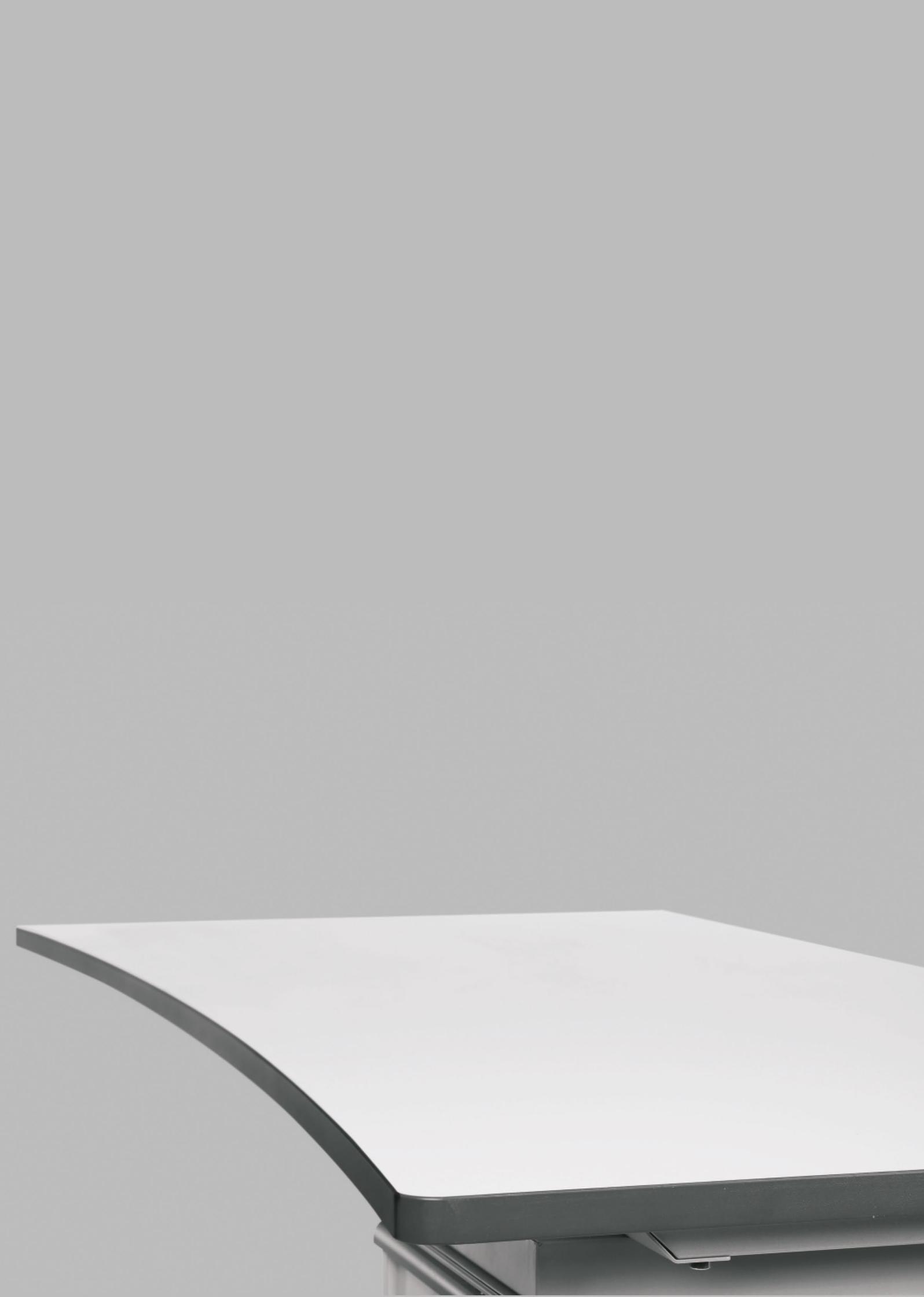
Ergonomic table top

Table top is an essential element for the whole structure of the table. The distinguishing feature of REECO furniture is the ergonomic table top-unique solution to increase ergonomics of workstation. Table top is covered with a conductive laminate on both sides (top and bottom layer). The edges are finished with scratch- and impact-resistant ABS material.

Thanks to threaded bushings on bottom side of the table top, installation to Premium or Classic frame is quick and easy. Core of the table top is composed of resin and chipboard for robustness even under heavy loads. As a result of using the conductive core, table top provides protection against ESD throughout its structure.

- Colour: RAL 7036
- Outer surface: Conductive laminate, moisture and scratch resistant
- Core: conductive, moisture resistant
- Fixing to frame: threaded bushings

Ergonomic table top - dimension chart (mm)

Catalogue number	Width	Depth	Height
RF-002-12075-9003	1200	750	670-1120
RF-002-15375-9003	1530	750	670-1120
RF-002-18375-9003	1830	750	670-1120

1200 mm | 1530 mm | 1830 mm

800 mm   750 mm   50 mm
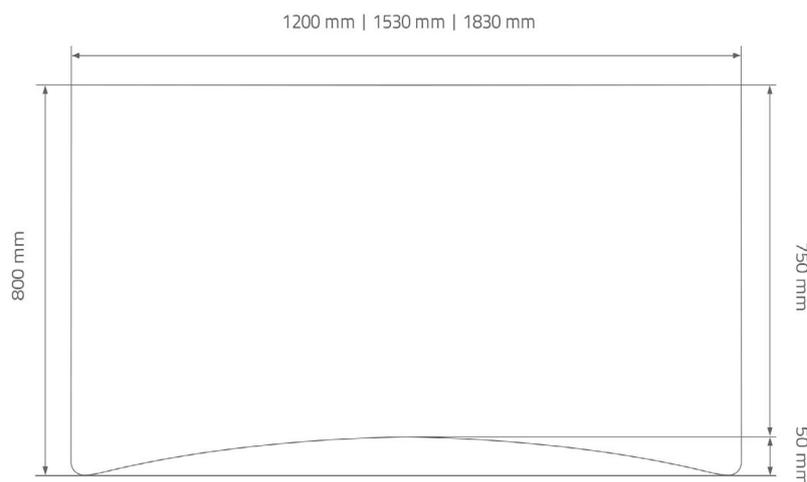
Rectangular table top

Table top is covered with a conductive laminate. Edges are finished with scratch resistant and impact resistant ABS plastic. Fixing to a structure provides mounted in the table top threaded bushings.

Structure of the table top, which is composed of resin and chipboard guarantees strength even at high loads. As a result of using a conductive core, table top over its entire surface provides protection against ESD.

- Colour: RAL 7036
- Top layer: conductive laminate, increased resistance
  to moisture and scratches (only table top with conductive laminate)
- Core: conductive, resistant to moisture
- Fixing to frame: threaded bushings
- Ergonomic table top - dimension chart (mm)

Rectangular table top - dimension chart
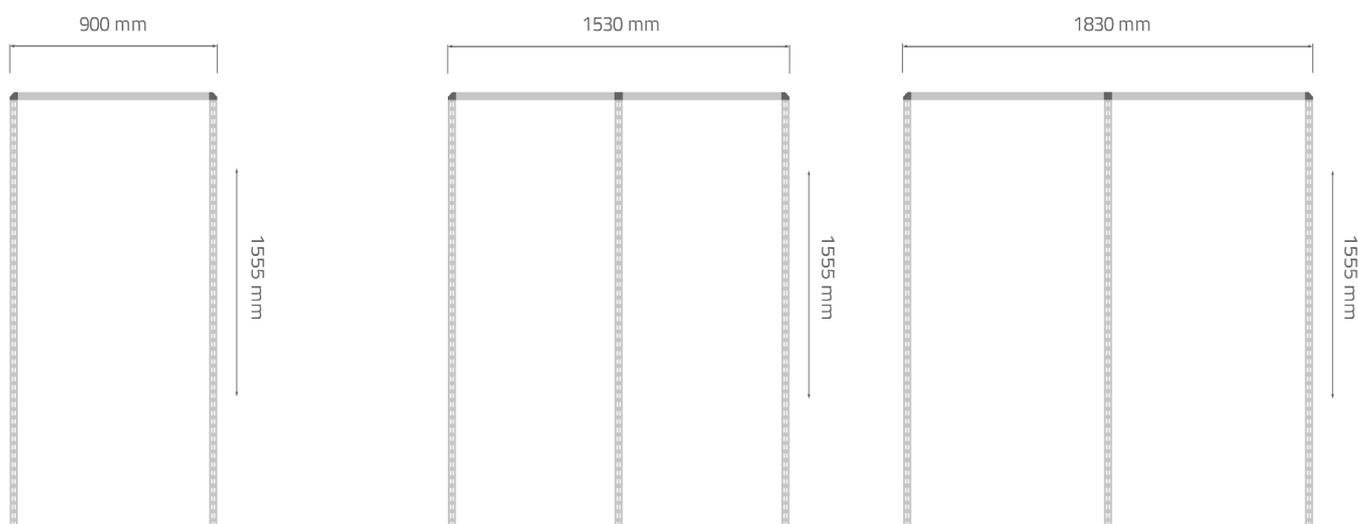
Catalogue number	Width	Depth	Height
RF-004-12075-7036	1200	750	26.6
RF-004-15375-7036	1530	750	26.6
RF-004-18375-7036	1830	750	26.6

1200 mm | 1530 mm | 1830 mm

800 mm

750 mm

50 mm
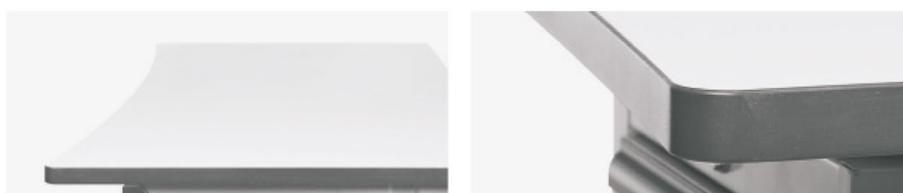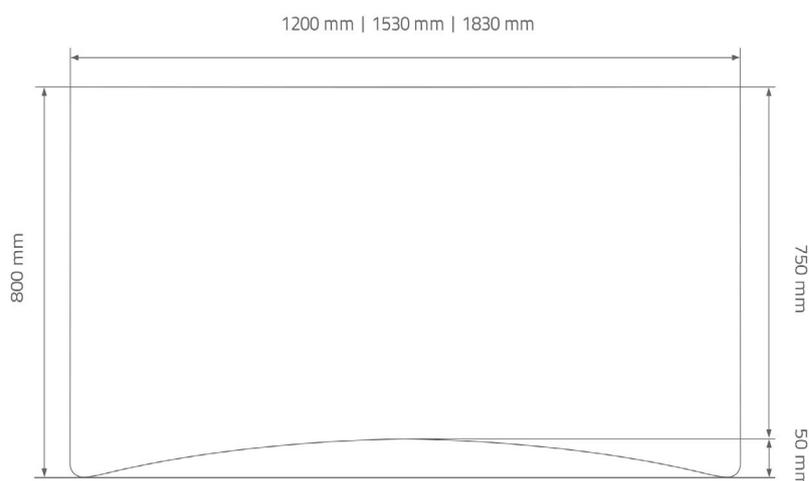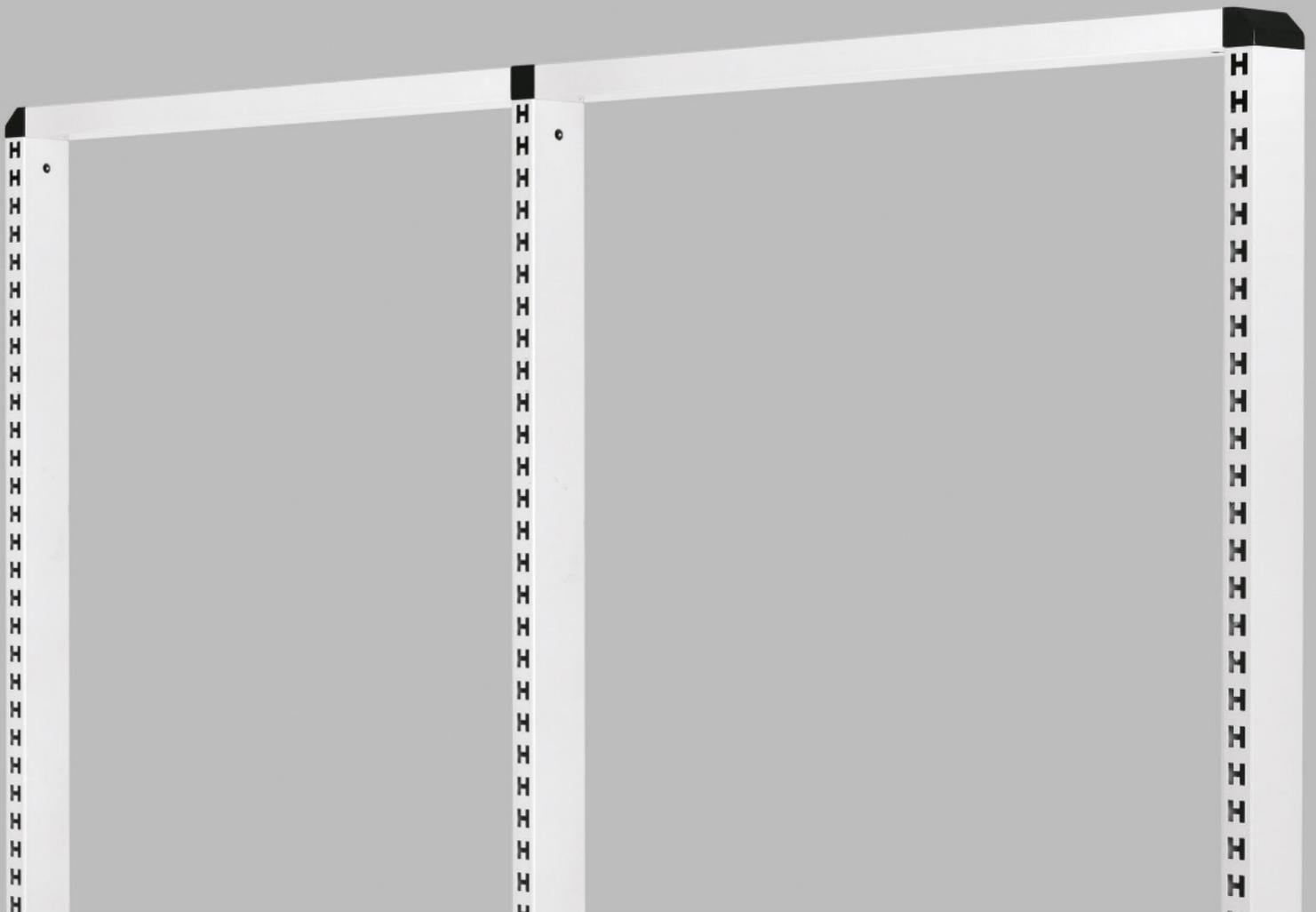
Perforated upright frame

Perforated vertical frame is one of the basic elements. Accessories such as shelves, suspension rails with plastic containers, perforated panels are mounted on the frame. Perforation allows the placement of accessories at any height. The frame is available in three standard widths.

900 mm   1530 mm   1830 mm

1555 mm   1555 mm   1555 mm

Perforate upright frame - dimension chart (mm)

Catalogue number	Width	Max Height
RF-008-0900-9003	900	1555
RF-008-2750-9003	900	1555
RF-008-2900-9003	900	1555
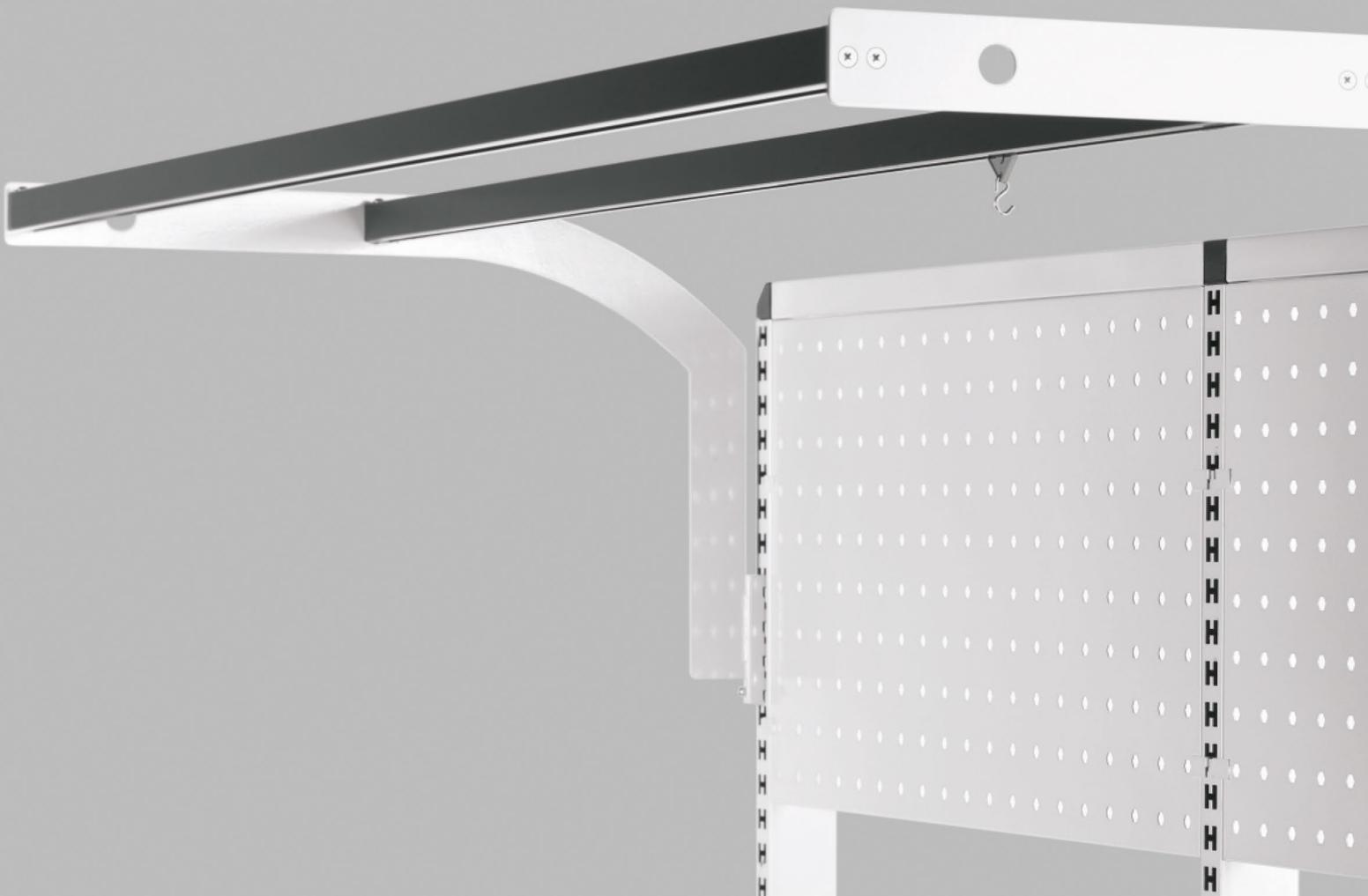
Light and balancer rail

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

Lamp bracket

Lighting and balancer rail is dedicated to LED lamp installation. Thanks to its design it provides easy vertical adjustment of the light beam.

Light and balancer rail

Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top

Available options:

- Rail + rail
- LED lamp + rai

Light and balancer rail - dimension chart (mm)

Catalogue number	Width
RF-009-0900-9003	900
RF-009-2750-9003	1500
RF-009-2900-9003	1800

LED lighting

Quality of the workplace lighting can have a significant impact on the performance of the operator. It contributes for example to error risk redution by 50-60% and can lead to efficiency increase of up to 10-50%. REECO lamps through the use of LEDs are character-ized by low energy consumption and longer life span.

Ergonomic LED lighting has been designed in accordance with European EN12464-1 standard. The light emitted does not cause eyestrain and glares.

Color temperature: 5700K
Luminous efficacy: 105 lm/W

LED lamp (single) - dimension chart (mm)

Catalogue number	Width	Power(W)
RF-015-0900-7021	900	65
RF-015-0900-7021-R	900	65

1500 and 1800 LED lamps consist of two zones that can be lit independently creating either shadow free or 3D effect.

LED lamp (dual) - dimension chart (mm)

Catalogue number	Width	Power(W)
RF-015-1500-7021	1500(3D)	80
RF-015-1500-7021-R	1500(3D)	80
RF-015-1800-7021	1800(3D)	100
RF-015-1800-7021-R	1800(3D)	100

R- lamps with dimmer

Fluorescent lighting

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be install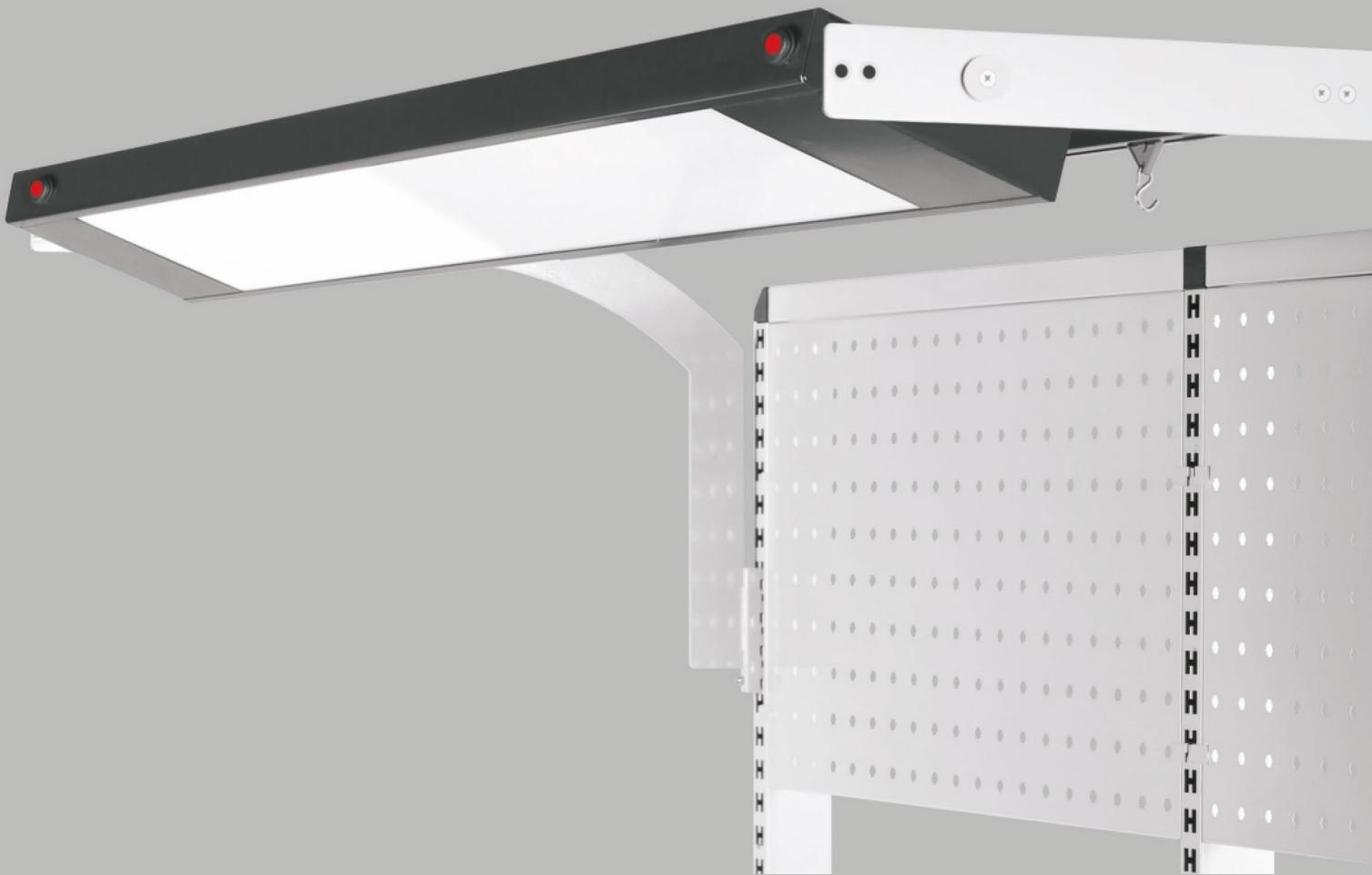ed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

Lamp bracket

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Light and balancer rail

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Available options:

Rail + rail
LED lamp + rai

Light and balancer rail - dimension chart (mm)

Catalogue number	Width
RF-009-0900-9003	900
RF-009-2750-9003	1500
RF-009-2900-9003	1800

Storage systems

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

Lamp bracket

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Light and balancer rail

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Available options:

Rail + rail
LED lamp + rai

Light and balancer rail - dimension chart (mm)

Catalogue number	Width
RF-009-0900-9003	900
RF-009-2750-9003	1500
RF-009-2900-9003	1800

Roller ESD transport systems

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

Lamp bracket

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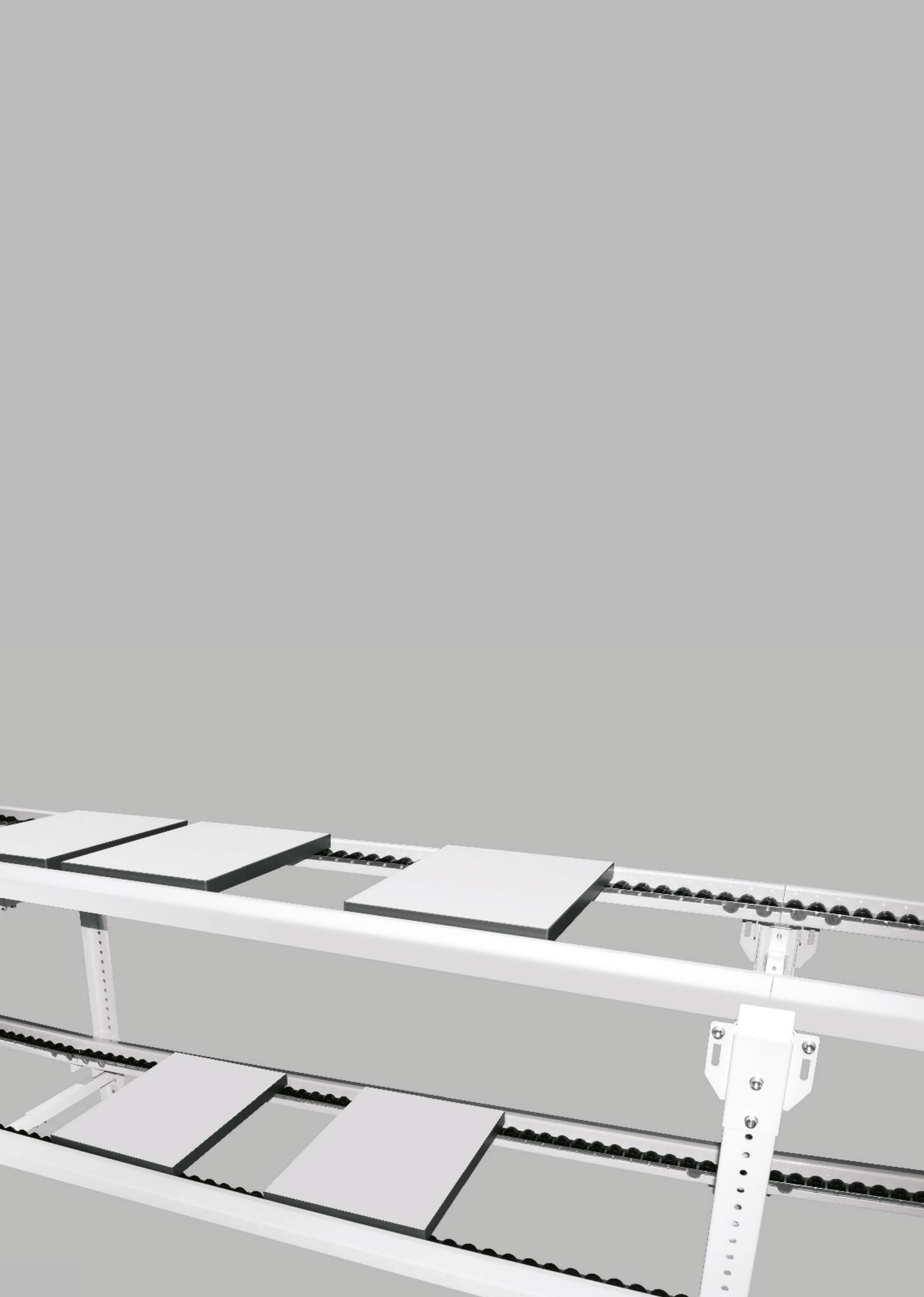
Available options:

Rail + rail
LED lamp + rai

Light and balancer rail - dimension chart (mm)

Catalogue number	Width
RF-009-0900-9003	900
RF-009-2750-9003	1500
RF-009-2900-9003	1800

RACK 19" 6HU ESD cabinets

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

Lamp bracket

Lighting and balancer rail is dedicated to LED lamp installation. Thanks to its design it provides easy vertical adjustment of the light beam.

Light and balancer rail

Light and balancer rail - dimension chart (mm)

Catalogue number	Width
RF-009-0900-9003	900
RF-009-2750-9003	1500
RF-009-2900-9003	1800

Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top

Available options:

Rail + rail
LED lamp + rai

Accessories for RACK cabinets

Another useful accessory is lamp and balancer rail. Lamp and balancer rail is mounted on upright frame. Thanks to perforation of upright frame it can be installed at virtually any height above table top. Lamp and balancer rails are available in three modular sizes, 900, 1500 and 1800mm.

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Light and balancer rail - dimension chart (mm)

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RF-009-0900-9003	900
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RF-009-2900-9003	1800

ients

Catalogue number - RF-P303

Catalogue number - RF-P301

Catalogue number - RF-P302

Sample solutions based on CLASSIC frame

Catalogue number – RF-C313

Catalogue number – RF-C311

Catalogue number – RF-C312

Reeco®

ESD Workstations

InterElectronic

www.interelectronic.com