Dynamic sitting – ergonomic and functional

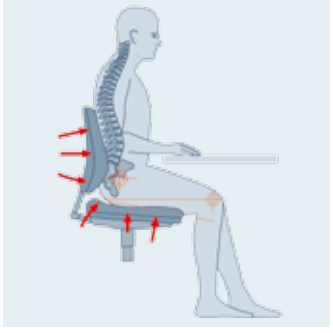
Ergonomic and healthy sitting on the job greatly enhances employee performance.

Regardless of whether you are working on a manual production line, in a clean room or at a final inspection workstation: Poor posture when carrying out your activities often leads to muscle, back, and joint problems, as well as circulation issues. This makes ergonomic seating all the more important.
You can optimize the ergonomics of your workstations with functional swivel work chairs that are specifically adapted to the individual application. These chairs effectively cushion the physical strain caused by repetitive movements. They provide individual support for each employee to ensure a healthy posture throughout their shift. Increase your employees' well-being and productivity in the workplace and minimize sick days.

Main features of Rexroth swivel work chairs:

- The tapered backrest ensures optimal freedom of movement in the arm and shoulder area.
- The ergonomically designed seat provides optimum pelvic support. It has adjustable depth and tilt.
- All the adjustment options are easily accessible and can be made by simply pulling out the respective element.
- All swivel work chairs from Rexroth are equipped with a stable, five-arm star chair base. Low chairs are delivered with rollers and high models with sliders.
- The seat and backrest materials offer comfort, durability, and easy care.
- You also have the option to equip your chair with multi-adjusting armrests and a height-adjustable foot support or circular footrest.

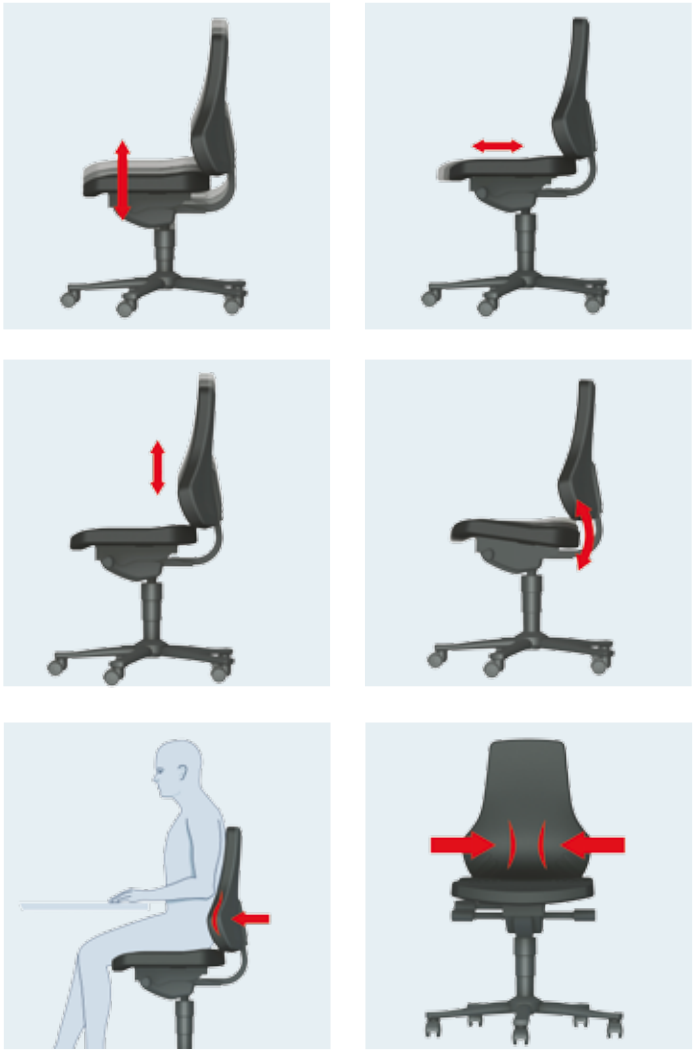
For further information, visit:
https://www.boschrexroth.com/en/xc/products/product-groups/assembly-technology/manual-production-systems/workstation/swivel-work-chairs/index



Healthy siting – well-designed from the very start

Settings as individual as users
A work chair doesn't need to reveal at first glance how much sophisticated technology and medical expertise it contains. But it does need to perform the impressive feat of providing optimum seating comfort for every employee – whether slender or athletic, tall or short, light or heavy, young or old, fit or frail.

A variety of sophisticated details come together so that users can adjust the work chairs to meet their individual needs – from the foot support to the seat with multiple adjustment options, a backrest with lumbar support, and synchronous technology with weight regulation. MPS swivel work chairs from Rexroth promote ergonomic workstation seating, increase efficiency, and reduce illness-related absences.



Seat height and depth adjustment
- Adjustment of seat height to employee's height for good posture and circulation
- Setting an optimal seating position for a leg angle of 90 degrees
- Adjusting the chair to the leg length by changing the seat depth

Backrest height and seat tilt adjustment
- Optimal support function provided by individual backrest adjustment for different user body types
- Adjustable seat angle – for optimum pelvic support
- Support of an active, upright seating and working posture

Lumbar support
- Backrest with integrated lumbar support to relieve the extensor muscles in the lumbar region
- Upright seating for a relaxed posture

Dynamic seating – technology for the highest demands
Seated postures can only be healthy and ergonomic when coupled with movement. A good work chair supports these dynamics through innovative movement mechanisms. One key factor is switching between the front, center, and rear seating positions. MPS swivel work chairs from Rexroth are equipped with a special synchronous technology that enables these posture changes, without any sacrifices in terms of the stabilizing backrest function. This provides optimal support and relief to the torso during all dynamic movement sequences while seated.

Synchronous technology with permanent contact
- Permanent contact between back and backrest for efficient back muscle support
- Adaptation to the movement sequences involved in posture changes through effective synchronized mechanisms
- Synchronized movement of backrest and seat for optimum interplay of the hip and knee joints

Weight regulation
- Integrated weight regulation for individual adaptation to body weight
- Adjusting the resistance of the backrest via mechanical handles
- Effective cushioning of vertebral strain when switching between forward or reclining positions

Product advantages

Seat height
Backrest height
Permanent contact backrest

Seat height
Seat angle

Seat height
Seat depth
Seat angle
Backrest height

Permanent contact backrest Synchronized backrest and seat movement Weight regulation for individual body weights

Height-adjustable foot support
Seat height
Backrest height

Washable seat and backrest upholstery

Conductive material version
in accordance with DIN EN 61340-5-1,
suitable for ESD-sensitive areas

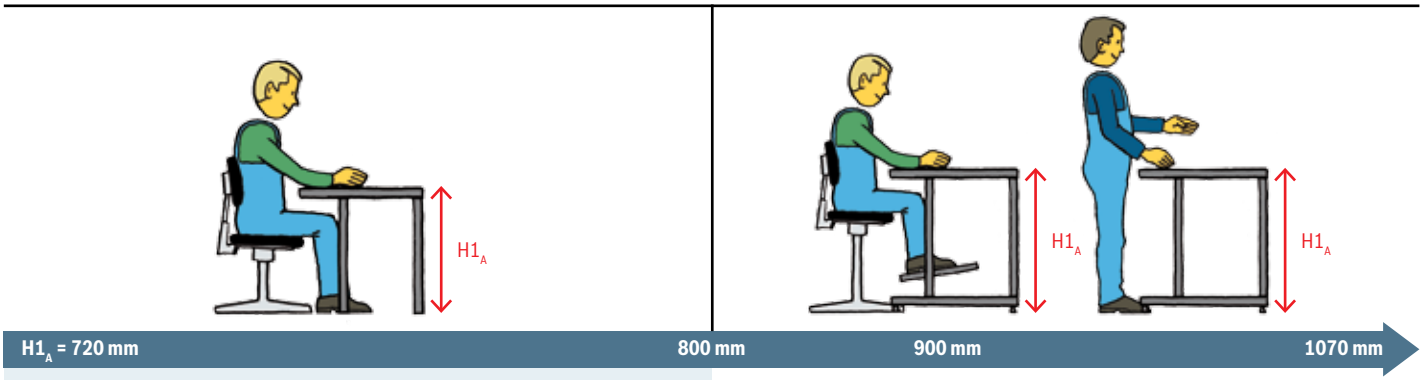
The product complies with the safety rules and ergonomic requirements for swivel work chairs used in production as defined in DIN 68877

Suitable for cleanrooms in accordance with DIN EN ISO 14644-1

This product complies with the requirements of the German Equipment and Product Safety Act (GPSG)

Ordering guide

Sit-down workstations **Sit-down/stand-up workstations** **Stand up/moving workstations**



Basic
3 842 546 760

Dynamic PU
3 842 546 762

Dynamic synthetic leather
3 842 546 764

Dynamic textile
3 842 546 766

Dynamic ESD
3 842 546 768

Dynamic clean
3 842 527 161

Stool
3 842 546 776

Basic
3 842 546 761

Dynamic PU
3 842 546 763

Dynamic synthetic leather
3 842 546 765

Dynamic textile
3 842 546 767

Dynamic ESD
3 842 546 769

Dynamic clean
3 842 527 162

20418

20417

Basic	Version	Seat height (mm)	No.
Low	Castors	410 ... 570	**3 842 546 760**
High	Sliders	560 ... 810	**3 842 546 761**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Basic

- Adjustment options
  - Seat height
  - Backrest height
- Features
  - Extremely durable
  - Easy-to-clean surface
- Scope of application
  - Production

Material:
Seat and backrest: wood; glued, 7 layers; clear varnish
Star chair base: plastic
Castors: soft PP; suitable for hard industrial flooring

Accessories: circular footrest (see page 85)

20423

Stool	Version	Seat height (mm)	No.
	Rounded base	580 ... 860	**3 842 546 776**

Stool

- Adjustment options
  - Seat height
  - Seat angle
- Features
  - Durable
  - Easy-to-clean surface
- Scope of application
  - Production
  - At stand-up workstations to reduce muscle strain

Material:
Seat: PU foam; black
Rounded base: steel

20413

20412

Dynamic PU	Version	Seat height (mm)	No.
Low	Castors	460 ... 610	**3 842 546 762**
High	Sliders	580 ... 820	**3 842 546 763**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Dynamic PU

- Adjustment options
  - Seat height
  - Seat angle
  - Seat depth
  - Backrest height
  - Synchronous technology (synchronized backrest and seat movement)
  - Weight regulation
- Features
  - Durable
  - Easy-to-clean surface
  - Resistant to slightly acidic and caustic materials
- Scope of application
  - Mechanical production

Material:
Seat and backrest: PU foam; black, full-surface weave with honeycomb effect
Star chair base: steel
Castors: soft PP; suitable for hard industrial flooring

Accessories: Foot support, circular footrest, armrest
(see page 85)

20420

20419

Dynamic synthetic leather	Version	Seat height (mm)	No.
Low	Castors	460 ... 610	**3 842 546 764**
High	Sliders	580 ... 820	**3 842 546 765**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Dynamic synthetic leather

- ▶ Adjustment options
  - – Seat height
  - – Seat angle
  - – Seat depth
  - – Backrest height
  - – Synchronous technology (synchronized backrest and seat movement)
  - – Weight regulation
- ▶ Features
  - – Easy-to-clean surface
  - – Comfort seating
- ▶ Scope of application
  - – Food industry

Material:
Seat and backrest: synthetic leather; black
Star chair base: steel
Castors: soft PP; suitable for hard industrial flooring
Accessories: Foot support, circular footrest, armrest (see page 85)

20422

20421

Dynamic textile	Version	Seat height (mm)	No.
Low	Castors	460 ... 610	**3 842 546 766**
High	Sliders	580 ... 820	**3 842 546 767**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Dynamic textile

- ▶ Adjustment options
  - – Seat height
  - – Seat angle
  - – Seat depth
  - – Backrest height
  - – Synchronous technology (synchronized backrest and seat movement)
  - – Weight regulation
- ▶ Features
  - – Soft, durable textile surface
  - – Comfort seating
- ▶ Scope of application
  - – Low-contamination environments
  - – Inspection stations

Material:
Seat and backrest: breathable material; black
Star chair base: steel
Castors: soft PP; suitable for hard industrial flooring
Accessories: Foot support, circular footrest, armrest (see page 85)

20416

20415

Dynamic ESD	Version	Seat height (mm)	ESD	No.
Low	Castors	460 ... 610		**3 842 546 768**
High	Sliders	580 ... 820		**3 842 546 769**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Dynamic ESD

- Adjustment options
  - Seat height
  - Seat angle
  - Seat depth
  - Backrest height
  - Synchronous technology (synchronized backrest and seat movement)
  - Weight regulation
- Features
  - Highly conductive, breathable fabric
- Scope of application
  - Electrical and electronics production
  - Conduction resistance: 10^6 ... 10^8 Ω

Material:
Seat and backrest: breathable cover with woven stainless steel fibers; black
Star chair base: steel
Castors: soft PP; suitable for hard industrial flooring
Accessories: Foot support, circular footrest, armrest
(see page 85)

20411

20410

Dynamic clean	Version	Seat height (mm)	No.
Low	Castors	510 ... 650	**3 842 527 161**
High	Sliders	650 ... 910	**3 842 527 162**

According to DIN 68877, a work chair whose seat height is adjustable above 650 mm must be equipped with a circular footrest or foot support.

Dynamic clean

- Adjustment options
  - Seat height
  - Seat angle
  - Backrest height
  - Synchronous technology (synchronized backrest and seat movement)
  - Weight regulation
- Features
  - Soft, non-slip and electrically conductive leather
- Scope of application
  - Cleanroom (ISO Class 4)
  - Electrical and electronics production
  - Conduction resistance: 10^6 Ω

Material:
Seat and backrest: electrically conductive leather; anthracite gray
Star chair base: aluminum
Scope of delivery for dynamic clean high: includes height-adjustable foot support