



Catalogue extract from MPS 8.0

Swivel work chairs



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 cleanroom 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 custom support for each employee to ensure a healthy posture throughout their shift. Increase your employees' well-being and productivity in the workstation 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.

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OVERVIEW SWIVEL WORK CHAIRS

4-7 Swivel work chairs

4-12 Accessories



Healthy sitting – well-designed from the very start

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.



Seat height and depth adjustment

- ▶ Adjustment of seat height to the body 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

Settings as individual as users

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.

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.

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Lumbar support

- ▶ Backrest with integrated lumbar support to relieve the extensor muscles in the lumbar region



- ▶ Upright seating for a relaxed posture



Synchronous technology with continuous 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
- ▶ Synchronous movement of backrest and seat
- ▶ Weight regulation for individual adaptation to body weight



- ▶ Height-adjustable foot support
- ▶ Seat height
- ▶ Backrest height



- ▶ Washable seat and backrest upholstery



- ▶ Conductive material according to 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

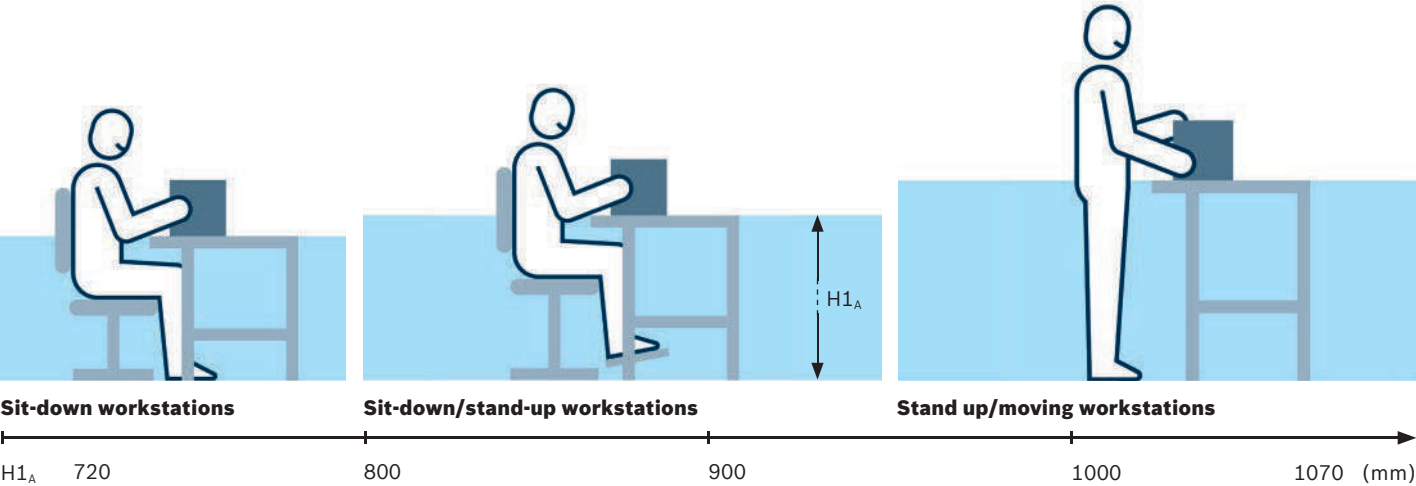


- ▶ Suitable for cleanrooms according to DIN EN ISO 14644-1






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

ORDERING GUIDE



			
Dynamic textile 3 842 546 766	Dynamic PU 3 842 546 762	Dynamic ESD 3 842 546 768	Dynamic clean 3 842 527 161

					
Stool 3 842 546 776	Basic 3 842 564 695	Dynamic PU 3 842 546 763	Dynamic textile 3 842 546 767	Dynamic ESD 3 842 546 769	Dynamic clean 3 842 527 162



Basic	Version	Seat height (mm)	No.
Low	Castors	420 ... 570	3 842 564 696
High	Sliders	580 ... 830	3 842 564 695

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
- ▶ Properties
 - Max. permissible load 120 kg
 - 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 (page 4-12)



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

Stool



- ▶ Adjustment options
 - Seat height
 - Seat angle
- ▶ Properties
 - Max. permissible load 120 kg
 - 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



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
- Properties
 - Max. permissible load 120 kg
 - 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 (page 4-12)



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
- Properties
 - Max. permissible load 120 kg
 - 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 4-12)



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
- Properties
 - Max. permissible load 120 kg
 - Highly conductive, breathable fabric
- Scope of application
 - Electrical and electronics production
 - Conduction resistance: $10^6 \dots 10^8 \Omega$

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 (page 4-12)



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
- Properties
 - Max. permissible load 120 kg
 - Soft, non-slip and electrically conductive leather
- Scope of application
 - Cleanroom (cleanroom class ISO 4)
 - Electrical and electronics production
 - Conduction resistance: 10⁶ 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



Accessories



Foot support (A)

- For dynamic PU, dynamic synthetic leather, dynamic textile and dynamic ESD swivel work chairs with a seat height above 650 mm. According to DIN 68877, work chairs with a seat height above 650 mm must be equipped with a foot support.
- Retractable
- Adjustable height
- Non-slip surface




Circular footrest (B)

- For all swivel work chairs
- For secure mounting and a low-fatigue, ergonomic sitting posture
- Adjustable height

Armrests (C)

- For dynamic PU, dynamic synthetic leather, dynamic textile and dynamic ESD
- Setting options: Height, width and projection angle

Scope of delivery: Incl fastening material

		ESD	No.
A Foot support			3 842 546 772
			3 842 546 775
B Circular footrest			3 842 546 773
C Armrests	Set		3 842 557 271
	Set 		3 842 557 272

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