

Consulting, Planning, and Equipping



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"Our objective is to offer maximum mobility, independence and normality to people with physical disabilities. User functionality is therefore the most important criterion that our products have to meet."

Prof. H. G. Näder,
President and CEO

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A changing company

The name Ottobock has stood for technology, innovation, quality and customer orientation for more than 90 years. Driven by a pioneering spirit, courage and decisiveness, the prosthetist Otto Bock founded Otto Bock Orthopädische Industrie GmbH in Berlin in 1919. He had the courage to break new ground and set higher standards which would revolutionise an entire industry. Under the leadership of Dr. Max Näder, Ottobock became a company of international standing. Thanks to his creativity and inventive talent, Max Näder continued to set standards in orthopaedics technology with the development of products such as the modular leg prosthesis system or myoelectric arm prosthesis. The company began to establish an international sales structure in 1958, when the first foreign branch was founded. After years of consistent and dynamic expansion, Ottobock is now a true global player and a strong corporate brand. Today our name stands for high-quality, functional and technologically outstanding products and services in orthopaedics and rehabilitation technology around the world. Whatever we do, people are always our number one priority; we are committed to helping them achieve maximum mobility, independence and normality.

Ottobock HealthCare is a modern, customer and success-oriented company with a long-standing tradition – a global player with local roots. With 45 sales and service companies and export activities in over 140 countries around the world, we are constantly in close contact and partnership with our customers. Thanks to this intimate relationship with the market, we understand user needs and customer requirements and integrate them into the products we develop. While we are confident that we have created a sustainable organisation with our global network of development, manufacturing and production sites, we remain committed to Germany and the local roots of our company. Duderstadt, located in Germany's Eichsfeld region, is not only where our largest development and production sites are situated, it is also home to the Ottobock HealthCare headquarters.

We will continue to use our experience and expertise responsibly in order to improve the quality of life of disabled people by providing functional and technologically outstanding solutions in the future: "Quality for life – made by Ottobock".

Besides expert craftsmanship, high-quality materials play a key role in the production of modern fittings for people with physical limitations. Ottobock has accompanied you in your patient care responsibilities with great dedication for more than 90 years. In the materials product segment, we consider ourselves a problem-solver and advisor in matters related to the practical application of various supplies and high-tech materials for the fabrication of medical technology products. We are always developing our materials further, first and foremost to meet the needs of users and patients, but increasingly also for compliance with continuously changing legal standards. In addition to mechanical and chemical characteristics, the biological compatibility of materials is especially important. The quality and safety of our materials are our top priority. You can rely on that in every way.

Ottobock consulting, planning and equipping

Product expertise, understood correctly, is not limited just to the fabrication process. Product expertise includes knowledge of the correct processing and application of products, efficient processes in orthopaedic workshops and modern methods. This is why our core products and services, in addition to machines, apparatuses, tools and materials, include the planning of orthopaedic workshops with ergonomic workshop processes in order to establish the best possible conditions for good performance in trade-oriented operations. For example, improved procedures and time intervals between individual work steps increase efficiency. What is needed are room designs, space utilisation plans, useful equipment, machines that meet the requirements in practice, financial planning and calculation of profitability.

Ottobock has already used its extensive know-how in the realization of more than 2,000 projects at home and abroad to the benefit of the orthopaedic technicians and their patients, planned workshops, and delivered machinery and material as well as all necessary accessories. This is comprehensive consultation.

We want our partners not only to be able to fabricate good products and repair them, but also to be able to provide the best possible service in their profession. Just contact us about it.



Many years of experience for optimal consulting

Well-planned, comprehensive equipment systems make working in workshops more efficient. Work and material flows are not interrupted, and less valuable work time is lost – excellent preconditions for satisfied patients. With proven planning and equipping services, Ottobock planning and equipping provides you with comprehensive technical advice when planning your workshop. Benefit from our many years of experience and our knowledge for equipping your orthopaedic or shoe engineering operation. To date, Ottobock has planned and implemented more than 2,000 projects worldwide. Benefit from our technical expertise as a system supplier – we offer customised solutions, complete from a single source. For you, your staff and your patients.

Ottobock has created a comprehensive and detailed planning analysis to include all facts and conditions that must be taken into consideration in planning your workshop project, such as a new construction, alteration, expansion or modernisation of local, mobile or container workshops. An on-site consultation will be held together with you and your architect, where our technical adviser will record all the relevant data, facts and requirements. Customising solutions to meet your personal and individual needs is our strength. When preparing the design and planning, we also take financial conditions into account. For example, it may be useful for space or cost reasons to use individual workshop sections for several applications or to divide a project into downtown branches with a central workshop in an industrial zone. The primary aim is to reduce fitting and repair costs in accordance with practical requirements.



Specific know-how for sustainable planning

For planning of the new construction, alteration or modernization of an orthopaedic workshop (container workshop, mobile workshop or local workshop) the expertise of an external consultant is needed who knows all about the specific requirements, because the individual processes defined by the internal structures determine the overall planning of workshop equipment down to the minute details. This applies whether the project involves an individual work room or a full line of workshop equipment. This is why our planning takes shape with the help of 3D models even before the implementation. The requirements specified together with you and your architect are noted down in the planning analysis and serve our specialists as a basis for the detailed planning of your custom solution. The more knowledge and experience is brought to bear at this point, the more efficient and productive the result will be in practice.



Our planning takes shape with 3D models already before the implementation stage.

Important planning criteria:

- Layout of functional zones for process optimisation
- Workshop subdivision, for example into a metal, wood and plastics section, plastic lamination and plaster modelling room, technician's workshop and orthotist's workshop, etc.
- Assignment of the number of staff members in relation to room size, machine equipment and workshop equipment
- Separation of noisy and dirty areas from the patient rooms
- Short distances to the fitting rooms, workstations and machines
- Use of exhaust systems which are adapted to the local conditions and which are in conformity with the latest regulations
- Taking into account the legal regulations such as:
 - industrial code
 - ordinance on workplaces
 - standards for working with hazardous materials,
 - accident prevention regulations
 - machinery directives
 - employers' liability insurance association rules and regulations



Photorealistic model of a patient reception area

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Comprehensive technical expertise for professional implementation

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Insist on our technical expertise as system supplier, because we offer you delivery, installation, commissioning and instruction for all machines, devices and tools as well as high-quality supplies. Everything from a single source! Service and maintenance on site are just as much a matter of course as the prompt delivery of all wear and spare parts. Ottobock also offers customised solutions to dust extraction problems when using milling and sanding machines in orthopaedic technology. Our range includes conventional dust collectors, large dust extraction machines and central dust collection systems for extracting wood, plastic and metal dust and chips. Their parameters are calculated and specially adapted to your facilities and application. Our tasks as a service provider include consultation with your electrical and sanitary installation companies as well as the preparation of other planning documents, such as plans for electricity, lighting, sanitation or compressed air, for example. From Ottobock body callipers to modern alignment and measuring devices. Regularly held advanced training courses and user seminars for all our products and materials complete the offer. We would be happy to inform you about our current seminar schedule.

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Quality assurance

High-quality products are an important goal of Ottobock. In an effort not only to maintain but also to continuously improve our quality standards, we have implemented a process for quality improvement based on a documented Quality Management System (QMS). The system covers much more than the fabrication of individual products. From the initial planning and development phase onwards, it determines the overall high quality level in development, design, production and customer service.

Ottobock's high quality level has been tested and certified according to the international DIN EN ISO 13485 standard by the "Deutsche Gesellschaft zur Zertifizierung von Qualitäts-Management-Systemen" (German Association for the Certification of Quality Management Systems). This certification is internationally recognised.

Customer service

At Ottobock, we place great emphasis on CUSTOMER SERVICE. Our expert representatives will assist you with their comprehensive know-how, inform you about the latest developments and advise you in all matters concerning our products. For complex enquiries, our product experts and specialists will be happy to help you. Our highly qualified team of field service employees can assist with special technical solutions and their on-site implementation. We also offer comprehensive service and marketing concepts. Visit www.ottobock.com to obtain the most up-to-date product information at any time.

Notes on the catalogue

Text, illustrations and data correspond to the technical state at the time of printing.

We reserve the right to make modifications in combination with possible improvements of our products.

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Electrical connection

Otto Bock supplies products for the US market in 3 different power voltages. The correct power supply is mentioned in the technical specifications per product.

Option 1: 1x 115V/ 60 Hz, power plug 5-15P (1P+N+PE)



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Option 2: 1x 208V/ 60 Hz, power plug L6-15P (2P+PE)



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Option 3: 3x 208V/ 60 Hz, power plug L15-20P (3P+PE)



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Alignment apparatuses

The alignment of a prosthesis or orthosis has considerable influence on the functional qualities of the device and thus on the quality of fitting.

Optimal prosthetic alignment is achieved in three steps:

1. Bench alignment or plumb line alignment
2. Static alignment optimization
3. Dynamic alignment optimization

The Otto Bock alignment apparatus can be used to provide a systematic and anatomically correct bench or plumb line alignment.

The PROS.A.* Assembly was designed for bench alignment of modular lower limb prostheses as well as leg and spinal orthoses. In sagittal and frontal views, three laser lines are projected medially, laterally and anteriorly on the prosthesis as alignment reference lines.

For the three-dimensional alignment of a modular lower limb prosthesis, the knee joint is fixed in the apparatus, and the prosthetic foot, prosthetic components and the socket are mounted in accordance with the alignment recommendations. The three-dimensional alignment is performed in a measurable and reproducible manner. Alignment data can be documented and used for follow-up fittings.

The 3D L.A.S.A.R.** Posture has proven itself for static alignment optimization. The 3D L.A.S.A.R. Posture is used to visualize the position of the body's centre of gravity line, or load line, while the patient is standing.

The bench alignment of orthopaedic appliances is checked directly on the patient and is adjusted under the conditions found in practice so that it is biomechanically correct.

Alignment apparatuses 14

* PROS.A.: prosthetic alignment

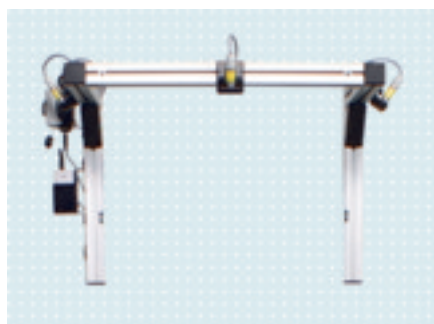
** L.A.S.A.R.: laser assisted static alignment reference

Alignment apparatuses



743A220 PROS.A. Assembly

Article number	743A220
Equipment	Quick-action clamping device, two inflatable clamping devices for attaching sockets, holder for knee joint adapter inserts, integrated measuring accessories, e.g. mm rulers, goniometers, height-adjustable footplate, TT and TF alignment pads
Dimensions WxDxH	800 x 900 x 2,100 mm 31 1/2 x 35 3/8 x 82 5/8 inch
To be used for	Bench alignment of Ottobock modular lower limb prostheses (TF and TT) according to Ottobock alignment recommendations
Scope of delivery	Includes one right and one left adapter insert for Ottobock knee joints (adapter insert article numbers: 743Y579, 743Y580, 743Y581, 743Y582, 743Y583, 743Y584, 743Y608, 743Y629, 743Y681)



743A211 Mounting frame with laser

Article number	743A211
for	Mounting frame for 743A220 PROS.A. Assembly and 743A200 PROS.A. Assembly (old version)
Dimensions WxDxH	27 7/8 x 20 1/2 x 18 1/4 inch
To be used for	Three laser lines (one frontal plumb line and two sagittal plumb lines)
Scope of delivery	Mounting frame with 3 lasers including holder, 1 power bank including USB cable, Schuko mains adapter and holder, main switch, 743Y689 gauge for laser alignment, mounting material, markings as mounting aid

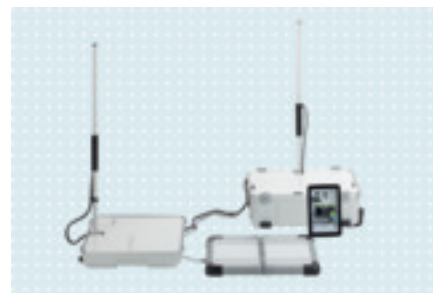


743L30=110 LaserLine

Article number	743L30=110
Equipment	Upper laser with angle scale, rotatable 225° (+45°, -180°), for measuring the angle of rotation (2° gradations), lower laser with vertically projected line, swivels horizontally approx. ±9°, opening angle of the laser beams: 100°, power supply: 4 x 1.2V AA battery cells as a NiCd battery pack (4.8V, 700mAh), charger, 100-240V / 50/60Hz, red light from light-emitting diodes (635 nm, laser class 2), projected laser line also visible by daylight, can be mounted on stand
Electrical connection in V/Hz/kW	1x 110 N/PE / 60 / 0.02
Colour	blue (anodised), blue (anodised)
To be used for	Prosthetics: Projection of the plumb line during prosthesis alignment and plaster removal, checking the knee joint axes, checking the neutral level of the pelvis, measuring flexion/extension angles and abduction/adduction angles Diagnosis: Measuring and visualising body positions and postural problems (e.g., lateral deviation in the case of scoliosis, valgus malalignment of legs), measurement of lateral foot displacement with respect to the hip joint and of the angle of the lower leg with respect to the plumb line in the case of varus/valgus malalignment (up to 10 cm), documentation before/after

743L500 3D L.A.S.A.R. Posture

Article number	743L500
Dimensions WxDxH	24 3/4 x 11 x 20 1/2 inch
WxD space requirements	70 7/8 x 70 7/8 inch
Electrical connection in V/Hz	1x 110 - 240 N/PE / 50-60
To be used for	Static alignment or verification of body posture in: <ul style="list-style-type: none"> • lower limb prosthetics • custom lower limb orthotics • orthopaedic foot care • incorrect posture of pelvis and legs • leg length discrepancy • physiotherapy • rehabilitation <p>Cameras take a live recording of the patient standing on the measuring plate and transmit the image to a tablet PC. The tablet displays the measured horizontal and vertical forces in the form of lines positioned with millimetre accuracy over the patient's image. Max. body weight 331 lbs.</p>
Scope of delivery	Force measurement plate in two sections, 2 pc. camera stands (with 2 cameras each), tablet PC (with inserted micro-SD memory card), battery charger for tablet PC (with USB cable)



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743S12 Heel height measuring device

Article number	743S12
To be used for	For measuring the effective heel height



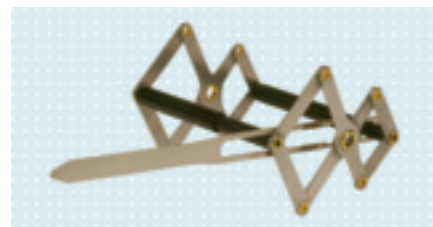
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 646F219=D alignment recommendations for modular lower-limb prostheses

743A8 Knee pivot gauge

Article number	743A8
Material	Steel
To be used for	to determine the compromise pivot point according to Nietert (60:40 graduation)



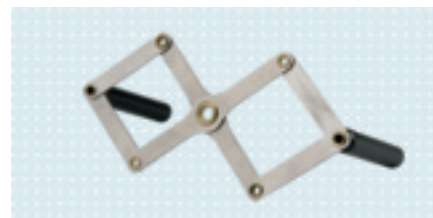
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 647H465

743A80 50:50 Gauge

Article number	743A80
Version	Movable arms for prosthesis sockets of various sizes
To be used for	for precisely determining the lateral centre line of a prosthetic socket



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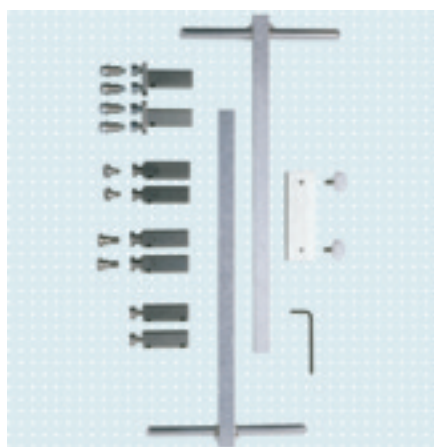


743A160 Ottobock transfer device

Article number	743A160
Equipment	Adapter ring, holder for exhaust tube, for clamping in the vice
Dimensions WxDxH	10 1/4 x 40 1/8 x 11 3/4 inch
Material	Galvanised square steel tubing
To be used for	Transfer applications for alignment

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743R6 Orthotic joint alignment fixture

Article number	743R6
Consisting of	(a) 743Y55 alignment axis - Light metal - (b) 743Y70=80 parallel adapter, width 3 1/8 inch (standard) or 743Y70=50 parallel adapter, width 2 inch (accessory) - Light metal - (c) 743Y56=1 alignment adapter, for gear segment bars - Stainless steel - (d) 743Y56=2 alignment adapter with 12x7.6 pin flange - Stainless steel - and 501A1=12x7xM4 shoulder screw (e) 743Y56=3 alignment adapter with 14x9.6 pin flange - Stainless steel - and 501A1=14x9xM6 shoulder screw (f) 743Y56=4 alignment adapter with M4 and M6 thread retainer and 501A12=3 shoulder screw - Stainless steel - (g) 743Y72 Allen screw with collar (h) 501A1=12x6xM4 shoulder screw for 743Y56=2 alignment adapter (i) 501A1=12x8xM6 size 3 shoulder screw for alignment adapter (j) 709S10=2.5 Allen key (k) Shoulder screws: 30Y89, 30Y248=20, 30Y248=14-16, 30Y248=12
To be used for	as an aid for leg orthosis fabrication, suitable for the "structural orthosis fabrication" technique based on a drawing and for the lamination resin and vacuum-forming techniques based on a plaster cast

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743A6 Orthotic alignment aid

Article number	743A6
Dimensions WxDxH	10 5/8 x 15 x 30 3/8 inch
To be used for	Three-dimensional alignment of leg orthoses and positioning of knee and ankle joint points on a plaster negative or plaster positive, for clamping in a vice

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647H416

743R3 / 743R5 Parallel alignment tool

Article number	743R3	743R5
Material	nickel plated	
For sloth widths	1/8 and 1/4 inch	1/4 inch
To be used for	Adjusting and securing lower leg joint bars	Adjusting and securing double joint bars



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662M4 Ottobock goniometer

Article number	662M4
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743Y32 Hip levelling guide

Article number	743Y32
Version	With plastic arm
Material	Aluminium
Length	13 inch
To be used for	Checking length of leg



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743E5=* Socket measuring device

Article number	743E5=2	743E5=3
For socket	Thigh	Lower leg
Spacing	Inches	cm



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Patient and Fitting Area

The reception, waiting, patient and fitting areas are the calling card of an orthopaedic workshop.
Special attention should therefore be paid to the furnishings of these areas. A pleasant ambience, where customers feel good, creates the best possible basis for customer satisfaction.
To make wheelchair access easier, all doors should be at least 1 metre wide and open towards the outside. Sliding doors are a good alternative.

Fitting area 19

Fitting area



758G10=1 Parallel bars

Article number	758G10=3	758G10=4	758G10=5	758G10=6
Equipment	Adjustable height and width, flat base plates, collapsible rails			
Material	Steel construction			
Length	118 1/8 inch	157 1/2 inch	196 7/8 inch	236 1/4 inch
Height adjustment	27 1/8 - 41 3/8 inch			
Width adjustment	19 5/8 - 31 1/2 inch			
Weight	127,87 lbs	143,30 lbs	158,73 lbs	198,41 lbs
Colour	Signal white (RAL 9003)			
To be used for	Freestanding set-up; when not used, the parallel bars can be folded up and put to the side			



758G30=1 Parallel bars

Article number	758G30=3	758G30=4	758G30=5	758G30=6
Equipment	Adjustable height and width, without braces between the vertical tubes, vertical tubes that can be unscrewed, with base plate and mounting elements			
Material	Steel construction, powder-coated handrail			
Length	118 1/8 inch	157 1/2 inch	196 7/8 inch	236 1/4 inch
Height adjustment	27 1/8 - 41 3/8 inch			
Width adjustment	± 5 7/8 inch			
Weight	112,43 lbs	127,87 lbs	143,30 lbs	182,98 lbs
Colour	Signal white (RAL 9003)			
To be used for	Mounting the base plate in the floor screed; the vertical tubes can be screwed out when not needed			

Other lengths and floor mountings are available upon request.



758G8=1 Test platform with inclined surface and steps, straight

Article number	758G8=1
Version	Handrail on one side
Equipment	Stable construction with test platform, 3 steps and inclined surface, stud plate for better hold
Length	113 3/4 inch
Width	26 1/4 inch
Height of handrail	37 inch
Height of platform	20 1/8 inch
Weight	198,41 lbs
Colour	Signal white (RAL 9003)
To be used for	Dynamic alignment optimisation of leg prostheses in everyday situations
Base frame material	Steel
Inclined surface and staircase material	Aluminium
Handrail material	Steel, coated

Optionally the test platform can also be supplied with handrails on both sides. (758Y79=1 Handrail)

758G8=LR Test platform with inclined surface and steps, left/right

Article number	758G8=LR
Version	Handrail on one side, inclined surface optional left or right
Equipment	Sturdy structure, stairs with 3 steps, stud plate for better hold, modular system (including surface optional left or right)
Length	89 7/8 inch
Width	47 5/8 inch
Height of handrail	37 inch
Height of platform	20 1/8 inch
Weight	198,41 lbs
Colour	Signal white (RAL 9003)
To be used for	Dynamic alignment optimisation of leg prostheses in everyday situations
Base frame material	Steel
Inclined surface and staircase material	Aluminium
Handrail material	Steel, coated

- ◉ Optionally the test platform can also be supplied with handrails on both sides. (758Y79=LR Handrail)



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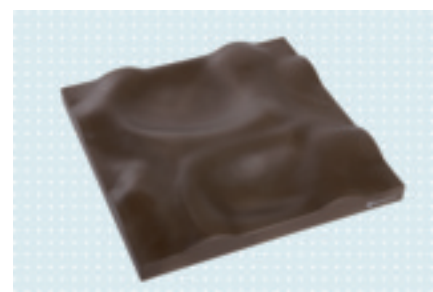
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752T1 Relief floor panels

Article number	752T1
Version	Non-slip, wear-resistant, dermatologically neutral, impervious to detergents and humidity
Dimensions WxD	19 5/8 x 19 5/8 inch
Material	Polyurethane
Weight	per tile: 7,05 lbs
To be used for	Simulation of walking situations similar to everyday conditions in medical supply stores, therapy, socket fitting and adaptation
Scope of delivery	6 pieces
Grade of hardness	Approx. 45 Shore A



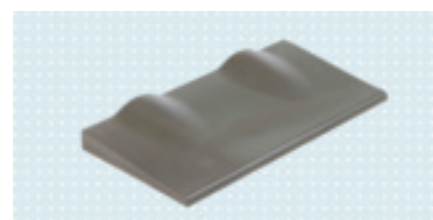
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752T2 Relief floor panels

Article number	752T2
Version	Non-slip, wear-resistant, dermatologically neutral, impervious to detergents and humidity
Dimensions WxD	19 5/8 x 9 7/8 inch
Material	Polyurethane
Weight	2,2 lbs
To be used for	Access panels, flush connection to the 752T1 relief floor panels
Scope of delivery	2 pieces
Grade of hardness	Approx. 45 Shore A



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Plaster Casting and Plaster Modification

Prostheses and orthoses must fit precisely to ensure not only proper functioning but also acceptance by the patient. A plaster cast created with functional factors in mind is a prerequisite for ensuring good contact between the prosthetic socket and the residual limb.

To successfully fit a lower limb prosthesis, the plaster negative used for the fabrication of a transtibial socket, transfemoral ischial containment socket or hip disarticulation socket should be taken under weighted conditions.

In practice, the Otto Bock casting apparatus with SIT*-Cast and HIP**-Cast accessories has proven to be very helpful for anatomically functional systematisation of the plaster cast technique. Plaster negatives created using these devices are notable for a high level of accuracy and anatomic fit and ensure precise and safe finishing. Materials needed for fabricating plaster negatives and positives, for laminating technique as well as for fabricating prosthetic sockets by vacuum-forming are described in our 646K1=GB Materials Catalogue.

Plaster casting	24
Plaster room equipment	25
Plaster modification tools	28

*SIT: supported ischium trochanteric

**HIP: hip disarticulation

Plaster casting



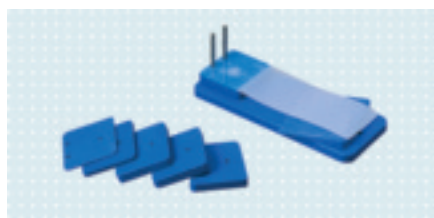
743A150 Spinal casting aid, complete

Article number	743A150
Version	Adjustable in just a few steps, adjustable footplate, knee supports and handles, support/anchor points for maximum safety, upper frame with head support
Dimensions WxDxH	34 5/8 x 25 5/8 x 73 1/4 - 106 1/4 inch
Workspace WxD	35 3/8 x 29 1/2 inch
Weight	165,35 lbs
To be used for	Assistance and support in casting
Scope of delivery	743A140 Spinal casting aid, lumbar version, 755Y400=1 Rack attachment, 755Y400=2 Rack attachment "scoliosis", 755Y400=3 Mirror, 755Y400=4 Head support, 755Y400=5 Pulley, 755Y400=6 Sitting-standing aid



743G11/ 743G12 Mobile TF casting aid

Article number	743G11	743G12
Equipment	Without SIT*-Cast casting forms	With SIT*-Cast 743Y50=L0, =R0, =L1, =R1, =L2, =R2, =L3, =R3, =L4, =R4 casting forms
Dimensions WxDxH	12 5/8 x 27 1/2 x 5 1/2 inch	
Colour	Light grey (RAL 7035)	
To be used for	For systematising functional plaster technology under weighted conditions for transfemoral ischial sockets, use in clinics or at the patient's home, plaster negatives can be made more easily and precisely using SIT*-Cast casting forms	



743A9 Foot casting aid

Article number	743A9
Material	Plastic/stainless steel
To be used for	Creating a plaster negative of the foot with various heel heights and adjustable tip lift in the forefoot area, especially appropriate for AFO, KAFO, inserts
Scope of delivery	1x base plate, 1x forefoot wedge, guide rods, 1/4 inch foot rest, 4x 3/4 inch height adjustment plate, 1x 3/8 inch height adjustment plate, 1x 1/4 inch height adjustment plate

647G146



743A11 Ottobock casting frame

Article number	743A11
Dimensions WxDxH	23 5/8 x 31 1/2 x 43 7/8 inch
Space requirements WxD	78 3/4 x 78 3/4 inch
To be used for	Functional plaster casting under weighted conditions
Scope of delivery	743A12 base plate, 743A13=S adapter rings, 743Y12 square column with lifting clamp device and gimbal

*SIT: supported ischium trochanteric

743G5 Hip-cast plaster device

Article number	743G5
for	743A11 Ottobock casting frame
Version	Special silicone casting form that is integrated into the support plate and rotatable, encompasses the ramus and forms the seat surface under weighted conditions; position for a modular hip joint is set with pressure blocks; the iliac crests are modelled precisely with the tension belts
Dimensions WxDxH	17 7/8 x 13 1/4 x 27 1/2 inch
Weight	16,53 lbs
Colour	Light grey (RAL 7035)
To be used for	In connection with 743A11 Ottobock casting frame for anatomically functional plaster casting technology for fitting a hip disarticulation



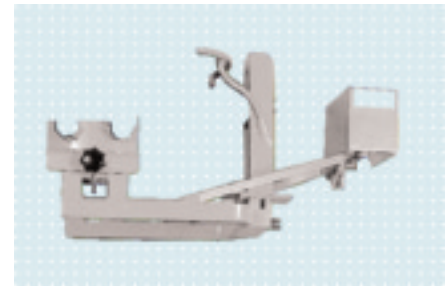
743Y25 Attachment board

Article number	743Y25
for	743A11 Ottobock casting frame
Equipment	2x 743Y26 pressure blocks
Dimensions WxDxH	9 1/4 x 13 3/4 x 2 3/8 inch
To be used for	Plaster casting for hip/knee disarticulation patients



743G10 Sit-cast plaster device with pneumatics

Article number	743G10
for	for attachment to 743A11 Ottobock casting frame
Version	With SIT*-Cast 743Y50=L1, =R1, =L2, =R2, =L3, =R3, =L4, =R4 casting forms
Equipment	Femoral pad can be adjusted specifically to patient via pressure regulator, pneumatic pressure adjustment, short stroke cylinder, option of connecting pneumatic unit to compressed air supply
Dimensions WxDxH	12 1/4 x 37 3/4 x 18 1/8 inch
Stroke length	3 inch
Max. pressure	43.5 psi
To be used for	Creating plaster negatives under weighted conditions for transfemoral ischial containment socket



646DV14 SIT-Cast DVD

- Connection hose and maintenance unit with pressure reducer for connecting the SIT-Cast plaster device to a compressed air supply are not included in the scope of delivery.

743Y50 Anatomical SIT-cast

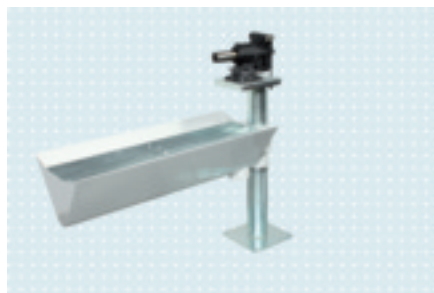
Reference number	743Y50
for	For attachment to 743A11 Ottobock casting frame with 743G1(=0)/743G10(=0) SIT-Cast plaster device
Equipment	Adjustable casting forms for the perineum area, 2 adjustable leg pads
To be used for	For modelling the plaster negative with perfect fit



646S1=4.08D

*SIT: supported ischium trochanteric

Plaster room equipment



754W20 Plaster processing station

Article number	754W20
Version	Swivelling collection container, height adjustment, variable vice adjustment, can be bolted to the floor
Dimensions WxDxH	54 3/4 x 22 5/8 x 49 1/4 inch
Material	Galvanised steel
Colour	Light grey (RAL 7035)
To be used for	Plaster processing
Scope of delivery	Includes vice and mounting materials



758A10 Plaster modelling table, stainless steel

Article number	758A10
Equipment	Tabletop with stainless steel cover (rust-proof), bevelled on the sides, base frame made of square tubing, galvanised storage racks
Dimensions WxDxH	70 7/8 x 35 3/8 x 33 1/2 inch
Material	Rust-proof stainless steel



758A110=* Plaster modelling table, square

Article number	758A110=1250	758A110=1420
Equipment	Worktop with opening to dispose of plaster waste, holes around the edge of the worktop (diameter 3/4 inch) for inserting plaster models, storage rack, can be bolted to the floor Optional accessories: 754W33 Waste container 704B1=140-1.2 Vice (pages 27, 67)	
Dimensions WxDxH	49 1/4 x 49 1/4 x 33 1/2 inch	55 7/8 x 55 7/8 x 33 1/2 inch
Material	Stainless steel	



704G300 Clamping device

Article number	704G300
Version	Swivels horizontally and vertically
Base plate	5 7/8 x 5 7/8 inch
Total height (without clamping lever)	9 1/2 inch
Ø of support	1 3/8 inch
To be used for	Clamping suction pipes Processing plaster models

704B1=* Vice

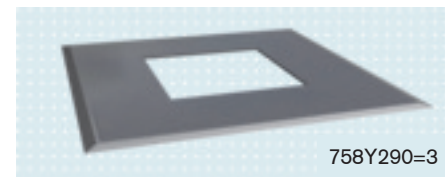
Article number	704B1=100-1.2	704B1=120-1.2	704B1=140-1.2	704B1=160-1.2
Version	Opens forward			
Equipment	Surface-hardened clamping jaws, adjustable, hardened guide rail, hardened anvil, mounting device for jaw protectors, measuring scale for quick pre-adjustment of the clamping width, round, stable, forged vice base, without mounting materials			
Material	Forged steel			
Jaw width	3 7/8 inch	4 3/4 inch	5 1/2 inch	6 1/4 inch
Jaw opening	4 7/8 inch	5 7/8 inch	7 7/8 inch	8 7/8 inch
Hole spacing	3 1/2 inch	4 1/2 inch	5 3/4 inch	
Colour	Anthracite grey (RAL 7016)			



704B1=140-1.2

758Y290=* Grating frame for plaster modelling tables

Article number	758Y290=2	758Y290=3	758Y290=4
for	Accessories for 758A10 and 758A11=2 Plaster modelling table	Accessories for 758A100 and 758A110=1420 Plaster modelling table, square	Accessories for 758A110=1250 Plaster modelling table, square
Dimensions WxDxH	139 3/4 x 103 1/2 x 1 1/8 inch	129 7/8 x 129 7/8 x 1 1/8 inch	123 1/4 x 123 1/4 x 1 1/8 inch
Material	Galvanised steel		
To be used for	Installation on floor screed		
Scope of delivery	four pieces as all-round frame, incl. outer frame, inner frame and grating		



758Y290=3

754W1=* Plastic basin

Article number	754W1=1	754W1=2
Version	With chassis and 4 caster wheels	Without chassis
Dimensions WxDxH	33 1/8 x 22 7/8 x 16 1/8 inch	



754Y10 Plaster tube support frame

Article number	754Y10
for	754W1=* Plastic basin
Version	Stainless steel
Equipment	two clamps, four angle brackets
Dimensions WxDxH	18 3/4 x 30 1/2 x 31 1/2 inch
To be used for	Mounting on 754W1=* Plastic basin, for securing the plaster cast tube when filling negative models



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754W15 Plaster separator, closed

Article number	754W15
Dimensions Ø x H	13 3/8 x 12 5/8 inch
Version	4-chamber purification system, easy to clean with film insert, visual inspection of the height of the slurry thanks to transparent container, no odour nuisance thanks to closed system, no overflow, 2 inch diameter discharge connection
Equipment	Transparent container with film insert and quick-release lock
To be used for	Separating plaster; to be installed beneath the plaster/washing basin
Scope of delivery	1 supply hose, straight, length 19 5/8 inch, 1 1/2" 1 flexible drain hose, length 19 5/8 inch, outflow 2 - 1 5/8 inch mm

3



754G2=* Plaster silo

Article number	754G2=230	754G2=350
Equipment	Cover plate, plaster dosing worm gear, 4 swivelling wheels, plaster bag ripper	
Dimensions WxDxH	31 3/8 x 43 1/4 x 48 3/8 inch	33 1/4 x 43 1/4 x 58 1/2 inch
Material	Steel	
Container volume	60,76 gal	92,47 gal

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758R15=2

758R15=* Shelving unit for plaster models

Article number	758R15=1	758R15=2
Version	Without wheels	With wheels
Dimensions WxDxH	49 1/4 x 21 5/8 x 56 1/4 inch	49 1/4 x 21 5/8 x 60 1/4 inch
Material	Steel	
To be used for	Storing plaster models, for tube diameters up to 1 1/8 inch	

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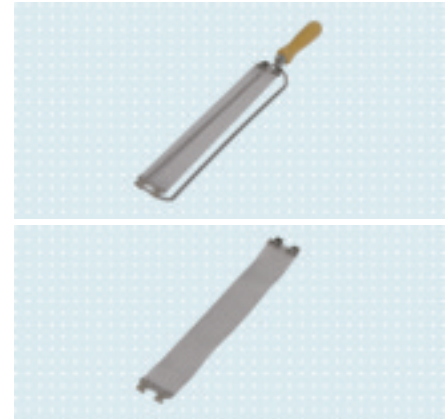
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Plaster modification tools

716G1 Plaster smoothing tool

Article number	716G1
Working length	11 inch
Version	Flat, incl. 716Z1 replaceable blade



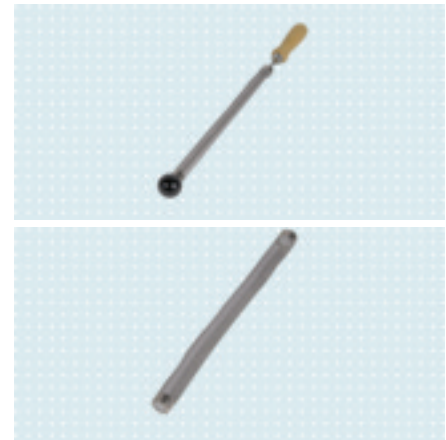
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716G2 Plaster smoothing tool

Article number	716G2
Version	Round
Equipment	incl. 716Z2 replaceable blade
Working length	11 3/4 inch



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716Y5 Surform rasp holder

Article number	716Y5
Length	9 7/8 inch
Scope of delivery	incl. 716Y1 blade



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716R1 Surform rasp, round

Article number	716R1
Equipment	incl. 716Y4 round blade and handle
Length	9 7/8 inch

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719G1 Plaster cast scissors

Article number	719G1
Length	8 5/8 inch

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756G1=* Plaster spatula

Article number	756G1=12	756G1=16	756G1=20
Version	One side pointed oval, one side flat, plastic-coated grip		
Blade width	1/2 inch	5/8 inch	3/4 inch

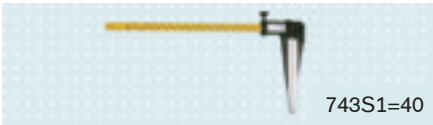
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743S1=* Ottobock diameter

Article number	743S1=40	743S1=60	743S1=H	743S1=S
for			743G5 HIP-Cast plaster device	743G1 SIT-Cast plaster device
Measurement range	15 3/4 inch	23 5/8 inch	15 3/4 inch	23 5/8 inch

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743S1=40

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743S1=S

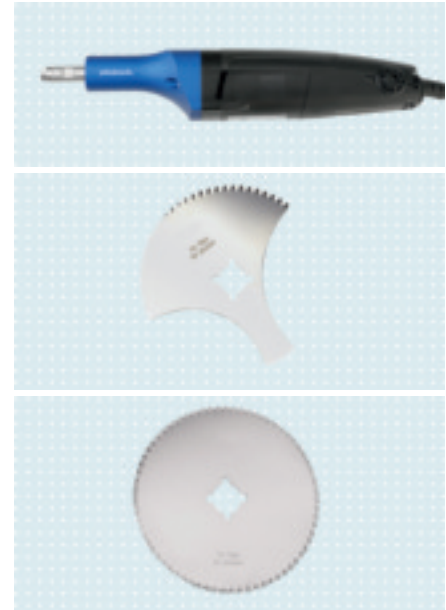
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756B12=110 Electric plaster saw

Article number	756B12=110
Version	Robust design thanks to additional bearing of the driving shaft, powerful drive motor
Equipment	Speed controllers for continuous vibration frequency pre-selection, linear oscillating saw, saw blade (diameters 2 inch (756Y63=50) and 2 1/2 inch (756Y63=65)), two open-end spanners
Electrical connection in V/Hz/kW	1 x 110-120 N / 50/60 / 0.25
Connecting cable	118 1/8 inch with two-pin earthed plug
Oscillating frequency	approx. 12,000 - 21,000 min ⁻¹

- Replacement blades for 756B12=110:
756Y62 Segment saw blade, diameter 2 1/2 inch
756Y63=50 Circular saw blade, diameter 2 inch
756Y63=65 Circular saw blade, diameter 2 1/2 inch



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756D2 Compressed-air plaster saw

Article number	756D2
Equipment	1x exhaust hose, 1x steel circular saw blade, PTFE-coated, 1x depth stop, 1x Allen key, 1x open-end spanner
Sound intensity level	78 ± 2 dB(A)
Motor power	At 6 bar operating pressure: 0.29 kW
Oscillating frequency	20,000 min ⁻¹
Hose connector	plug-in nipple
Air consumption	At 6 bar operating pressure: 148 gal/min

- Should only be used with 755Y7 Service unit.
- Replacement blades for 756D2:
756Y1=45 Circular saw blade, diameter 1 3/4 inch
756Y1=65 Circular saw blade, diameter 2 1/2 inch
756Y1=80 Circular saw blade, diameter 3 1/8 inch
756Y23 Segment saw blade, diameter 2 3/8 inch
756Y27 Diamond saw blade, toothed, diameter 2 1/2 inch



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756E4 Compressed-air chipping hammer

Article number	756E4
Equipment	Plastic case with 7 3/8 inch long pointed chisel, 6 7/8 inch long flat chisel, 6 7/8 inch long chisel for separating sheet metal, 7 1/8 inch long chisel for cutting sheet metal, 6 7/8 inch long chisel for chipping off bolts, tool lubricant
Frequency	3,000 min ⁻¹
chisel travel	2 1/2 inch
Tool attachment	(hexagonal) 3/8 inch
Hose connector	plug-in nipple
Air consumption	approx. 39.6 - 63.4 gal/min
Nominal air pressure	Max. 7 bar

- Should only be used with 755Y7 Service unit.
- Replacement chisels for 756E4:
756Y9=175 Chisel, length x width: 7 1/8 x 2 inch
756Y9=250 Chisel, length x width: 9 7/8 x 3/4 inch

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755Y7=* Service unit

Article number	755Y7=1/4"	755Y7=3/8"	755Y7=1/2"
Equipment	Filter pressure reducer with pressure gauge, transparent plastic container, oil mister		
Material	Brass		
Thread	1/4" inner	3/8" inner	1/2" inner
To be used for	To remove oil and water from the air		

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Vacuum Forming / Plastic Forming

Thermoplastics are finding increasing use in the production of orthopaedic aids. This is because of their special properties, such as quick and easy processing, minimum weight, excellent hygienic characteristics as well as outstanding strength, stiffness and shape retention. Thermoplastics can also be reshaped at any time.

There are a variety of heating plates, air-recirculation heating cabinets and infrared heating cabinets available for heating thermoplastics. We offer a range of different products depending on the size of the plastic materials and the required heating time. Infrared heating cabinets are particularly suited for quickly and gently heat thermoplastics. Compared with air-recirculation heating cabinets, they heat the plastic material up to 300 percent faster. Pre-heating is not required. Most plastic materials can be placed directly into the cold infrared heating cabinet. Another advantage is their low energy consumption and the way in which the plastic material is evenly heated from the inside to the outside. Heated plastic material has a more plastic behaviour for processing and can be more easily formed, bent around edges and placed into undercuts.

Our Materials Catalogue 646K1=D provides technical information about plastic sheets available from Otto Bock, together with notes on the respective areas of application as well as supply examples and recommendations for the most favourable heating temperatures for heating plates, air-recirculation heating cabinets and infrared heating cabinets.

Infrared ovens and accessories	36
Vacuum forming workstations and accessories	39
Vacuum pumps	41

Infrared ovens

701E40=* Infrared heating cabinet for sheet materials, with rotatable material cart



Article number	701E40=WS-US	701E40=S-US
Version	Material cart with rotation function for switching between sheet materials and vacuum formed sockets, without sensor	Material cart with rotation function for switching between sheet materials and vacuum formed sockets, sensor for programmable measurement of the blister depth for vacuum formed sockets, tower light for visualising the operating status, incl. 2-stage alarm function
Equipment	<ul style="list-style-type: none"> - Stainless steel housing front and interior - Housing closed on the bottom - Vertically opening sliding door with dual gas compression spring support and double-glazed viewing window - Interior lighting 2 x 25W illuminants - Opto-electronic IR-measuring head for measuring the material surface temperature - PID controller, temperature continuously variable from 86°F to 482°F - Temperature display with nominal and actual values - Heating process record with graphical gradient display - PLC with touch panel - Programmable timer function - Multilingual user interface - Control box with plug connectors for straightforward complete replacement in case of repairs - PLC program update via external USB port <p>Material cart:</p> <ul style="list-style-type: none"> - With rotation function for switching between sheet materials and vacuum formed sockets (755T4=360 tensioning frame, page 38) - Mobile with 4 locking casters - Material cart usable space WxD 49 5/8 x 41 inch - Working height 42 1/2 inch 	
Outer dimensions WxDxH	63 x 50 x 56 1/4 inch	
Material	Steel, stainless steel	
Interior dimensions WxDxH	51 1/8 x 42 7/8 x 19 5/8 inch	
Interior volume	187,32 gal	
Electrical connection in V/Hz/kW	3x 208 PE / 50-60/ 8.5	
Connecting cable	157 inch, power plug L15-20P	
Colour	Light grey (RAL 7035)	
To be used for	Heating plastic materials in a vacuum forming frame or on a sheet with Teflon lining	
Infrared radiator	Panel heating with 18 infrared quartz tubes, with individual reflectors	

701E41=* Infrared heating cabinet for sheet materials

Article number	701E41=WS-US	701E41=S-US
Version	Material cart without rotation function consisting of working frame with loose support plate for switching between sheet materials and vacuum formed sockets, without sensor	Material cart without rotation function consisting of working frame with loose support plate for switching between sheet materials and vacuum formed sockets, sensor for programmable measurement of the blister depth for vacuum formed sockets, tower light for visualising the operating status, incl. 2-stage alarm function
Equipment	<ul style="list-style-type: none"> - Stainless steel housing front and interior - Housing closed on the bottom - Vertically opening sliding door with dual gas compression spring support and double-glazed viewing window - Interior lighting 2 x 25W illuminants - Opto-electronic IR-measuring head for measuring the material surface temperature - PID controller, temperature continuously variable from 86°F to 482°F - Temperature display with nominal and actual values - Heating process record with graphical gradient display - PLC with touch panel - Programmable timer function - Multilingual user interface - Control box with plug connectors for straightforward complete replacement in case of repairs - PLC program update via external USB port <p>Material cart:</p> <ul style="list-style-type: none"> - Working frame with loose support plate for switching between sheet materials and vacuum formed sockets (755T4=360 tensioning frame, page 38) - Mobile with 4 locking casters - Material cart usable space WxD 49 5/8 x 41 inch - Working height 42 1/2 inch 	
Outer dimensions WxDxH	63 x 50 x 56 1/4 inch	
Material	Steel, stainless steel	
Interior dimensions WxDxH	51 1/8 x 42 7/8 x 19 5/8 inch	
Interior volume	187,32 gal	
Electrical connection in V/Hz/kW	3x 208 PE / 50-60/ 8.5	
Connecting cable	157 inch, power plug L15-20P	
Colour	Light grey (RAL 7035)	
To be used for	Heating plastic materials in a vacuum forming frame or on a sheet with Teflon lining	
Infrared radiator	Panel heating with 18 infrared quartz tubes, with individual reflectors	



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701E44=* Infrared heating cabinet

Article number	701E44=S-US	701E44=WS-US
Version	With sensor for programmable measurement of the blister depth for vacuum formed sockets	Without sensor
Equipment	Stainless steel front panel and doors, stainless steel interior, 1x sliding tray with Teflon liner, double swing doors with double-glazed viewing window, interior lighting 2x 25W illuminants, opto-electronic IR measuring head for measuring the material surface temperature, PID controller, temperature continuously variable from 86°F to 482°F, PLC controller with touch panel, display of nominal and actual value, programmable timer function, multilingual user interface, heating process record with graphical gradient display, tower light for visualising the operating status, alarm function	
Outer dimensions WxDxH	35 3/8 x 27 1/2 x 36 1/4 inch	
Material	Steel	
Interior dimensions WxDxH	31 7/8 x 22 7/8 x 20 1/8 inch	
Interior volume	63,40 gal	
Electrical connection in V/Hz/kW	3x 208 PE / 50-60/ 3.7	
Connecting cable	157 inch, power plug L15-20P	
Colour	Light grey (RAL 7035)	
To be used for	Heating plastic materials in a vacuum forming frame or on a sheet with Teflon lining	
Infrared radiator	Panel heating consisting of 8 x 460 W infrared quartz tubes, with individual reflectors top	

- Optional accessories:
758S14 Lower frame for 701E44=* Infrared heating cabinet

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Accessories for infrared ovens

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Temperature-resistant glove

Article number	641H13	641H3
Order by	1 Pair	
Length	9 1/2 inch	11 inch
Colour	Sand/beige	Raw white

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755T4=360 Tensioning frame, inner-Ø 14 1/8 inch

Article number	755T4=360
To be used for	For material thickness up to 3/4 inch

- Spare parts for 755T4=360 tensioning frame:
755X89 Joint screw
755X87 Star handle
755X86 Clamping bar
755X90 Grip bar (short)
755X90=170 Grip bar

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758R16=1700 Shelf for infrared heating cabinet for sheet materials

Article number	758R16=1700
Version	3x shelf top, max. sheet size 63 x 43 1/4 inch
Dimensions WxDxH	66 7/8 x 43 1/4 x 57 1/8 - 70 7/8 inch
Material	Steel
Colour	Light grey (RAL 7035)
To be used for	Shelf for 701E40=* and 701E41=* Infrared heating cabinet for sheet materials

► The infrared heating cabinet for sheet materials is not included in the scope of delivery.



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758R27 Material cart

Article number	758R27
Version	Six compartments, four caster wheels
Dimensions WxDxH	39 3/8 x 25 5/8 x 23 5/8 inch
Material	Steel
Colour	Light grey (RAL 7035)
To be used for	Storing sheet materials



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Vacuum forming workstations

755T6=* Vacuum forming workstation with integrated pump

Article number	755T6=1-US	755T6=2-US
Equipment	Integrated vacuum pump, foot switch to regulate the vacuum, upper vacuum forming tube folds 90°, tool shelf, vacuum filter (to trap dust and other small particles - reduces the risk of operating failures and pump downtime), tank volume 3.97 gal, max. negative pressure -11.6 psi	
Dimensions WxDxH	39 3/8 x 17 3/4 x 43 1/4 inch	59 x 17 3/4 x 37 5/8 inch
Material	Steel	
Delivery rate	3.5 cfm	
Sound intensity level	60 dB(A)	
Electrical connection in V/Hz/kW	1x 115 N/PE / 60/ 0.3	
Connecting cable	118 1/8 inch, power plug 5-15P	
Colour	Light grey (RAL 7035)	
Version	Single version (vacuum pipe top and on the side) 1x vacuum pipe with two exchangeable vacuum forming plates (1x diameter 9 inch and 1x diameter 13 inch) 1x exhaust tube	Double version (vacuum pipe on both sides) 2x vacuum pipe with four exchangeable vacuum forming plates (2x diameter 9 inch and 2x diameter 13 inch)



755T6=1-US



755T6=2-US

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755T2 / 755T20 Vacuum forming workstation

Article number	755T2	755T20
Dimensions WxDxH	23 5/8 x 23 5/8 x 39 inch	23 5/8 x 23 5/8 x 47 5/8 inch
Material	Steel	
Vacuum connection Ø	1/2 inch	
Colour	Light grey (RAL 7035)	
Scope of delivery	704B1=140-1.2 vice, 704G11 clamping fixture "Orthofix" for exhaust tubes, 755X221 vacuum pipe with exchangeable vacuum forming plate (diameter 14 1/8 inch), ball valve, 157 1/2 inch hose, mounting materials for bolting to the floor	

- The vacuum forming workstation has to be bolted to the floor or screwed to the 704Y30 Floor plate (optional accessory).
- As an option, a 755X181 Vacuum control foot pedal can be added to the vacuum forming workstation.



755T1=* Vacuum forming workstation with integrated tank

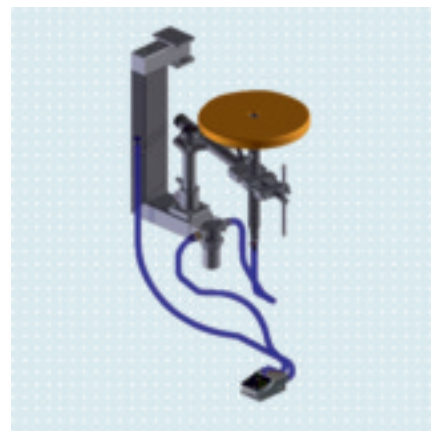
Article number	755T1=2	755T1=3	755T1=4
Version	2 x vacuum forming workstations	3 x vacuum forming workstations	4 x vacuum forming workstations
Equipment	Connection to a vacuum system, e.g. 755E80=* Mobile vacuum pump with tank, tank integrated in the frame, water trap, 1x shelf with grate, 1x replaceable HPME shelf for cutting and gluing, vacuum pipe holder tilts 90°, foot pedals to control the vacuum, vacuum pipes, recommended vacuum forming output 353,14 cuf per workstation		
Dimensions WxDxH	49 1/4 x 29 1/2 x 29 1/2 inch	68 7/8 x 29 1/2 x 29 1/2 inch	98 3/8 x 29 1/2 x 29 1/2 inch
Material	Steel		
Vacuum connection Ø	1 inch, adapter for 1/2 inch		
Colour	Light grey (RAL 7035)		

- Other dimensions available upon request.

Accessories for vacuum forming workstations

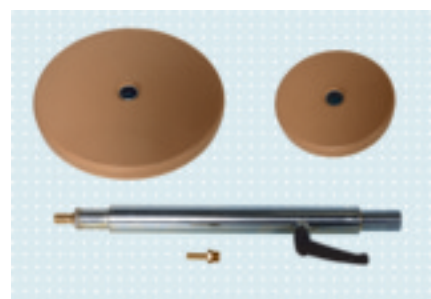
755X180=LR Vacuum forming adapter

Article number	755X180=LR
Version	Connection on the right and left side
Equipment	Foot pedal for regulating the vacuum, particle filter, water trap, 755X221 Vacuum pipe with 755X222=360 Replaceable vacuum forming plate (diameter 13 inch), 704G11 "Orthofix" clamping fixture for clamping the vacuum pipe
Dimensions WxDxH	14 1/8 x 27 1/2 x 23 5/8 inch
For tensioning frame Ø	10 1/4 inch and 14 1/8 inch
Material	Steel
To be used for	Installation on the right or left side of the 755T1=* Vacuum forming frame and 758Z116=* Lamination workstation
Connection Ø	1/2 inch



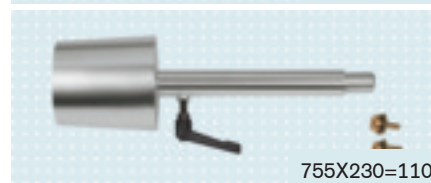
755X220 Vacuum pipe with two exchangeable vacuum forming plates

Article number	755X220
Vacuum connection Ø	1/4 inch 1/2 inch 1 inch
Scope of delivery	1 set consisting of: 755X221 Vacuum pipe 755X222=260 Vacuum forming plate (diameter 9 inch) 755X222=360 Vacuum forming plate (diameter 13 inch) Adapter for various vacuum connection diameters: 1/4", 1/2" and 1"



755X230=* Conical vacuum pipe

Article number	755X230=65	755X230=85	755X230=110
for	Connection to 755T1=*, 755T2, 755T20 and 755T6=* Vacuum forming workstations		
Equipment	Incl. adapter for vacuum connection, diameter 1/4", 1/2" and 1"		
Diameter	2 1/2 inch	3 3/8 inch	4 3/8 inch
Material	Galvanised steel		
Length	16 1/2 inch		
Vacuum connection Ø	1/4 inch 1/2 inch 1 inch		



Vacuum pumps



755E70=1-US Vacuum pump without tank

Article number	755E70=1-US
Equipment	Water trap, filter, vacuum meter, vacuum extraction via ball valve
Dimensions WxDxH	14 3/4 x 10 x 8 1/4 inch
Material	Steel
Sound intensity level	60 dB(A)
Suction power	3.5 cfm
End pressure	0.72 psi
Electrical connection in V/Hz/kW	1x 208/ 60/ 0.25
Connecting cable	incl. power plug L6-15P 118 1/8 inch
Hose connection output Ø	1/2 inch
Colour	Light grey (RAL 7035)



755E80=2-US Mobile vacuum pump with tank

Article number	755E80=2-US
Equipment	trolley with handle, filter, vacuum meter, water trap, fill level indicator
Dimensions WxDxH	23 3/8 x 20 1/2 x 32 3/4 inch
Sound intensity level	66 dB(A)
Nominal intake volume	23.54 cfm
End pressure	0,07 psi
Tank volume	6,6 gal
Electrical connection in V/Hz/kW	3x 208 N/PE / 60/ 1,35
Connecting cable	incl. power plug L15-20P
Hose connection output Ø	1 inch
Weight	71 kg
Colour	Light grey (RAL 7035)
To be used for	Vacuum supply for processing thermoplastic materials
Max. delivery rate	23.55 cfm
Tube connection	1" G

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Lamination and Pre-preg

The vapours and gases that arise from the processing and storage of lamination resins and adhesives are hazardous to health and must be exhausted using suitable equipment and in compliance with regulations. This also applies to suspended particles that arise during the processing of glass fibre and carbon fibre mats. Lamination work areas have proved suitable for vacuum-extracting these health-endangering substances. Gases, vapours and suspended particles are extracted with the help of a fan, and the suspended particles are caught with an integrated filter.

Please follow the instructions for processing and storing the lamination resins found on the containers of Otto Bock products. Safety data sheets are available for materials that require labels according to the Ordinance on Hazardous Substances. These EU safety data sheets (SBD) or Material Safety Data Sheets (MSDS) contain all important safety instructions for handling hazardous substances. We can provide you with these data sheets on request, and provide them in compiled form on CD-ROM (Article no. 646C16=GB). The issues of work safety and environmental protection have been duly considered in accordance with state of the art knowledge.

For a list of appropriate protective equipment for products with (risk and safety phrases) hazardous substance symbols, see “Protective Equipment” on page 344. For further information on lamination resins, adhesives, glass fibre and carbon fibre mats, please consult our Materials Catalogue 646K1=GB.

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Accessories for Prepreg-Ovens	45
Lamination workstations	47
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Prepreg-Oven



701E15=USA/ 701E25=USA Prepreg oven

Article number	701E15=USA	701E25=USA
Equipment	6x vacuum distributor with external water trap, model sensor for process control via material temperature, mobile with four locking casters, 2x swinging doors with double-glazed viewing window, interior divisible into three zones with shelves, microprocessor temperature control, touch screen operation, PID controller function, continuously variable temperature 122°F to 482°F, temperature unit switchable °C/°F, timer and ramp functions individually programmable, graphical gradient display, multilingual user interface (DE, EN, FR, IT), interior lighting 2x 25 watt, interior stainless steel, 3x fan motor with reversion of rotation	
Dimensions WxDxH	48 3/8 x 36 1/4 x 61 3/4 inch	48 3/8 x 36 1/4 x 76 3/4 inch
Material	Steel/stainless steel	
Interior dimensions WxDxH	39 3/8 x 24 3/8 x 47 1/4 inch	39 3/8 x 24 3/8 x 70 1/2 inch
Electrical connection in V/Hz/kW	3x 208-230 PE/ 50-60/ 10,2	
Connecting cable	incl. power plug L15-20P	
Colour	Light grey (RAL 7035)	
To be used for	Processing prepreg and thermoplastic materials	

Accessories for Prepreg-Ovens



755X123=* Two-way exhaust pipe (prepreg)

Article number	755X123=3	755X123=4
for	701E15/ 701E25 prepreg oven	
Version	Short	Long
Equipment	Silicone hose, shut-off valve, plug-in nipple	
Temperature range	Up to a maximum of 160 °C	

Lamination workstations

758Z131=1400-US Suction booth for processing prepreg and carbon materials

Article number	758Z131=1400-US
Equipment	Connection to an external fan , lighting, cabinet, roll storage
Dimensions WxDxH	55 1/8 x 29 1/2 x 86 5/8 inch
Air exhaust nozzle Ø	6 1/4 inch
Electrical connection in V/Hz/kW	1x 115 N/PE / 60/ 0.15
Connecting cable	incl. power plug 5-15P
Colour	Light grey (RAL 7035)
To be used for	Processing prepreg and carbon materials



758Z131=1200-US Suction booth for mixing lamination resins

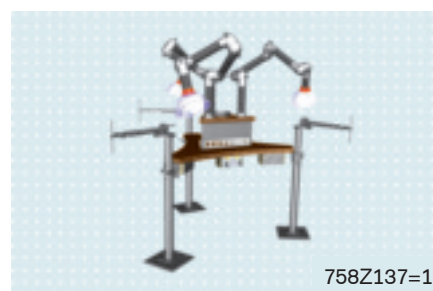
Article number	758Z131=1200-US
Equipment	Connection to an external fan , lighting, cabinet, roll storage
Dimensions WxDxH	47 1/4 x 29 1/2 x 86 5/8 inch
Air exhaust nozzle Ø	6 1/4 inch
Electrical connection in V/Hz/kW	1x 115 N/PE / 60/ 0.4
Colour	Light grey (RAL 7035)
To be used for	Mixing lamination resin, the 758F21 Security storage cabinet can be placed in the cabinet



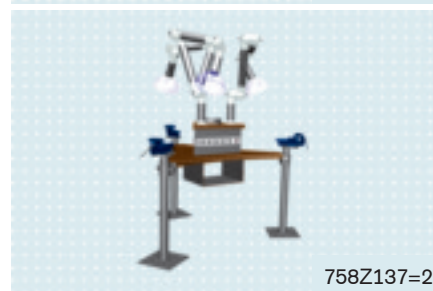
758Z137=* Lamination island

Article number	758Z137=1	758Z137=2
Version	Connection to a central vacuum system, vacuum control box for setting two different vacuum levels, three vacuum intakes	Connection to a decentralised negative pressure system
Dimensions WxDxH	55 1/8 x 55 1/8 x 31 1/2 - 82 5/8 inch	
Colour	Light grey (RAL 7035)	
Scope of delivery	3x 760A40 Suction arms, shelf with suction system and suction openings that can be closed manually, 3x 704G11 Height-adjustable clamping fixtures "Orthofix" for suction pipes, without negative pressure system	

- For adhesive vapour suction, the workstation must be connected to a central suction system. Other models are available upon request.



758Z137=1



758Z137=2

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758Z116=1250

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758Z116=1750

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758Z116=2500

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758Z116=* Lamination workstation

Article number	758Z116=1250	758Z116=1750	758Z116=2500
Version	2 x 704G11 clamping fixtures	3 x 704G11 clamping fixtures	4 x 704G11 clamping fixtures
Equipment	Connection to a vacuum system, e.g. 755E70=* Vacuum pump without tank, vacuum control box for setting two different vacuum levels, top with roll storage and suction slots, 704G11 Clamping fixture for suction pipes "Orthofix", shelf with cutting and gluing worktop, storage rack		
Dimensions WxDxH	49 1/4 x 25 5/8 x 70 7/8 inch	68 7/8 x 25 5/8 x 70 7/8 inch	98 3/8 x 25 5/8 x 70 7/8 inch
Volume flow	Recommended: 383 cfm	Recommended: 500 cfm	Recommended: 618cfm
Material	Steel		
Vacuum connection Ø	1/2 inch		
Air exhaust nozzle Ø	7 1/8 inch	7 7/8 inch	9 7/8 inch
Colour	Light grey (RAL 7035)		

- For adhesive vapour suction, the workstation has to be connected to a central suction system or the 760E15=* top-mount fan for lamination workstations.
- Other models are available upon request.
- Optional accessories:
 - 760E15=* Top-mount fan
 - 760A40 Suction arm (required room height 94 1/2 inch)
 - 758Z184 Film holder (required room height 102 3/8 inch)

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Accessories and tools for lamination workstations

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760E15=* Top-mount fan for lamination workstations

Article number	760E15=3X208V-60HZ	760E15=1X115V-60HZ	760E15=1X230-50/60
Dimensions WxDxH	30 x 13 5/8 x 17 3/8 inch		
Exhaust nozzle Ø	5 7/8 inch		
Volume flow	707 cfm		
Material	Steel		
Electrical connection in V/Hz/kW	3x 208/ 60/ 0.75	1x 115/ 60/ 0.75	1x 230/ 50-60/ 0.75
Connecting cable	78 inch, power plug L15-20P	78 inch, power plug 5-15P	
Colour	Light grey (RAL 7035)		
To be used for	758Z111=* Bench-top cabinet 758Z113=* Lamination workstation for decentralised vacuum system 758Z114=2000 Lamination workstation for central vacuum system 758Z116=* Lamination workstation for central vacuum system		

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755E600=110 Ottobock vacuum machine

Article number	755E600=110
Equipment	Two separately controllable vacuum circuits with 6 pc. vacuum outlets, 3 pc. ball valves for regulating the vacuum, 6 pc. external filters, 2 pc. external water tanks, water tank also serves as vacuum tank, touchscreen incl. timer with alarm function and warning signal when water tank is full, incl. 755Z44 protective film for touchscreen
Dimensions WxDxH	16 7/8 x 15 3/8 x 8 1/4 inch
Pressure, adjustable	6.5 inHG (≈78 %)
Suction power	0.9 cfm
Electrical connection in V/Hz/kW	1 x 110 N/PE / 60/ 0,11
Connecting cable	78 3/4 inch, power plug 5-15P
Colour	Signal white (RAL 9003)
To be used for	For fabricating thin-walled resin laminates, for thermoplastic forming of synthetic materials



755X23 Two-way exhaust pipe

Article number	755X23
Diameter	1 3/8 inch
Length	13 1/4 inch
Vacuum connection Ø	1/4 inch



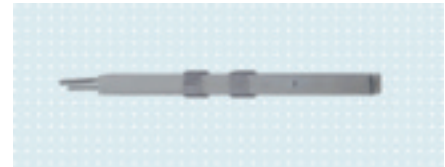
755R6 Two-way suction pipe, straight, Ø 3 1/2 inch

Article number	755R6
Equipment	With gland nuts
Diameter	3 1/2 inch
Material	Steel, galvanised
Length	24 1/4 inch
Connection Ø	1/4 inch



755R100 Two-way vacuum pipe

Article number	755R100
Dimensions WxDxH	1 5/8 x 1 1/8 x 20 1/2 inch
Material	Steel, galvanised
Connection Ø	1/4 inch



704G16=* Suction pipe for lamination

Article number	704G16=1	704G16=2
Version	With holding device	Without holding device



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719S6=* Bandage scissors



Article number	719S6=1	719S6=2	719S6=3
Version	straight	Curved	Curved open
Length	5 1/8 inch		

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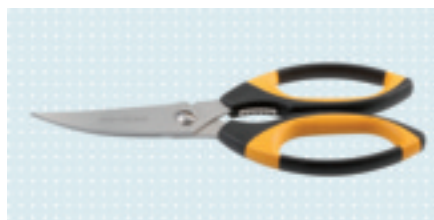
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719S7 Sizing scissors

Article number	719S7
Material	Crucible steel, plastic handles
Length	9 inch
To be used for	Cutting silicone liners

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719S21 Aramid scissors

Article number	719S21
Version	Edge micro-serrated on both sides, curved, Botec cut, soft rubber insert
Material	Stainless steel, plastic handle
Length	7 7/8 inch
To be used for	Heavy aramids

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718H7 Leather knife

Article number	718H7
Version	Tapered blade
Equipment	Wooden handle with brass collar
Blade length	4 7/8 inch

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718H5 Deburring knife

Article number	718H5
Equipment	With protective cape, replaceable blade, plastic-coated handle
Length	6 1/4 inch
To be used for	Plastics

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- Replacement blades:
718Y130 Replacement blade, 1 package = 100 pcs.

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Socket router and dust extraction

The processing of plastic or wood requires high-performance grinding and cutting tools that have access to a central chip and dust suction-exhausting facility. Suction-exhausting chips and health-risk fine dusts in compliance with current regulations requires air-extraction systems that are specifically calculated for the needs of your machine room and customised to your rooms and applications. The suction-exhausting facility must be designed in such a way that a minimum air speed of 20 m/s and a negative pressure of 771 Pa are maintained at each workstation. We would be pleased to provide our assistance in setting up a dust suction-exhausting facility.

Socket router	54
Accessories for socket router	56
Belt sander	60
Accessories for belt sander	60
Dust collector	61

Socket router



701F30=2 Socket router with integrated suction system

Article number	701F30=2
Equipment	Height-adjustable 2-level motor, integrated independently switchable high-power suction system, suction connection for another machine, vibrator for automatic de-dusting, anti-static filter material for carbon particle exhaust, direct separation of chippings into a mobile chippings receptacle (for use without additional disposable bags for chippings)
Electrical equipment	Main safety switch, control elements consisting of 4-level selection switch, on-off switch, vibrator signal lamp, manual vibration trigger, emergency power shut-off foot switch
Dimensions WxDxH	76 3/4 x 28 3/8 x 76 inch
Nominal volume flow	500 cfm
Option of height adjustment	Manual adjustment of the router shaft
Work surface height	35 3/8 x 47 1/4 inch
Space requirements WxD	76 3/4 x 28 3/8 inch
Filter surface area	126 square inch
Connection nozzle Ø	Without adapter: 4 7/8 inch With included adapter: 3 7/8 inch
Sound intensity level	< 70 dB(A)
Accent colour	Anthracite grey (RAL 7016)
Filter material	Antistatic, suitable for carbon dust
Residual dust content	H3 < 0.1 mg/m³ is reliably maintained
Electrical connection in V/Hz/kW	3 x 208 PE / 60 / 3.0
Motor RPM	1,500/3,000 min ⁻¹
Connecting cable	Approx. 196 7/8 inch connection cable with US plug type NEMA L15-20P, 3 poles, 4 wires, earthing 250V/20A
Router shaft length	18 1/8 inch
Colour	Light grey (RAL 7035)
To be used for	Suitable for machining orthopaedic materials such as plaster, plastic, carbon
Scope of delivery	Includes: 1x 702F93=1 shaft guard, long 1x 702F41=2 shaft guard, short 1x 502K2=5/8" thread protector nut 1x 702F7=5/8" threaded stud 1x 702F7=1/2"-13 threaded stud 1x 702F6=27 open-end spanner, 27 mm 1x mounting set for bolting the machine to the floor

- For reducing sound transmission, we recommend 2x 702F31=105X8 insulation mats.
- For stability, this machine should be bolted to the floor.
One mounting set included.
- Accessories can be found starting on page 57.

701F60 Pro-Fit 1000 Vario socket router

Article number	701F60
Equipment	Manual height adjustment, milling shaft horizontally and vertically adjustable, continuous speed control, 5/8" milling shaft thread, adapter from 5/8" to 1/2"-13 thread, shaft protector short and long
Dimensions WxDxH	34 x 26 3/8 x 44 1/2 - 60 1/4 inch
Option of height adjustment	Manual height adjustment, 44 1/2 - 60 1/4 inch
Sound intensity level	68 dB(A)
Electrical connection in V/Hz/kW	1x 115/ 60/ 0.75
Motor RPM	Variable rotation speed, max. 3,600 RPM
Connecting cable	118 1/8 inch, power plug 5-15P
Router shaft length	13 3/4 inch
Weight	216 lbs
Colour	Light grey (RAL 7035)
Scope of delivery	Includes: 1x 702F280=1 mounting set 1x JAM-08.99.9437.0 shaft guard, long 1x JAM-08.99.9450.0 shaft guard, short 2x 702F6=27 open-end spanner, 1 1/8 inch 1x 702F7=1/2"-13 threaded stud, for tools with 1/2"-13 thread without exhaust arm

- For stability, this machine should be bolted to the floor. The 702F280=1 mounting kit is included.
- Optional accessories:
- 702F203 Exhaust arm with suction hood (Ø 3 7/8 inch)
- Accessories can be found starting on page 57.



701F40=1-US Pro-Fit 2000 Vario socket router

Article number	701F40=1-US
Equipment	Steel machine body, 5/8" milling shaft thread, adapter from 5/8" to M16 and from 5/8" to 1/2"-13 thread, suction hood, shaft guard short and long, exhaust nozzle for external suction system, tool set for changing the socket router cutters, tool holder
Dimensions WxDxH	48 x 31 1/2 x 61 3/8 inch
Exhaust nozzle Ø	4 7/8 inch
Option of height adjustment	No
Work surface height	39 3/8 inch
Sound intensity level	69 dB(A)
Accent colour	Anthracite grey (RAL 7016)
Electrical connection in V/Hz/kW	1x 208 PE / 60 / 2,2
Motor RPM	Variable rotation speed, max. 3,500 RPM
Connecting cable	98 inch, power plug L6-15P
Router shaft length	15 1/2 inch
Colour	Light grey (RAL 7035)
Chip suction	Connection to a central chippings extraction system with a minimum air velocity of 20 m/s (exhaust nozzle diameter 125 mm)
Scope of delivery	Includes: 2x 702F6=27 open-end spanner, 27 mm 1x 702F192 chip extraction shroud, complete 1x 702F7=5/8" threaded stud, for tools with 5/8" thread 1x 702F7=M16 threaded stud, for tools with M16 thread 1x 702F7=1/2"-13 threaded stud, for tools with 1/2"-13 thread 1x 702F280=1 mounting set 1x 502K2=5/8" thread protector nut, 5/8" inside thread 1x 702F195 shaft guard, long 1x 702F196 shaft guard, short

- For stability, this machine should be bolted to the floor. The 702F280=1 mounting kit is included.
- Accessories can be found starting on page 57.





701F41=US Pro-Fit 3000 socket router

Article number	701F41=US
Equipment	Electric height adjustment, 5/8" milling shaft thread, adapter from 5/8" to M16 thread, adapter 5/8" to 5/8", adapter from 5/8" to 1/2"-13 thread, suction hood, shaft protector short and long, exhaust nozzle for external suction system, tool set for changing the socket router cutters, exhaust arm with clamping lever for positioning, tool holder, integrated pneumatic gate valve, connection for external compressor (Ø 3/8 inch), 118 1/8 inch compressed air hose (Ø 3/8 inch), milling shaft horizontally and vertically adjustable, continuous speed control
Dimensions WxDxH	45 1/4 x 36 5/8 x 65 inch
Exhaust nozzle Ø	4 7/8 inch
Option of height adjustment	Electric height adjustment, 15 3/4 inch
Speed	Variable rotation speed, max. 3,500 RPM
Accent colour	Anthracite grey (RAL 7016)
Electrical connection in V/Hz/kW	1x 208 PE/ 60/ 2.2
Connecting cable	98 inch, power plug L6-15P
Router shaft length	15 1/2 inch
Colour	Light grey (RAL 7035)
Chip suction	Connection to a central chippings extraction system with a minimum air velocity of 20 m/s (exhaust nozzle diameter 4 7/8 inch)
Scope of delivery	Includes: 2x 702F6=27 open-end spanner, 1 1/8 inch 1x 702F192 chip extraction shroud, complete 1x 702F7=5/8" threaded stud, for tools with 5/8" thread 1 x 702F7=M16 threaded stud, for tools with M16 thread 1 x 702F7=1/2"-13 threaded stud, for tools with 1/2"-13 thread 1x 702F280=1 mounting set 1x 502K2=5/8" thread protector nut, 5/8" inside thread 1x 702F195 shaft guard, long 1x 702F196 shaft guard, short

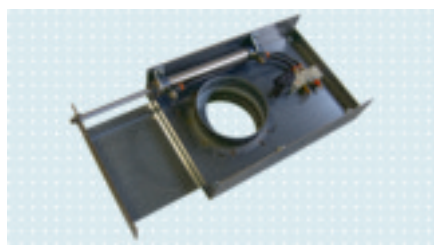
- For stability, this machine should be bolted to the floor. The 702F280=1 mounting kit is included.
- The 702F191 LED lamp is not included in the scope of delivery.
- Accessories can be found starting on page 57.

Accessories for socket router



625S70=* Electrical box

Article number	625S70=3x208V-US	625S70=1x208V-US	625S70=1x115V-US
For machines	For machines with 3x 208V electrical connection, max. 10 ampere	For machines with 1x 208V electrical connection, max. 10 ampere	For machines with 1x 115V electrical connection, max. 10 ampere
Connecting cable	power plug L15-20P	power plug L6-15P	power plug 5-15P
To be used for	The electrical box is needed to enable the automatic start-up and slide control of machines without potential-free contact.		



702Y141=* Pneumatic gate slide, 24V DC

Article number	702Y141=100	702Y141=125	702Y141=150	702Y141=S100	702Y141=S125	702Y141=S150
Version	Switch not included			Switch included		
Dimensions WxDxH	16 1/2 / 25 5/8 x 10 5/8 x 5 7/8 inch					
Diameter	3 7/8 inch	4 7/8 inch	5 7/8 inch	3 7/8 inch	4 7/8 inch	5 7/8 inch
Material	Galvanised					
Volt	24					

702F7=* Threaded studs

Article number	702F7=5/8"	702F7=M16	702F7=1/2"-13
Equipment	Milling shaft, 5/8" thread		
For machines	701F39, 701F40=1, 701F41, 701F43 Pro-Fit socket router 701F30=* socket router with integrated suction system		
Tool attachment	5/8" thread	M16 thread	1/2"-13 thread
To be used for	Receiver for 5/8" tools	Receiver for M16 tools	Adapter for 1/2"-13 tools



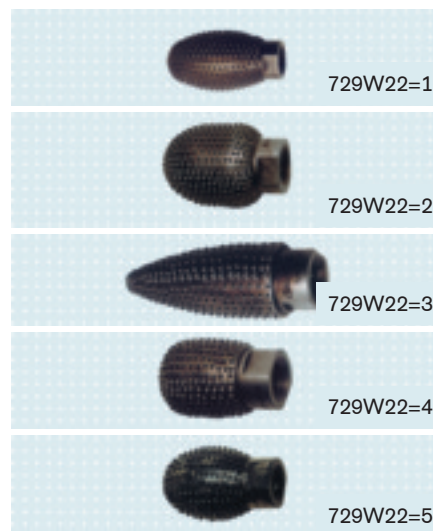
758Y270 / 758Y272 Tool holder

Article number	758Y270	758Y272
Version	27 tool holder	21 tool holder
Dimensions WxDxH	29 1/2 x 3 3/8 x 19 5/8 inch	22 7/8 x 22 7/8 x 4 1/8 inch
Colour	Light grey (RAL 7035)	
To be used for	Wall mounting, storage of grinding and milling tools	



729W22=* Rasp milling tools

Article number	729W22=1	729W22=2	729W22=3	729W22=4	729W22=5
Material	Tool steel				
Thread	1/2"-13				
Cut	Medium				
Height x Ø	3 3/8 x 2 inch	2 3/8 x 2 inch	2 3/4 x 1 1/8 inch	1 5/8 x 1 3/8 inch	2 x 1 5/8 inch
To be used for	Machining wood, Pedilen and foam				



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749F6 Sanding drum, Outside-Ø 2 7/8 inch

Article number	749F6	749F6=T
Equipment	With conical attachment, 1 sanding sleeve (80 grit)	
Material	Integral foam	
To be used for	Sliding onto the shaft of Ottobock grinding and milling machines	Sliding onto shaft of Trautman grinding machines

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749F6=T

- Sanding sleeves:
 - 749Y8=73x200x24 - 24 grit
 - 749Y8=73x200x40 - 40 grit
 - 749Y8=73x200x60 - 60 grit
 - 749Y8=73x200x80 - 80 grit
 - 749Y8=73x200x100 - 100 grit
 - 749Y8=73x200x150 - 150 grit

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749Z7=* Ottobock polisher

Article number	749Z7=1/2"x45	749Z7=1/2"x60
Equipment	Including a sanding sleeve, 80 grit	
Diameter	1 3/4 inch	2 3/8 inch
Material	Tool steel holder, rubber abrasive body	
Thread	1/2"-13	
Width	2 3/4 inch	

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- Sanding sleeves for 749Z7=1/2"x45:
 - 749Y16=A45 - 40 Grit
 - 749Y16=B45 - 80 Grit
 - 749Y16=C45 - 120 Grit
- Sanding sleeves for 749Z7=1/2"x60:
 - 749Y16=A60 - 40 Grit
 - 749Y16=B60 - 80 Grit
 - 749Y16=C60 - 120 Grit

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749Z8=1/2"x25 Sanding drum

Article number	749Z8=1/2"x25
Equipment	With rubber tensioner, with one sanding sleeve (150 grit)
Diameter	1 inch
Thread	1/2"-13
Length	1 3/4 inch

- Sanding sleeves for 749Z8=1/2"x25:
 - 749Y22=A25 - 40 Grit
 - 749Y22=C25 - 120 Grit

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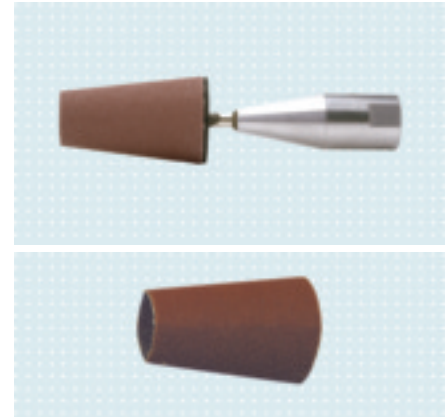
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749Z9=1/2" Sanding cone

Article number	749Z9=1/2"
Equipment	With rubber roll, with one sanding sleeve (80 grit)
Diameter	7/8 - 1 3/8 inch
Thread	1/2"-13
Length	2 3/8 inch

- ◉ Sanding sleeves for 749Z9=1/2":
749Y26=40 - 40 Grit
749Y26=80 - 80 Grit
749Y26=150 - 150 Grit



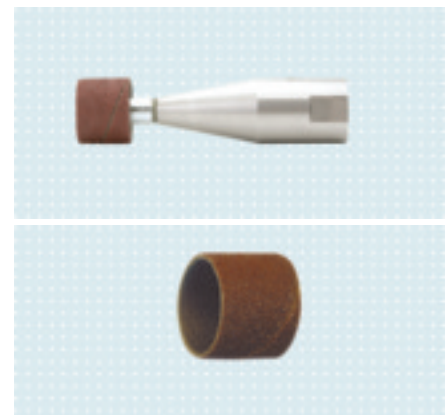
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749Z6=* Sanding drum

Reference number	749Z6=1/2"X22	749Z6=1/2"X30
Equipment	With rubber tensioner, with one sanding sleeve (40 grit)	
Diameter	7/8 inch	1 1/8 inch
Thread	1/2"-13	

- ◉ Sanding sleeves for 749Z6=1/2"X22:
749Y9=A22 - 60 Grit
749Y9=C22 - 150 Grit
- ◉ Sanding sleeves for 749Z6=1/2"X30:
749Y90=40 - 40 Grit, special version for sanding composites and carbon
749Y9=A30 - 60 Grit
749Y9=C30 - 150 Grit



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749F8=* Sanding cone

Article number	749F8=1/2"X45	749F8=1/2"X65
Equipment	With one sanding sleeve (40 grit)	
Diameter	1 3/4 inch	2 1/2 inch
Thread	1/2"-13	
To be used for	Processing socket bases, contact sockets, etc.	

- ◉ Sanding sleeves for 749F8=1/2"X45 (Only sold in package units - 6 pieces):
749Y10=A45 - 40 Grit
749Y10=B45 - 80 Grit
- ◉ Sanding sleeves for 749F8=1/2"X60 (Only sold in package units - 6 pieces):
749Y10=A65 - 40 Grit
749Y10=B65 - 80 Grit



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749F16=1/2 Silicone sanding cones

Article number	749F16=1/2
Thread	1/2"-13
To be used for	for polishing and rounding edges of thermoplastic materials
Scope of delivery	749F16=1/2-1 Cone, tapered 749F16=1/2-2 Cone, tapered and pointed 749F16=1/2-3 Cone, round 749F16=1/2-4 Cone, round with grooves



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Belt sander

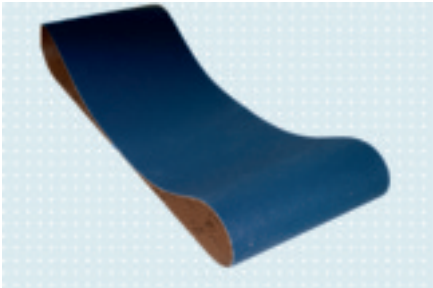


701P250=1-US Belt sander

Article number	701P250=1-US
Dimensions WxDxH	28 x 34 5/8 x 70 1/3 inch
Exhaust nozzle Ø	4 7/8 inch
WxD space requirements	88 1/4 x 68 1/8 inch
Belt width	12 5/8 inch
Belt speed	236 - 630 inch/s
Electrical connection in V/Hz/kW	1x 208/ 60/ 2,2
Connecting cable	118 1/8 inch, power plug L6-15P
Colour	Light grey (RAL 7035)
Version	Effective grinding height 17 3/4 inch, pneumatic belt tension, light bar, integrated floor suction, dust extractionon the abrasive belt, variable speed control, incl. 649G60=2175X320 sanding belt

ⓘ Compressed air at approx. 87 psi must be supplied on site for operation.

Accessories for belt sander



649G60=2175X320 Sanding belt

Article number	649G60=2175X320
for	701P250=* Belt sander
Length	85 5/8 inch
Grit	40
Width	12 5/8 inch

Dust collector

701Z125=* Dust collector

Article number	701Z125=US	701Z125=1x208V-US
Equipment	Vacuum resistant housing, antistatic filter element with vibration dedusting (automatic with run-time addition), high-performance centrifugal fan with three-phase motor of energy efficiency class IE3, integrated muffler, air outlet grid, 2 caster and 2 fixed wheels, chip container with bag	
Dimensions WxDxH	29 1/2 x 42 1/8 (52) x 75 inch	
Exhaust nozzle Ø	4 7/8 inch	
Volume flow	735 cfm	
Nominal volume flow	518 cfm	
Filter surface area	4,8 m ²	
Sound intensity level	61 dB(A)	
Accent colour	Anthracite grey (RAL 7016)	
Residual dust content	< 0,1 mg/m ³	
Dust collection volume	43.59 gal	
Electrical connection in V/Hz/kW	3x 208 PE/ 60/ 2.2	1x 208/ 60/ 2.2
Connecting cable	118 inch, power plug L15-20P	118 inch, power plug L6-15P
Weight	750 lbs	
Colour	Light grey (RAL 7035)	
To be used for	Mobile extraction system, designed to capture, transport and separate dry materials such as wood and plastic dust and shavings. The dust collector is suitable for connecting 1 socket router at the same time.	
Version	Compact, space-saving design, optimal dust collection achieved by effective pre-separation and highly effective filtration, high level of device efficiency achieved by means of a ventilating fan placed at the clean-gas side, high extraction performance, long filter service life, easy to handle and operate	

- The criteria for the H3 test mark (residual dust content < 0.1 mg/m³) are met.



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701Z15=US Dust collector

Article number	701Z15=US
Equipment	Pre-separator with suction port and non-return valve, separator with antistatic filter unit and jet pulse cleaning, fan cell with 3 kW motor, chip container with bag, electrical circuit with flow rate monitor
Electrical equipment	Switch cabinet with main switch and integrated restart inhibit, filter monitor with signal lamp, gate slide control, max. 8 machines
Dimensions WxDxH	59 7/8 (73 1/4) x 29 1/2 x 77 3/4 inch
Exhaust nozzle Ø	7 1/8 inch
Volume flow	1471.44 cfm
Nominal volume flow	1077.09 cfm
Filter surface area	9.6 m²
Sound intensity level	65 dB(A)
Accent colour	Anthracite grey (RAL 7016)
Dust collection volume	43.59 gal
Electrical connection in V/Hz/kW	3 x 208 / 60 / 3.0
Connecting cable	118 inch, power plug L15-20P
Colour	Light grey (RAL 7035)
To be used for	Mobile dust collector, designed to capture, transport and separate dry materials such as wood and plastic dust and shavings. This Dust Collector is suitable for connecting 2 machines simultaneously.
Scope of delivery	incl. 3 pcs. 702F25=5 disposable bag for chippings
Version	Solid compact design, optimal dust collection achieved by pre-separation and effective filtration, high level of efficiency achieved by means of a ventilating fan placed at the clean-gas side, superior dust collection performance, durable, long-life filter. Easy to handle and operate.

- Compressed air at approx. 87 - 116 psi supplied by the customer is required to operate the dust collector.



701Z80=US Dust collector V80 Compact All-in-One

Article number	701Z80=US
Equipment	Suction performance regulated by frequency controller, exhaust nozzle top left, air return via filter system, motorised cleaning, fine particle filter, 99.99% cleaning performance, slide control, controller for automatic start-up of processing machines with potential-free contact, touch screen control
Dimensions WxDxH	63 x 33 5/8 x 78 inch
Nominal volume flow	1765 cfm
Sound intensity level	59 dB(A)
Electrical connection in V/Hz/kW	3x 208 / 60 / 3.0
Connecting cable	196 7/8 inch, power plug L15-20P
Weight	560 kg
Colour	Light grey (RAL 7035)
To be used for	Connecting three socket routers at the same time
Connection Ø	7 7/8 inch
Chippings collection volume	25 gal

701Z85=US Dust collector V80 Compact All-in-One I-LCC

Article number	701Z85=US
Equipment	Suction performance regulated by frequency controller, exhaust nozzle top left, air return via filter system consisting of filter cassette with bag filters, fine filter, ultra-fine filter, motorised cleaning, 99.99% cleaning performance, slide control, controller for automatic start-up of processing machines with potential-free contact, touch screen control, fire extinguishing system, mobile chip collection drum
Dimensions WxDxH	95 1/4 x 35 x 94 1/2 inch
Nominal volume flow	3354.89 cfm
Sound intensity level	59 dB(A)
Electrical connection in V/Hz/kW	3 x 208 / 60 / 5.5
Connecting cable	196 7/8 inch, power plug L15-20P
Colour	Light grey (RAL 7035)
To be used for	Suitable for connecting five socket routers at the same time
Connection Ø	9 7/8 inch
Chippings collection volume	31.17 gal



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Tools and Workshop Equipment

Numerous tools and hand power tools are required to fabricate and repair prostheses, orthoses and orthopaedic appliances. Clearly arranged storage and placement of these objects ensures quick access and order at the workplace. Available oiled and unoiled compressed air as well as a sufficient number of electric sockets at the workplace prevents unnecessary paths and increases efficiency.

This allows for fast, high quality fabrication and repair of prostheses, orthoses and orthopaedic appliances.

The primary aim is to reduce the costs for fitting and repair in accordance with the practice requirements.

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Workbenches



758A65=* Workbench for processing adhesives, with integrated suction

Article number	758A65=1.5-US	758A65=2-US
Equipment	Exhaust nozzle right (diameter 5 7/8 inch), cabinet right, gluing worktop with edge suction, multiplex worktop, suction top with shelf (depth 7 7/8 inch), lighting and suction slots that can be closed	
Dimensions WxDxH	59 x 29 1/2 x 46 inch	78 3/4 x 29 1/2 x 46 inch
Exhaust nozzle Ø	5 7/8 inch	
Work surface height	29 1/2 inch	
Accent colour	Anthracite grey (RAL 7016)	
Electrical connection in V/Hz/kW	3x 208/ 60/ 0.4	
Connecting cable	power plug L15-20P	
Colour	Light grey (RAL 7035)	

- Due to the exhaust nozzle on the right side, 7 7/8 inch of space for the exhaust air duct has to be allowed on the right next to the workbench for processing adhesives.



758A81=1

758A81=* Workbench with drawer unit

Article number	758A81=1	758A81=2	758A81=3	758A81=4
Version	Drawer unit right, four drawers, cylinder lock with two keys for locking the drawers, steel roller bearings, drawer extends up to 90% of the overall length, handle strip that can be labelled			
Height adjustment range	36 - 32 1/4 inch	26 - 32 1/4 inch	33 1/2 - 39 3/4 inch	
Material	1 5/8 inch multiplex beech wood worktop, welded steel frame			
Cabinet dimensions WxDxH	22 1/4 x 22 1/2 x 21 5/8 inch			
Width	59 inch	78 3/4 inch	59 inch	78 3/4 inch
Load capacity	176 lbs per drawer			
Number of drawers	2x 3 inch, 1x 3 7/8 inch, 1x 7 7/8 inch			
Colour	Light grey (RAL 7035)			

- Other dimensions available upon request. The workbench is delivered **assembled**.

758A82=* Workbench with drawer cabinet

Article number	758A82=1	758A82=2	758A82=3	758A82=4
Version	Drawer cabinet right, cylinder lock with two keys for locking the drawers, steel roller bearings, drawer extends up to 90% of the overall length, handle strip that can be labelled			
Height	29 1/8 inch		35 inch	
Material	1 5/8 inch multiplex beech wood worktop, welded steel frame			
Cabinet dimensions WxDxH	22 1/4 x 28 1/2 x 27 1/2 inch		22 1/4 x 28 1/2 x 33 1/2 inch	
Width	59 inch	78 3/4 inch	59 inch	78 3/4 inch
Load capacity	176 lbs per drawer			
Number of drawers	3 drawers (1x 5 7/8 inch, 1x 7 7/8 inch, 1x 9 7/8 inch)		6 drawers (2x 3 inch, 2x 3 7/8 inch, 2x 7 7/8 inch)	
Colour	Light grey (RAL 7035)			



Other dimensions available upon request. The workbench is delivered **assembled**.

Accessories for workbenches

704Y700 Vice lift with floor column

Article number	704Y700
Equipment	Includes mounting materials for bolting to floor and workbench, height-adjustable and rotating mounting plate; pre-drilled
Dimensions WxDxH	7 1/4 x 8 1/4 x 30 3/8 - 42 1/8 inch
Suitable for workbenches with a work surface height of	33 1/2 inch and 35 inch
Height adjustment range	34 5/8 - 42 1/8 inch
Material	Steel
Colour	Light grey (RAL 7035)
To be used for	Mounting on the workbench, as freestanding version only with 704Y300 Floor plate



704B1=* Vice

Article number	704B1=100-1.2	704B1=120-1.2	704B1=140-1.2	704B1=160-1.2
Version	Opens forward			
Equipment	Surface-hardened clamping jaws, adjustable, hardened guide rail, hardened anvil, mounting device for jaw protectors, measuring scale for quick pre-adjustment of the clamping width, round, stable, forged vice base, without mounting materials			
Material	Forged steel			
Jaw width	3 7/8 inch	4 3/4 inch	5 1/2 inch	6 1/4 inch
Jaw opening	4 7/8 inch	5 7/8 inch	7 7/8 inch	8 7/8 inch
Hole spacing	3 1/2 inch	4 1/2 inch	5 3/4 inch	
Colour	Anthracite grey (RAL 7016)			



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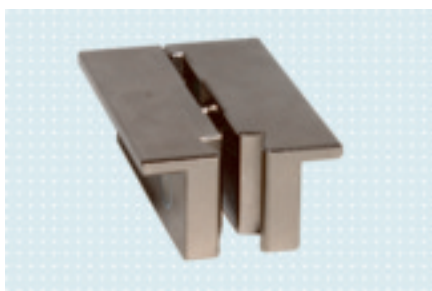


704Y5=* Vice rotating base

Article number	704Y5=100-1.2	704Y5=120-1.2	704Y5=140-1.2
Equipment	360° rotation range, without mounting materials		
For vice	704B1=100-1.2	704B1=120-1.2	704B1=140-1.2, 704B1=160-1.2
Material	Steel		
Colour	Anthracite grey (RAL 7016)		

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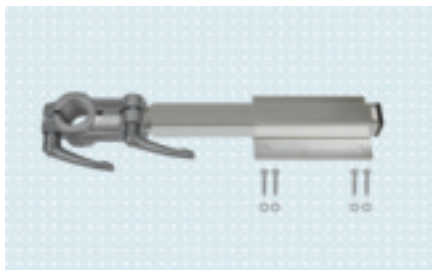
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704Y40 Vice jaws for pyramid adapter

Article number	704Y40
Version	Openings on the side and top for holding prosthesis components with pyramid adapter, magnetic for easy attachment to the vice jaws
Material	Steel, galvanised
Length	3 7/8 inch
To be used for	Horizontal or vertical clamping of pyramid adapters

4



755X223 Bracket

Article number	755X223
Version	Tube with attachment plate for clamping in the vice or installation under the workbench, swiveling clamping piece for exhaust tube
Dimensions WxDxH	3 7/8 x 3 1/2 x 17 3/4 inch

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704G300 Clamping device

Article number	704G300
Version	Swivels horizontally and vertically
Base plate	5 7/8 x 5 7/8 inch
Total height (without clamping lever)	9 1/2 inch
Ø of support	1 3/8 inch
To be used for	Clamping suction pipes Processing plaster models

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704G8 Pipe vice

Article number	704G8
Equipment	Hinged design with automatically closing securing hook, drop forged movable jaw, movable jaw and fixed jaw exchangeable, gripping surfaces milled and hardened, strong spindle with adjustable T-handle
Jaw opening	2 3/8 inch
Colour	blue
To be used for	For pipes up to 2 inches

9

Tools

711S1=* Bending iron

Article number	711S1=6X4	711S1=8X6	711S1=9X7
Version	straight jaws		
Material	CV steel		
Jaw opening	1/8 and 1/4 inch	1/4 and 3/8 inch	1/4 inch and 3/8 inch
Length	9 5/8 inch		



711S4=* Bending iron

Article number	711S4=3X3.5	711S4=6X4	711S4=8X6
Version	rounded jaws		
Material	CV steel		
Jaw opening	1/8 inch	1/8 and 1/4 inch	6 and 8 mm 1/4 and 3/8 inch
Length	9 5/8 inch		



711S5 Bending iron

Article number	711S5
Version	round jaws
Material	CV steel
Jaw opening	1/8 and 1/4 inch
Length	12 1/4 inch



709S15=* Allen screwdriver

Article number	709S15=2	709S15=2.5	709S15=3	709S15=4	709S15=5	709S15=6	709S15=8	709S15=10
Material	Nickel-plated CV-steel, plastic T-handle							
Key size	2 mm (1/8 inch)	2,5 mm (1/8 inch)	3 mm (1/8 inch)	4 mm (1/8 inch)	5 mm (1/4 inch)	6 mm (1/4 inch)	8 mm (3/8 inch)	10 mm (3/8 inch)
Blade length	3 7/8 inch							



710D4 Torque wrench, 35 - 265.4 lbf. in.

Article number	710D4
Version	1/4" square drive
Equipment	Adjustable and readable torque value
Measurement range	35 - 265.4 lbf. in. (4 - 30 Nm)
Total wrench length	9 5/8 inch
Scope of delivery	Includes hex insert (bit) 710Y2=3, 710Y2=4, 710Y2=5, 710Y2=6, 710Y2=8, 710Y2=10



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710D12 Torque wrench, 18 - 106 lbf. in.

Article number	710D12
Version	1/4" square drive
Equipment	Adjustable and readable torque value, includes calibration certificate
Measurement range	18 - 106 lbf. in. (2 - 12 Nm)
Total wrench length	8 1/4 inch
Scope of delivery	Includes hex insert (bit) 710Y2=3, 710Y2=4, 710Y2=5

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710D20 Torque wrench, 8.85 - 221.26 lbf. in.

Article number	710D20
Version	1/4" square drive
Equipment	Adjustable and readable torque value, includes calibration certificate
Measurement range	8.85 - 221.26 lbf. in. (1 - 25 Nm)
Total wrench length	11 1/2 inch
Scope of delivery	No hex insert (bit) included

4



710Y2=* Hex bit

Article number	710Y2=3	710Y2=4	710Y2=5	710Y2=6	710Y2=8	710Y2=10
for	710D1 (old version), 710D4 710D12			710D1 (old version), 710D4		
Version	1/4" square drive					
Material	Chrome-vanadium					
Key size	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Shaft length	1 1/8 inch	1 3/4 inch				
Torque	Max. permissible: 10.5 Nm	Max. permissible: 20 Nm	Max. permissible: 25 Nm	Max. permissible: 40 Nm	Max. permissible: 45 Nm	Max. permissible: 60 Nm

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710D21 Torque wrench, 2.65 - 10.62 lbf. in.

Article number	710D21
Version	1/4" hexagon head drive
Equipment	Numerical torque display, click signal
Measurement range	2.65 - 10.62 lbf. in. (0,3 - 1,2 Nm)
Total wrench length	6 1/8 inch
Scope of delivery	No hex insert (bit) included

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710Y21=* Bits for Hexagon Socket Screws

Article number	710Y21=2	710Y21=3	710Y21=4	710Y21=5	710Y21=6
for	Hexagon socket screws				
Equipment	Hex-Plus, tough, for universal use				
Key size	2 mm	3 mm	4 mm	5 mm	6 mm
Shaft length	3 1/2 inch				
To be used for	710D21 torque wrench				
Version	1/4" hexagon, suitable for DIN ISO 1173-D 6.3 bit holders				

9

718H5 Deburring knife

Article number	718H5
Equipment	With protective cape, replaceable blade, plastic-coated handle
Length	6 1/4 inch
To be used for	Plastics

- Replacement blades:
718Y130 Replacement blade, 1 package = 100 pcs.



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718S2 Deburring knife

Article number	718S2
Version	Movable and replaceable blade, blade holder extends up to 100 mm
Material	Plastic magazine handle
To be used for	Plastic and metals

- Replacement blade:
718Y2 Replacement blades, 1 package = 10 pcs.



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718R1 Tube deburring device

Article number	718R1
Diameter	1 5/8 inch
To be used for	For interior and exterior



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719R4 Tube cutter

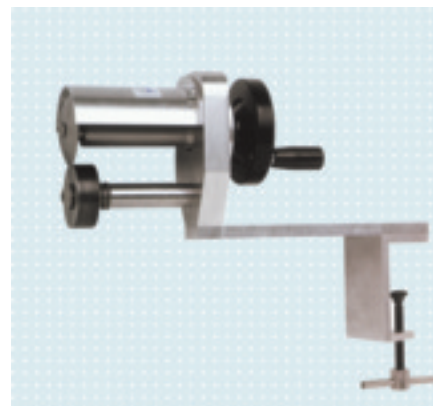
Article number	719R4
Version	Especially compact and handy design, cutting wheel for especially long service lives and especially suitable for stainless steel
Equipment	Integrated deburring knife, replacement cutting wheel in the handle, interchangeable cutting wheel
Length	7 1/4 inch
To be used for	For trimming and deburring stainless steel tubes, suitable for tubes with diameters 1/4 - 1 3/8 inch



6

756L9 Ottobock cutter

Article number	756L9
Cutting height	1/4 inch
Cutting width	2 inch
To be used for	Cutting silicone and PU liners: rounded cutting edges, liners will not tear on the cutting edge, to mount on workbench tops up to 2 inch thick



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756L10 Liner trimmer

Article number	756L10
To be used for	Trimming and beveling the proximal end of gel liners in one work step. The liner trimmer leaves a smooth edge.

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719S20 Scissors for synthetic fibres
Special scissors for cutting synthetic fabrics

Article number	719S20
To be used for	Cutting TF Adapt liners, liners with textile coating

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719G3 Bandage scissors

Article number	719G3
Version	With excentric lock, lower blade toothed
Material	Stainless steel
Length	6 1/4 inch

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719S6=* Bandage scissors



Article number	719S6=1	719S6=2	719S6=3
Version	straight	Curved	Curved open
Length	5 1/8 inch		

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719L1 Leather scissors

Article number	719L1
Version	Curved, with toothed blade, painted handles
Material	Forged steel
Length	230 mm
Length	9 inch

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756E2=110V "Triac" hot air gun

Article number	756E2=110V
Version	Continuously adjustable temperature and air flow
Temperature range	104 - 1292 °F
Air volume	8.5 cfm
Electrical connection in V/Hz/kW	1 x 120 N/PE / 50/60 / 1.6
Connecting cable	with US plug
Round nozzle Ø	(interchangeable) 1/4 inch



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756E11=110V "Ghibli" hot air gun

Article number	756E11=110V
Version	Continuously adjustable temperature, two air flow levels
Equipment	With 1/4 inch standard nozzle
Temperature range	68 - 1112 °F
Air volume	Level 1: 10.60 cfm Level 2: 12.36 cfm
Electrical connection in V/Hz/kW	1 x 110 N/PE / 50/60 / 1.56
Connecting cable	3 m with two-pin earthed plug
Standard nozzle Ø	1/4 inch



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