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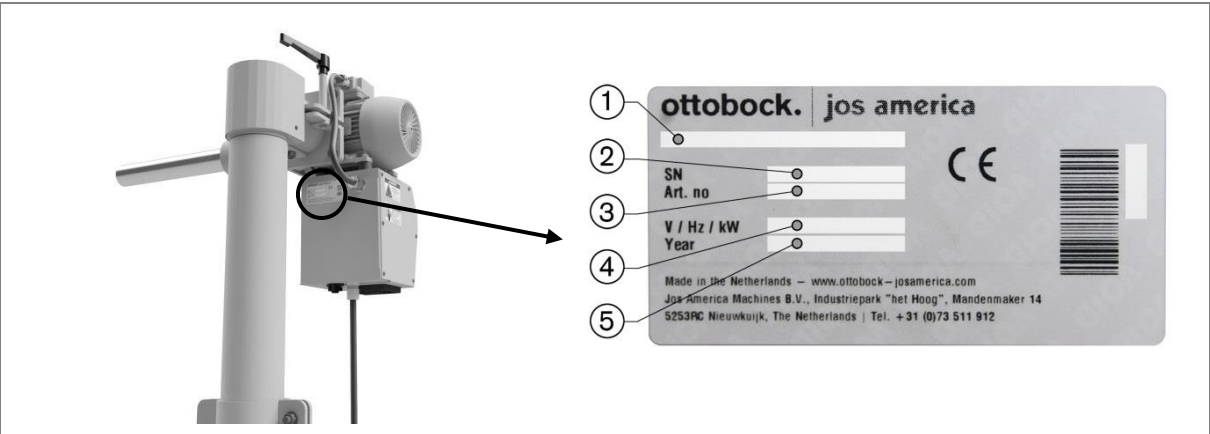
1. Important information on the document

	<p>WARNING</p> <p>Operating this product without following the operating instructions may result in death or very serious injuries as a result of following improper procedures.</p> <ul style="list-style-type: none"> ▶ Study the operating instructions if you are to work with this product ▶ Familiarise yourself with the structure and contents of the operating instructions by reading the 'Scope of the document' section. ▶ It is important to go through the 'Product description' section and the safety instructions in sections relating to the work to be performed. ▶ Always keep these operating instructions with the product.
	<p>The information set out opposite this symbol is intended to prevent serious injuries and/or death; always read this information carefully. The activity is only to be continued if the correct safety precautions have been taken.</p>

1.1 Scope of the document

This document relates to one or more of the products below:

Reference number	Machine designation
701F60	Socket router 'Pro-fit 1000'
701F60=230	Socket router 'Pro-fit 1000'
701F60=1-5	Socket router 'Pro-fit 1000'



Data plate key	
1	Product name
2	Product serial number
3	Product article number
4	Voltage in volts/Frequency in Hz/Power in kW
5	Product year of manufacture

1.2 *Document release date*


Release date [day-month-year]	Version number
13-11-2019	1946

1.3 *Original operator's manual information*

This manual was created as the original operator's manual in the Dutch language. This manual in any other language is a translation of the original.

2. Product description

2.1 *Intended use*

	<p>WARNING</p> <ul style="list-style-type: none"> ▶ Use this product exclusively for the intended use. ▶ The manufacturer is only liable to the extent that the 'Pro-Fit 1000' is used in accordance with the instructions. ▶ You are advised to maintain this product in accordance with the manual.
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The product was designed for the following areas of application:

Intended production methods

- ▶ Milling
- ▶ Grinding
- ▶ Pre-processing
- ▶ Polishing

Material to be processed

- ▶ Wood
- ▶ Pedilen and Pedilin
- ▶ Plastics
- ▶ Foams
- ▶ Composites

These materials are fed manually. Care should therefore be taken when feeding and guiding the materials.

Intended tools

- ▶ Ottobock Equipment tools suitable for both the production method and the material from which the workpiece is made.

Intended installation




- ▶ Orthopaedic workshops

User training level

- ▶ Only to be used by qualified employees.
- ▶ Maintenance and repairs may only be performed by authorised service technicians (Ottobock Equipment).
- ▶ The machine may only be used by **one person** at a time.

2.2 Explanation of symbols on the product

The symbols listed below appear on stickers attached to the product:

 <p>⚠ DANGER Hazardous voltage inside. Disconnect power before opening. This unit is to be serviced by trained personnel only.</p>	<p>Danger, voltage. Disconnect the voltage source before opening.</p>
 <p>⚠ WARNING Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in death or serious injury.</p>	<p>Caution: First read the operator's manual carefully before using and/or operating this machine.</p>
 <p>⚠ WARNING Rotating shaft Rotating parts and shaft can cause severe injury. Lockout/tagout before servicing.</p>	<p>Caution: rotating shaft. Contact with the shaft may cause very serious injuries resulting in death.</p>

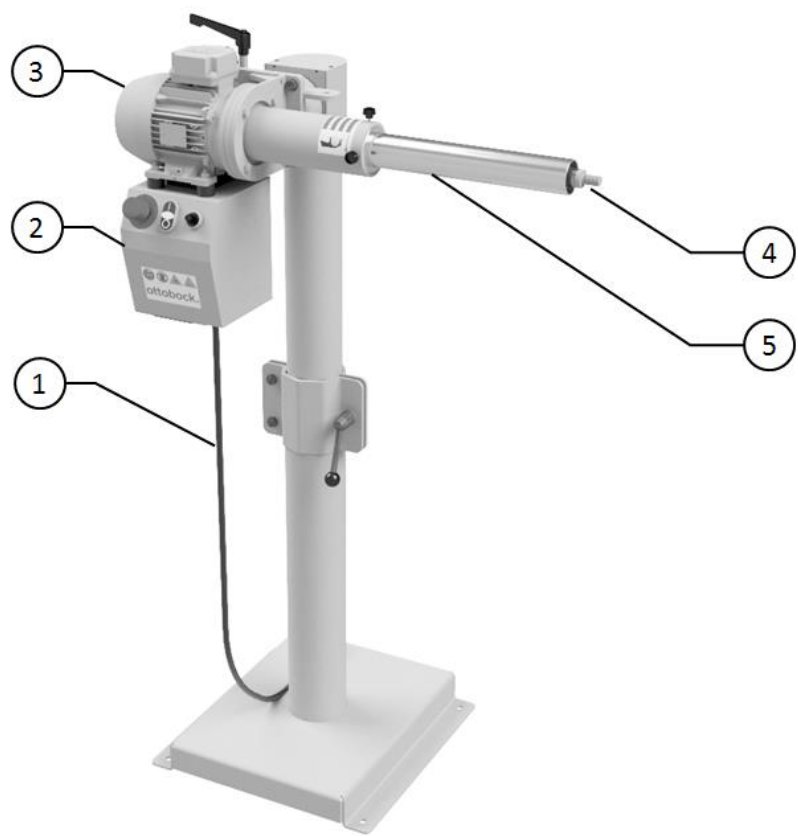
For the complete list of the symbols that may be used in these instructions, see the 'Pictograms used' section.

2.3 Improper use

The product is not intended for the following unauthorised applications:

- Improper use is any use that is not listed in the '**Intended use**' section.

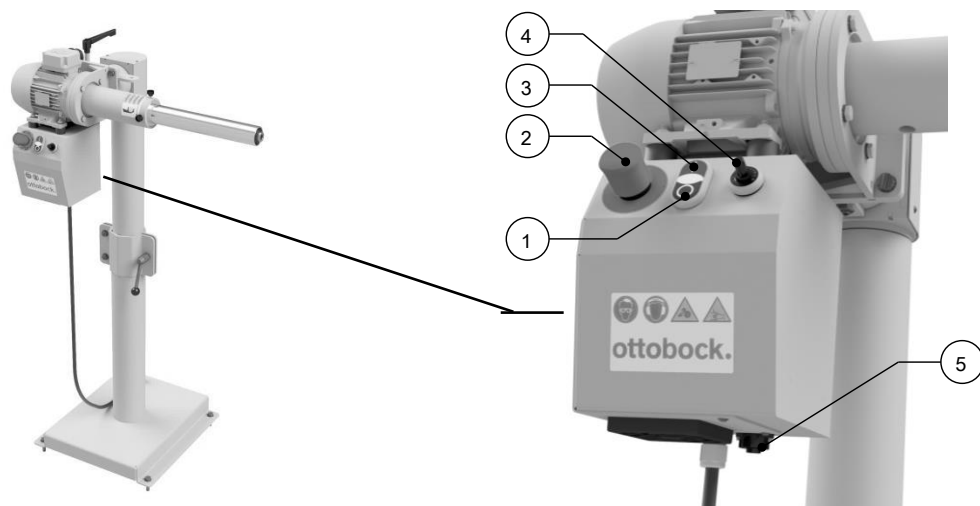
2.4 Product overview



Product overview			
1	Power connection	4	Adapter/tool holder
2	Operating panel	5	Interchangeable shaft guard
3	Socket router motor	-	

2.5 Operating elements


2.5.1 Operating panel

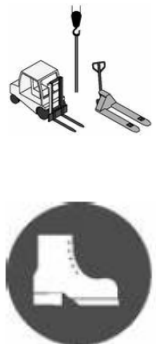



Operating panel key			
1	Motor OFF button	4	Stepless adjustment of motor rotation speed
2	Emergency stop	5	Connector for external/central suction system
3	Motor ON button	-	

1. **Motor OFF button:** This button switches the motor of the 'Pro-Fit 1000' off.
2. **Emergency stop:** This button switches the 'Pro-Fit 1000' off in an actual or threatened emergency situation.
3. **Motor ON button:** This button switches the motor of the 'Pro-Fit 1000' on.
4. **Stepless adjustment of motor rotation speed:** This dial allows the rotation speed of the socket router's motor to be adjusted to any value between 1200 and 3600 rpm.
5. **Connector for external/central suction system:** This connector is provided for the optional connection cable (see **Options** section) that enables an external or central suction system to be switched on or off automatically.

3. Transport

	<p>WARNING</p> <p>Never walk or stand under suspended loads</p> <p>May result in death or very serious injuries as a result of following improper procedures</p> <ul style="list-style-type: none"> ▶ Make sure that, during transport, no persons are located near suspended loads.
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	<p>WARNING</p> <p>During transport, there must be a number of precautions taken to ensure safety:</p> <ul style="list-style-type: none"> ▶ Wear safety shoes ▶ Ensure the personnel are properly trained ▶ Always lift or hoist with at least two people ▶ Note the centre of gravity of the product so that it does not tip during transport ▶ During transport, lifting and hoisting, do not exceed the maximum load for transport, lifting and/or hoisting equipment ▶ Transport the product only in the original packaging ▶ Make sure that the product is sufficiently secured to the means of transport
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	<p>ATTENTION</p> <ul style="list-style-type: none"> ▶ Protect the product from moisture and extreme temperature shifts ▶ To avoid contamination during transport, leave the product in the original packaging or cover it with protective film.
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4. Storage

	<p>ATTENTION</p> <ul style="list-style-type: none"> ▶ Before storing the product, read the 'Technical data' section ▶ Protect the product from moisture and extreme temperature shifts. ▶ Leave the product in the original packaging or cover it with protective film.
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5. Unpacking






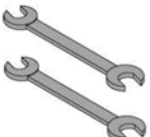
	<p>When unpacking, a number of precautions must be taken to ensure safety:</p> <ul style="list-style-type: none"> ▶ Wear safety shoes ▶ Ensure the personnel are properly trained
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	<ul style="list-style-type: none"> ▶ Check that the delivery is complete.
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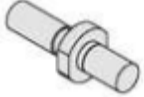
5.1 *Inspecting the delivered contents*

- Check that the delivery is complete

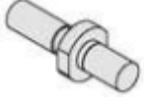
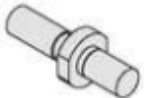
The following products are included in the scope of delivery:

Product contents			
#	Product description	Article number	Image
1x	Socket router 'Pro-Fit 1000'	-	
1x	Operator's manual DE Operator's manual EN	JAM-16.10.0401.0 JAM-16.10.0402.0	
1x	Shaft guard, short	JAM-08.99.9450.0	
1x	Shaft guard, long	JAM-08.99.9437.0	
1x	Floor mounting kit	702F280=1	
2x	Open-ended spanner - 27mm	702F6=27 (2x)	

The following product is supplied with the 701F60 and 701F60=1-5:

Product contents			
#	Product description	Article number	Image
1x	Adapter 1/2" – 13	702F7=1/2"-13	

The following products are supplied with the 701F60=230:

Product contents			
#	Product description	Article number	Image
1x	Adapter M16	702F7=M16	
1x	Adapter 5/8"	702F7=5/8"	

6. Installation

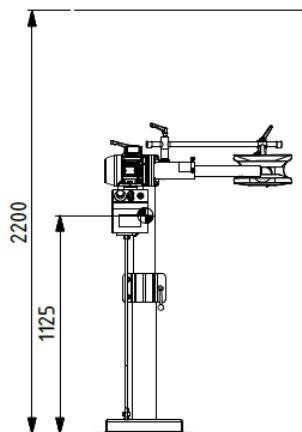
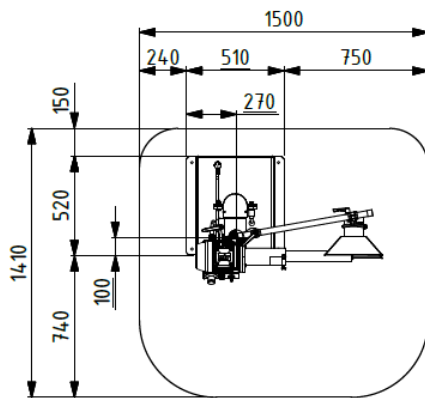
The 'Pro-Fit 1000' should be installed on a flat and, most importantly, firm surface. Sufficient space should be left around it to allow for operation and maintenance. The 'Pro-Fit 1000' is only to be used in an ambient temperature between 5°C/ 41°F and 104°F/40°C.

The 'Pro-Fit 1000' is delivered ready for use, and is not suitable for permanent installation. The space required is:

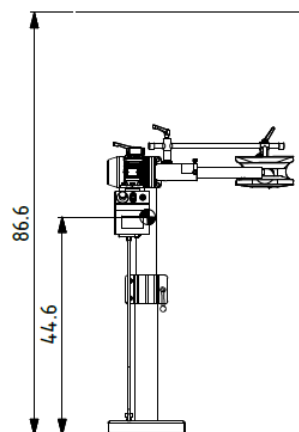
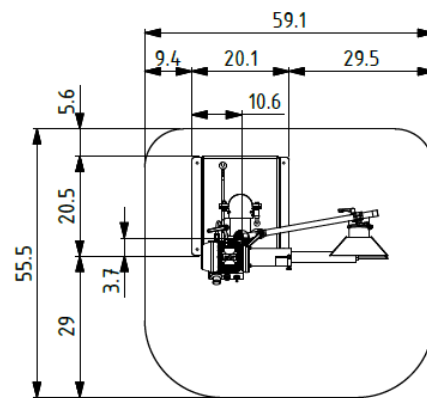
Width: 1500 mm / 59.4 in

Depth: 1410 mm / 55.5 in

Height: 2200 mm / 86.6 in



Dimensions in millimeters



Dimensions in inches

6.1 Anchoring the product

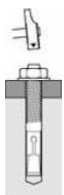
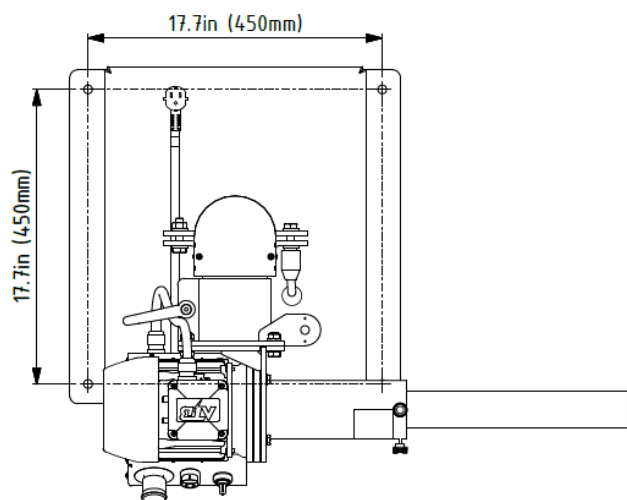
Once the machine has been positioned in its intended location with the required space left around it, it must be anchored to the floor to avoid the risk of it tipping over when in its highest position.



- ▶ Before anchoring the machine to the floor, ensure that it is completely level and stable in all directions.

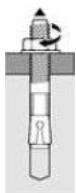


- ▶ Step 1: Drill holes (4x Ø12mm x 75mm depth / 4x Ø1/2" x 3" depth) into the concrete surface using the centre distance indicated in the figure below:



- ▶ Step 2: Position the nut as high up on the thread as possible to prevent damage to the thread during step 3.

- ▶ Step 3: Hammer the anchor into the previously-drilled hole until the washer is in contact with the machine foot.



- ▶ Step 4: Tighten the nut to the maximum torque of 50Nm.

6.2 *Connecting the product*



ATTENTION

Check that the voltage indicated on the nameplate matches the mains voltage.

Once the 'Pro-Fit 1000' is in position and anchored to the floor, it can be connected up.

The following must be connected:

- Power

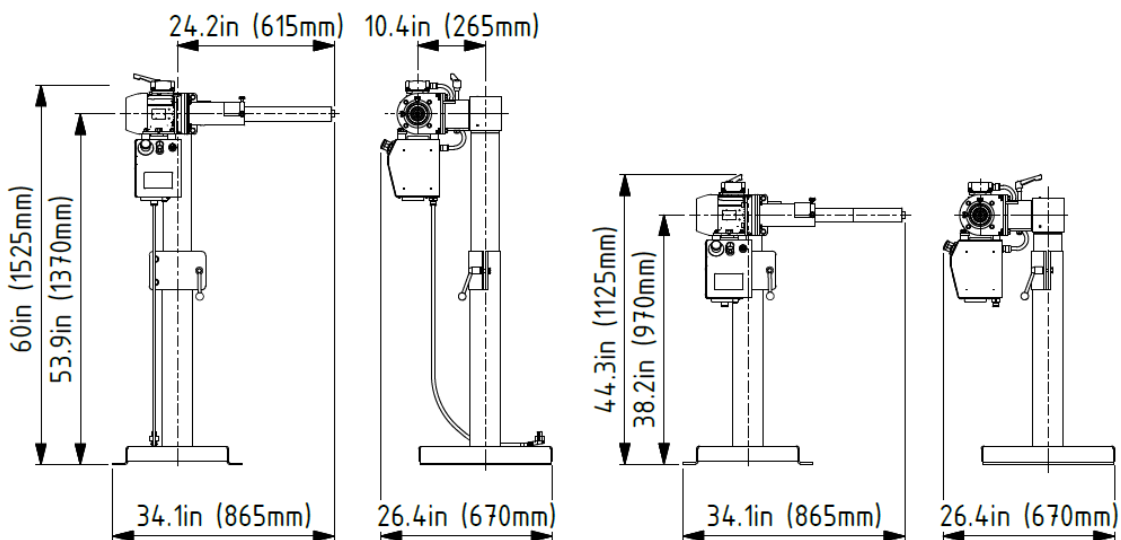
Power

The 'Pro-Fit 1000' is supplied ready-for-use and simply needs to be plugged in. The power supply required is specified in the **Technical data** section.

7. Technical data

Name: Pro-Fit 1000

Year of manufacture: See nameplate

Type:	701F60	701F60=230	701F60=1-5
Weight [kg/lbs]:	98 kg / 216 lbs		
Dimensions [mm/in.]:	<div>  </div>		
Power [kW/hp]:	0,75/1		
Voltage:	110 V/ 1Ph+N+PE / 50/60 Hz	230 V/ 1Ph+N+PE / 50/60 Hz	208 V/ 1Ph+N+PE / 50/60 Hz
Amperage [A]:	16	9,7	9,7

Surface treatment: The product is finished with a paint layer of colour light grey (RAL 7035).

Ambient temperature: 5°C - 41°F / 40°C - 104°F

8. EC declaration of conformity

Manufacturer: Otto Bock Equipment B.V.
Industriepark 'het Hoog'
Mandenmaker 14 5253 RC,
Nieuwkuijk, The Netherlands

Hereby declares that the 701F60, 701F60=230 and 701F60=1-5 'Pro-Fit 1000' socket router manufactured by us complies fully with the following directives:

2006/42 / EC	Diretriz geral de maquinário
2014/35 / UE	Diretiva de baixa tensão
2011/65 / UE	Restrições ao uso de certas substâncias perigosas em equipamentos elétricos e eletrônicos

and complies with the following standards:

EN-ISO 12100: 2010	Segurança de máquinas - Terminologia, princípios gerais de projeto.
EN-ISO 349: 1993 + A1: 2008	Segurança do maquinário - Folgas mínimas para evitar o esmagamento de partes do corpo humano.
EN-ISO 13850: 2015	Segurança de máquinas - Dispositivos de parada de emergência, aspectos funcionais, princípios de design.
EN 60204-1: 2006 + A1: 2009	Segurança de máquinas - Equipamentos elétricos de máquinas. Requerimentos gerais.

Nieuwkuijk,

21 de março de 2017



A.H.M. Boom,
Managing Director of Otto Bock Equipment B.V.

9. Use

This section describes the daily operation of the 'Pro-Fit 1000'. The product is only suitable for applications as described in the '**Intended use**' section.

      	<p>The following safety measures must be strictly observed for initial operation:</p> <ul style="list-style-type: none"> ▶ Safety footwear is mandatory ▶ Eye protection is mandatory ▶ Light breathing protection is mandatory ▶ Hearing protection is mandatory ▶ Hair covering is mandatory ▶ Close-fitting clothing is mandatory ▶ Do not wear gloves ▶ Operation by qualified personnel ▶ Tidy workspace, keep the floor clean
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9.1 *Adjusting the socket router motor*



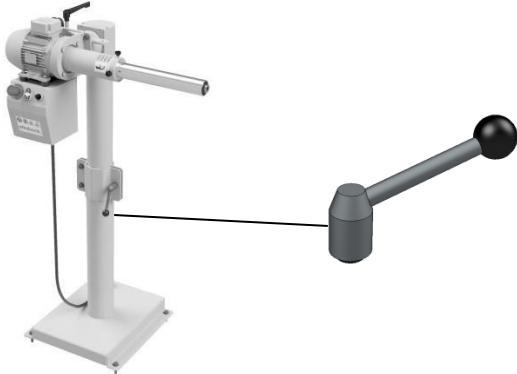
WARNING

Switch the product off before performing the actions described in this section

The various degrees of freedom designed into the 'Pro-Fit 1000' allow it to be adjusted to perfectly suit any operator. The 'Pro-Fit 1000' can be adjusted vertically by 15.7in (400 mm), the angle of the motor can be adjusted through 180°, while the motor can be swivelled horizontally through 360°.

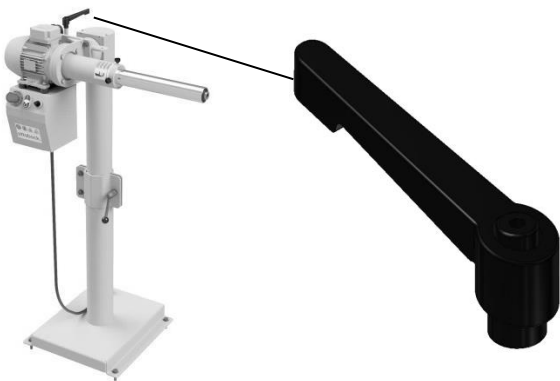


9.1.1 Adjusting the vertical/horizontal position of the motor

	<p>This lever is used to adjust the vertical and horizontal position of the motor. Rotating the lever to the left unlocks it. The height of the 'Pro-Fit 1000' can now be adjusted by lifting upwards or pressing downwards. The router does not slip downwards when unlocked.</p>
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ATTENTION: After rotating/adjusting the motor, always remember to lock the mechanism again by rotating the lever to the right.

9.1.2 Adjusting the angle of the motor

	<p>This lever is used to lock/unlock the motor angle adjustment mechanism. Rotating the lever to the left unlocks the mechanism. Rotating the lever to the right locks the mechanism.</p>
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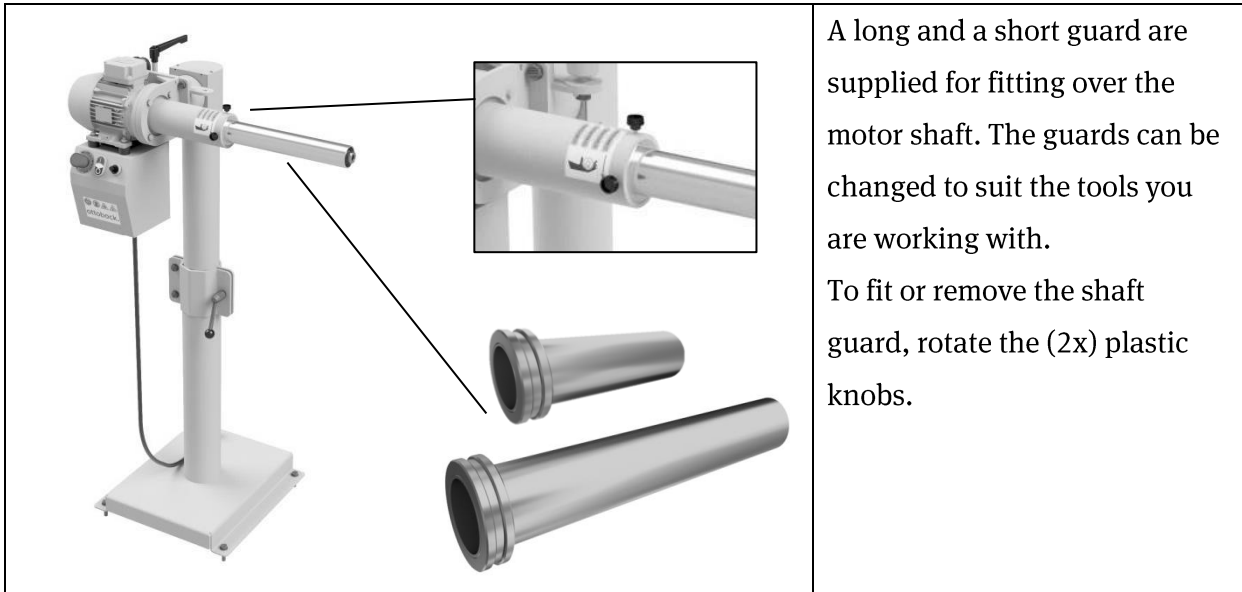
ATTENTION: After rotating/adjusting the motor, always remember to lock the mechanism again by rotating the lever to the right.

9.2 *Exchanging the shaft guard*



WARNING

Switch the 'Pro-Fit 1000' off before performing the actions described in this section
Always use one or other of the shaft guards.



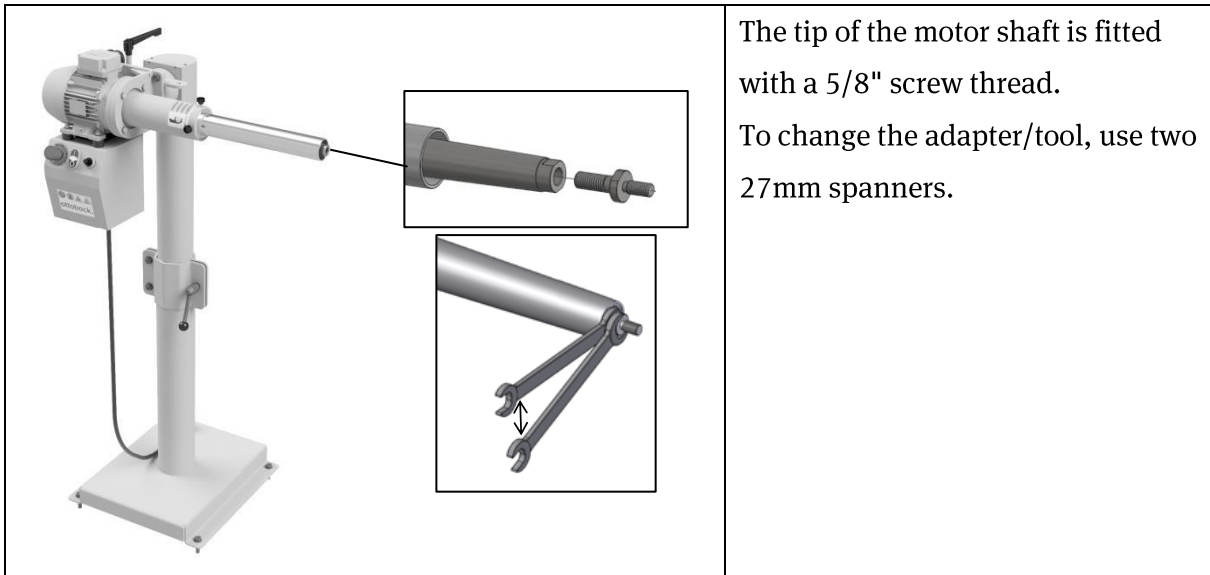
ATTENTION: Ensure that the shaft guard is properly seated before rotating the plastic knobs.

9.3 Changing the adapter



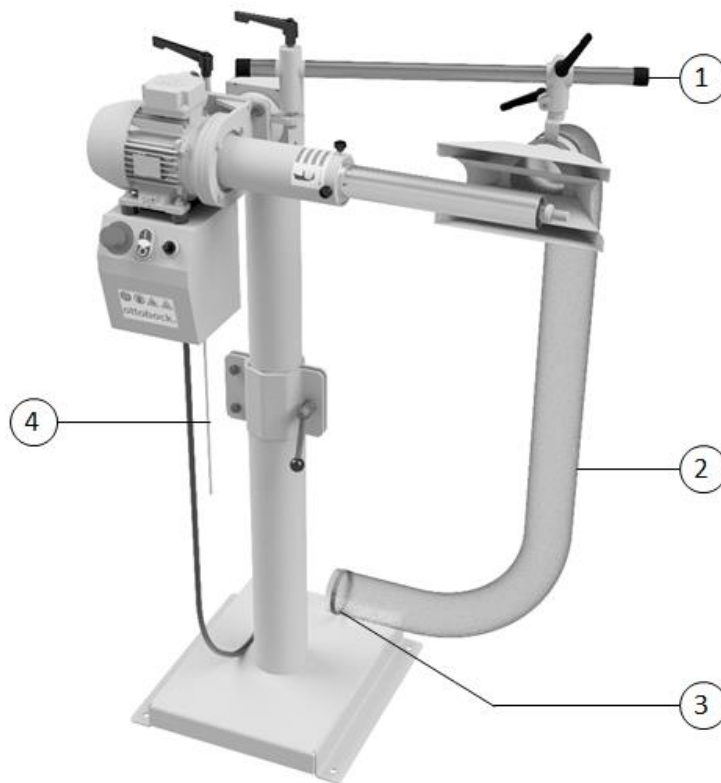
WARNING

Switch the product off before performing the actions described in this section



10. Options

The 'Pro-Fit 1000' can be expanded with the options listed below. Note that these are not supplied with the product.




Options			
1	702F203 Suction arm Pro-Fit 1000	3	702F5=2 Hose clamp 90-110 mm
2	702F2=100 Exhaust hose	4	625K35=20 Connection cable

625K35=20 Connection cable

If using an external/central suction system that can be controlled via a potential-free contact to cause the suction system to switch on and off automatically when the 'Pro-Fit 1000' socket router motor is switched on or off, the 625K35=20 connection cable must be installed. The 625K35=20 connection cable is not supplied with the product. The 'Pro-Fit 1000' socket router is provided with a connector for this purpose (see the **Operating panel** section).

11. Servicing the product

Servicing of the products of Ottobock Equipment must only be performed by the supplier or by an installer approved by the supplier. During servicing, ensure that the power is completely disconnected by pulling the plug out of the socket.

	<ul style="list-style-type: none"> ▶ The user may be placed in danger by incorrect use of the product or by repairs performed by unauthorised personnel. ▶ Only use original spare parts. ▶ Ottobock Equipment accepts no liability whatsoever in case of improper use or if non-original spare parts are employed. ▶ Before opening, remove the plug from the socket.
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12. Failures and maintenance

12.1 Failures

The most common malfunctions are mechanical failures which are generally easy to fix.

Malfunction	Possible cause	Possible solution
The machine is vibrating	- Caused by the machine's natural frequency	- Change the rotation speed until the vibration ceases (see 'Operating elements')
The motor is not running	<ul style="list-style-type: none"> - The emergency stop has been activated - There is no power supply present - A power failure has occurred 	<ul style="list-style-type: none"> - Pull the emergency stop out (see 'Operating elements') - Check the machine's plug - Reset the frequency controller by removing the plug from the socket, waiting at least 5 seconds, then re-inserting the plug

If connected to an external/central suction system:

Malfunction	Possible cause	Possible solution
Machine is in operation but there is no suction	- External/central suction system is not in operation	<ul style="list-style-type: none"> - Check the external/central suction system - Check the connector for the external/central suction system (see the 'Operating elements' section)