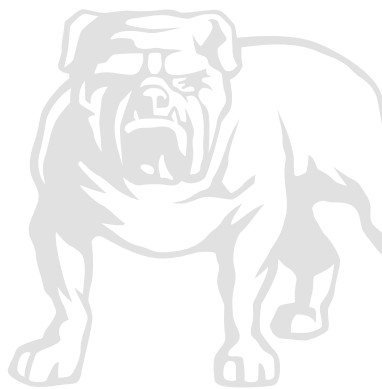


MIRKA



Mirka® PROS

150 mm (6") • 125 mm (5")

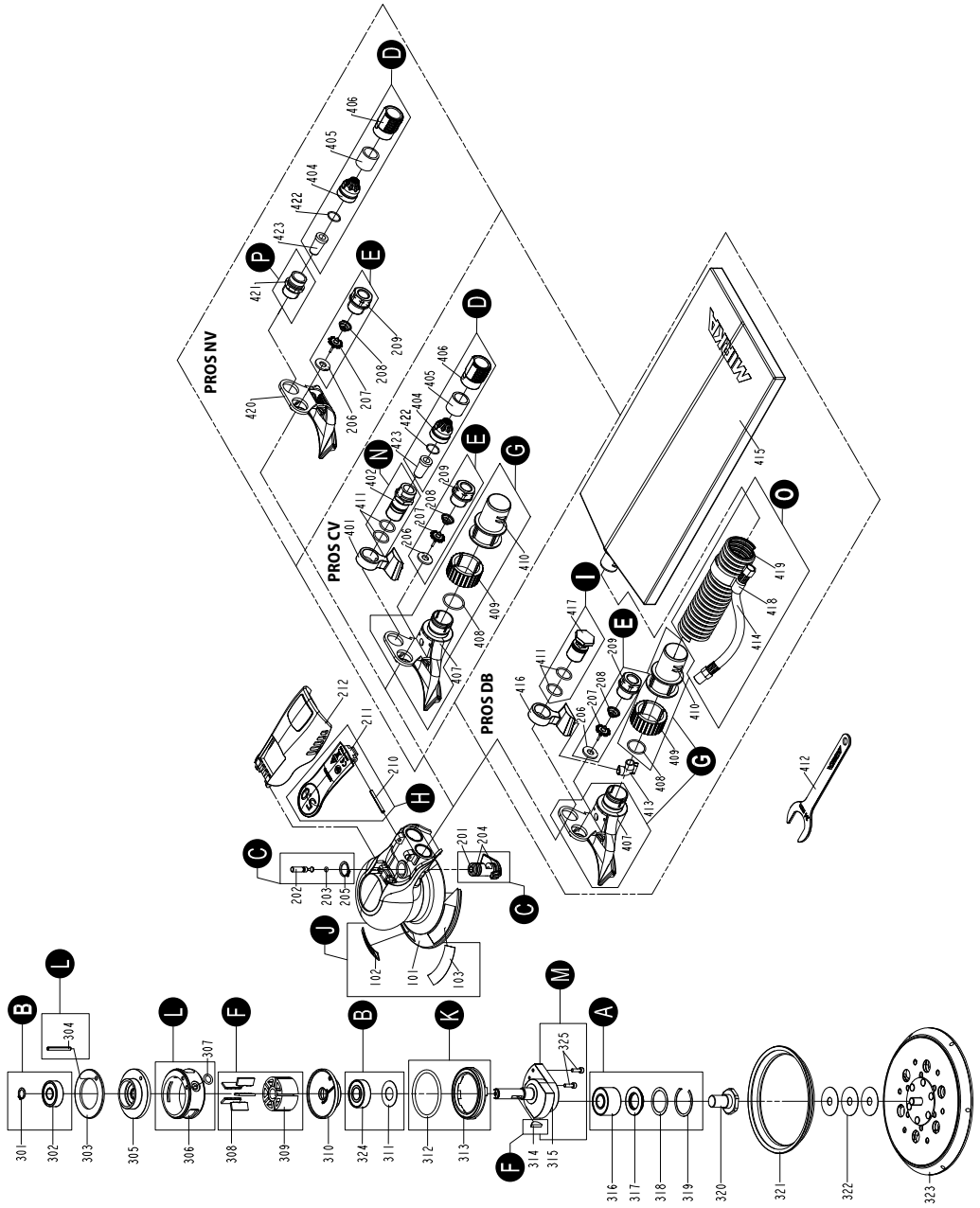


Mirka® PROS

150 mm (6") • 125 mm (5")

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Exploded view



Parts list – kits

Mirka code	Item	Description	Kit	Part No	Quantity
MIE6536211		Bearing kit (loose parts)	A		
	316	Bearing		MPP0316	1
	317	Rubber seal		MPP0317	1
	318	Washer (optional)		MPP0318	opt.
	319	Retaining ring		MPP0319	1
8995690141		Spindle bearing kit (preassembled)	A+320		
	316	Bearing		MPP0316	1
	317	Rubber seal		MPP0317	1
	318	Washer (optional)		MPP0318	opt.
	319	Retaining ring		MPP0319	1
	320	Spindle		MPP0320	1
8995690021		Endplate bearing kit	B	MPP9002	
	301	Retaining ring		MPP0301	1
	302	Bearing		MPP0302	1
	311	Dust seal		MPP0311	1
	324	Bearing		MPP0324	1
8995690031		Speed valve kit	C	MPP9003	
	201	Regulator unit		MPP0201	1
	202	Valve stem		MPP0202	1
	203	O-ring		MPP0203	1
	204	O-ring		MPP0204	2
	205	Retaining ring		MPP0205	1
8995690041		Muffler kit 12 000 rpm	D	MPP9004	
	404	Nozzle		MPP0404	1
	405	Muffler		MPP0405	1
	406	Muffler cap		MPP0406	1
	422	O-Ring		MPP0422	1
	423	Powder metal silencer		MPP0423	1
8995690051		Air inlet kit	E	MPP9005	
	206	Seal		MPP0206	1
	207	Tip valve		MPP0207	1
	208	Valve spring		MPP0208	1
	209	Inlet connection		MPP0209	1
8995690061		Rotor, vanes and key kit	F	MPP9006	
	308	Vanes		MPP0308	5
	309	Rotor		MPP0309	1
	314	Rotor key		MPP0314	1
8995690071		Exhaust and swivel kit – PROS CV & DB	G	MPP9007	
	407	Vacuum adapter – PROS CV & DB		MPP0407	1
	408	O-ring		MPP0408	1
	409	Swivel grip		MPP0409	1
	410	Swivel connector		MPP0410	1
8995690151		Lever kit 2,5 mm orbit	H	MPP9015	
	210	Spring pin		MPP0210	1
	211	Lever 2,5 mm orbit		MPP0214	1
8995690081		Lever kit 5,0 mm orbit	H	MPP9008	
	210	Spring pin		MPP0210	1
	211	Lever 5,0 mm orbit		MPP0211	1

Mirka code	Item	Description	Kit	Part No	Quantity
8995690091		Lever kit 8,0 mm orbit	H	MPP9009	
	210	Spring pin		MPP0210	1
	211	Lever 8,0 mm orbit		MPP0213	1
8995690221		Retainer and O-ring kit – PROS DB	I	MPP9022	
	411	O-ring		MPP0411	2
	417	Muffler connection		MPP0417	1
8995690121		Housing and mark plate kit	J	MPP9012	
	101	Housing		MPP0101	1
	102	Mark plate		MPP0102	1
	103	Model sticker (PROS 550, 580, 625, 650 & 680)		MPP0103	7
8995690111		Lock ring and O-ring kit	K	MPP9011	
	312	O-ring		MPP0312	1
	313	Lock ring		MPP0313	1
8995690131		Cylinder, spring pin and O-ring kit	L	MPP9013	
	304	Spring pin		MPP0304	1
	306	Cylinder		MPP0306	1
	307	O-ring		MPP0307	1
8995690251		Shaft balancer kit 2,5 mm / 125 mm – PROS 525	M	MPP9025	
	315	Shaft balancer 2,5 mm / 100 g pad		MPP0330	1
	325	Balance screws		MPP0325	2
8995690161		Shaft Balancer kit 5,0 mm / 125 mm – PROS 550	M	MPP9016	
	315	Shaft balancer 5,0 mm / 100 g pad		MPP0315	1
	325	Balance screws		MPP0325	2
8995690211		Shaft balancer kit 8,0 mm / 125 mm – PROS 580	M	MPP9021	
	315	Shaft balancer 8,0 mm / 100 g pad		MPP0329	1
	325	Balance screws		MPP0325	2
8995690171		Shaft balancer kit 2,5 mm / 150 mm – PROS 625	M	MPP9017	
	315	Shaft balancer 2,5 mm / 130 g pad		MPP0326	1
	325	Balance screws		MPP0325	2
8995690181		Shaft balancer kit 5,0 mm / 150 mm – PROS 650	M	MPP9018	
	315	Shaft balancer 5,0 mm / 130 g pad		MPP0327	1
	325	Balance screws		MPP0325	2
8995690191		Shaft balancer kit 8,0 mm / 150 mm – PROS 680	M	MPP9019	
	315	Shaft balancer 8,0 mm / 130 g pad		MPP0328	1
	325	Balance screws		MPP0325	2
8995690201		Muffler connection and O-ring kit – PROS CV	N	MPP9020	
	402	Muffler connection		MPP0402	1
	411	O-ring		MPP0411	2
8995690231		Hose assembly kit 1,8 m – PROS DB	O	MPP9023	
	414	Hose air tube		MPP0414	1
	418	Fastening straps		MPP0418	5
	419	Hose 1,8 m for PROS DB		MPP0419	1
8995690241		Muffler connection kit – PROS NV	P	MPP9024	
	421	Muffler connection		MPP0421	1

Separate parts on next page.

NOTE! Repairs done by non-authorized repairer will breach the Mirka warranty.
Power tool must be serviced by a qualified repair person and in accordance with national requirements.

Parts list – spare parts & accessories

Mirka code	Item	Description	Kit	Part No	Quantity
	101	Housing	J	MPP0101	1
	102	Mark plate	J	MPP0102	1
	103	Model Sticker (PROS 550, 580, 625, 650 & 680)	J	MPP0103	7
	201	Regulator unit	C	MPP0201	1
	202	Valve stem	C	MPP0202	1
	203	O-ring	C	MPP0203	1
	204	O-ring	C	MPP0204	2
	205	Retaining ring	C	MPP0205	1
	206	Seal	E	MPP0206	1
	207	Tip valve	E	MPP0207	1
	208	Valve spring	E	MPP0208	1
	209	Inlet connection	E	MPP0209	1
	210	Spring pin	H	MPP0210	1
	211	Lever 5,0 mm orbit	H	MPP0211	1
	211	Lever 8,0 mm orbit	H	MPP0213	1
	211	Lever 2,5 mm orbit	H	MPP0214	1
8995602121	212	Cover		MPP0212	1
	301	Retaining ring	B	MPP0301	1
	302	Bearing	B	MPP0302	1
8995603031	303	Front ring		MPP0303	1
	304	Spring pin	L	MPP0304	1
8995603051	305	Front bearing plate		MPP0305	1
	306	Cylinder	L	MPP0306	1
8995603071	307	O-ring 10/pack	L	MPP0307	1
	308	Vanes	F	MPP0308	5
	309	Rotor	F	MPP0309	1
8995603101	310	Rear end plate		MPP0310	1
	311	Dust seal	B	MPP0311	1
	312	O-ring	K	MPP0312	1
	313	Lock ring	K	MPP0313	1
	314	Rotor key	F	MPP0314	1
	315	Shaft balancer 2,5 mm / 100 g pad	M	MPP0330	1
	315	Shaft balancer 5,0 mm / 100 g pad	M	MPP0315	1
	315	Shaft balancer 8,0 mm / 100 g pad	M	MPP0329	1
	315	Shaft balancer 2,5 mm / 130 g Pad	M	MPP0326	1
	315	Shaft balancer 5,0 mm / 130 g pad	M	MPP0327	1
	315	Shaft balancer 8,0 mm / 130 g pad	M	MPP0328	1
	316	Bearing	A	MPP0316	1
	317	Rubber seal	A	MPP0317	1
	318	Washer (optional)	A	MPP0318	opt.
	319	Retaining ring	A	MPP0319	1
8995603201	320	Spindle	A+320	MPP0320	1
8995603211	321	Brake seal		MPP0321	1
8292502011	323	Mirka backing pad 125 mm, 28 H 5/16" Grip Med. 100 g	-		1
8292605011	323	Mirka backing pad 150 mm, 48 H 5/16" Grip Med. 130 g	-		1
8292501011	323	Mirka backing pad 125 mm, NH 5/16" PSA M 100 g	-		1
8292601011	323	Mirka backing pad 150 mm, NH 5/16" PSA M 130 g	-		1
	324	Bearing	B	MPP0324	1

Mirka code	Item	Description	Kit	Part No	Quantity
	325	Balance screws	M	MPP0325	2
8995604011	401	Connector – PROS CV		MPP0401	1
	402	Muffler connection	N	MPP0402	1
	404	Nozzle	D	MPP0404	1
	405	Muffler	D	MPP0405	1
	406	Muffler cap	D	MPP0406	1
	407	Vacuum adapter	G	MPP0407	1
	408	O-ring	G	MPP0408	1
	409	Swivel grip	G	MPP0409	1
	410	Swivel connector	G	MPP0410	1
	411	O-ring	I, N	MPP0411	2
8995604121	412	Mirka pad wrench 24 mm (supplied with each tool)		MPP0412	1
8995604131	413	Eductor tube – PROS DB		MPP0413	1
	414	Hose air tube	O	MPP0414	1
8995604151	415	Dust bag		MPP0415	1
8995604161	416	Connector – PROS DB		MPP0416	1
	417	Muffler connection	I	MPP0417	1
MIN6529211	418	Fastening straps 6/pack	O	MPP0418	5
	419	Hose assembly 1,8 m – PROS DB	O	MPP0419	1
8995604201	420	Vacuum adapter – PROS NV		MPP0420	1
	421	Muffler connection	P	MPP0421	1
	422	O-ring	D	MPP0422	1
	423	Powder metal silencer	D	MPP0423	1

Pad medium*	Mirka code	525NV	550CV/NV	580CV/NV	625CV/NV	650CV/NV	680CV/NV
125 mm (5"), 100 g Grip	8292502011	X	X	X			
150 mm (6"), 130 g Grip	8292605011				X	X	X
125 mm (5"), 100 g PSA	8292501011	X	X	X			
150 mm (6"), 130 g PSA	8292601011				X	X	X

*Soft and hard pad variants available as accessories

NOTE! Repairs done by non-authorized repairer will breach the Mirka warranty.
Power tool must be serviced by a qualified repair person and in accordance with national requirements.

Declaration of conformity

<p>Mirka Ltd, 66850 Jeppo, Finland declare on our sole responsibility that the products Mirka® PROS 150 mm (6") & 125 mm (5") Pneumatic Random Orbital Sander (see "Technical data" table for particular model) to which this declaration relates are in conformity with the following standard or other normative document: EN ISO 15744:2008. Following the provisions of 89/392/EEC as amended by 91/368/EEC & 93/44/EEC 93/68/EEC Directives and consolidating Directive 2006/42/EC.</p>		
<p><i>Jeppo 13.08.2020</i> Place and date of issue</p>	<p>MIRKA Company</p>	<p> Stefan Sjöberg, CEO</p>
<p>Operating instructions include: Exploded view, Parts list, Declaration of conformity, Important, Required personal safety equipment, Please read and comply with, Warning, Caution, Additional safety warnings, Technical data, Proper use of tool, Work stations, Operating instructions, Maintenance, Troubleshooting guide, Reducing vibrations with pad saver or interface.</p>	<p>Manufacturer / Supplier Mirka Ltd 66850 Jeppo, Finland Tel. +358 20 760 2111 Fax +358 20 760 2290 www.mirka.com</p>	<p></p>

Original instructions. We reserve the right to make changes to this manual without prior notice.

Important

Read these safety and operating instructions carefully before installing, operating or maintaining this tool. Keep these instructions in a safe, accessible location.

Required personal safety equipment



Read
operator's manual



Wear
safety glasses



Wear
ear protection



Wear
safety gloves



Wear
face mask



Warning: Potential hazardous situation that may result in death or serious injury and/or property damage.

Caution: Potential hazardous situation that may result in minor or moderate injury and/or property damage.

Please read and comply with

- General Industry Safety & Health Regulations, part 1910, OSHA 2206, available from: Superintendent of Documents, Government Printing Office, Washington DC 20402
- Safety Code for Portable Air Tools, ANSI B186.1 available from: American National Standards Institute, Inc., 1430 Broadway, New York, New York 10018
- State and local regulations

WARNING

Always wear required personal safety protection in accordance with manufacturer's instructions and local/national standards while using this tool.

- Do not use a power tool if you are tired or under the influence of drugs, alcohol or medication.
- Read the Materials Safety Data Sheet (MSDS) for the working surface.
- Use the tool with dust extraction. A suitable dust extraction unit will reduce hazardous dust.
- Do not overreach. Keep proper footing and balance at all times.
- Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If any physical hand/wrist discomfort is experienced, stop working and seek medical attention. Hand, wrist and arm injury may result from repetitive work, motion and overexposure to vibrations.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- The tool is not electrically insulated. Check work area for live electricity, gas pipes, etc. before operation.

CAUTION

- Prevent unintentional starting.
- Remove pad wrench before connecting the tool to the air supply.
- Keep work area clean and well lit.
- Always ensure that the work piece to be sanded is firmly fixed.
- Before changing abrasive always disconnect the air supply.

Additional safety warnings

- Read all instructions before using this tool. All operators must be fully trained in usage and safety of this tool.
- All maintenance must be carried out by trained personnel. For service, contact Mirka authorized service centre!
- Always wear required safety equipment (see warnings).
- The operator must be in a secure position and have a firm grip and footing on a solid floor.
- Always ensure that the work piece to be sanded is firmly fixed.
- Check tool, backing pad, hose and fittings regularly for wear.
- Always take care to ensure your safety at work; never carry, store or leave the tool unattended with the air supply connected.
- Vacuum unit dust collection bag should be cleaned or replaced daily. Dust can be highly combustible. Cleaning or replacing of bag also assures optimum performance.
- Do not exceed maximum recommended air pressure of 6.2 bar (90 psi).
- Take care to avoid entanglement of the moving parts of the tool with clothing, ties, hair, cleaning rags, etc.
- Keep hands clear of the spinning pad during use.
- If the tool appears to malfunction, remove from use immediately and arrange for service and repair.
- Before changing abrasive always disconnect the air supply. Take care to properly attach and centre the abrasive on the backing pad.

Technical data

Mirka® PROS	525NV	550CV/NV	580CV/NV	625CV/NV	650CV/NV	680CV/NV
Orbit	2.5 mm (3/32")	5 mm (3/16")	8 mm (5/16")	2.5 mm (3/32")	5 mm (3/16")	8 mm (5/16")
Vacuum type	–	Central	Central	Central	Central	Central
Pad size	125 mm (5")	125 mm (5")	125 mm (5")	150 mm (6")	150 mm (6")	150 mm (6")
Product net weight	0.89 kg (1.96 lbs)	0.89 kg (1.96 lbs)	0.91 kg (2.01 lbs)	0.90 kg (1.98 lbs)	0.93 kg (2.05 lbs)	0.95 kg (2.09 lbs)
Height	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")
Length	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")
Speed	12,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm
Noise level	75 dB(A)	CV: 76 dB(A) NV: 75 dB(A)	CV: 78 dB(A) NV: 77 dB(A)	CV: 75 dB(A) NV: 75 dB(A)	CV: 76 dB(A) NV: 76 dB(A)	CV: 77 dB(A) NV: 74 dB(A)
Power	270 W	270 W	270 W	270 W	270 W	270 W
Air consumption	485 lpm	485 lpm	485 lpm	485 lpm	485 lpm	485 lpm
Vibration level*	2.8 m/s ²	2.4 m/s ²	3.8 m/s ²	2.3 m/s ²	3.2 m/s ²	3.4 m/s ²
Uncertainty K*	0.8 m/s ²	0.8 m/s ²	0.9 m/s ²	0.7 m/s ²	0.8 m/s ²	0.8 m/s ²

The noise test is carried out in accordance with EN ISO 15744:2008 – Hand-held non-electric power tools – Noise measurement code – Engineering method (grade 2).

The vibration test is carried out in accordance with ISO 28927-3 - Hand-held portable power tools – Test method for evaluation of vibration emission – Part 3: Polishers and rotary, orbital and random orbital sanders.

Mirka® PROS	550DB	580DB	625DB	650DB	680DB
Orbit	5 mm (3/16")	8 mm (5/16")	2.5 mm (3/32")	5 mm (3/16")	8 mm (5/16")
Vacuum type	Self-generated	Self-generated	Self-generated	Self-generated	Self-generated
Pad size	125 mm (5")	125 mm (5")	150 mm (6")	150 mm (6")	150 mm (6")
Product net weight**	0.89 kg (1.96 lbs)	0.91 kg (2.01 lbs)	0.90 kg (1.98 lbs)	0.93 kg (2.05 lbs)	0.95 kg (2.09 lbs)
Height	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")
Length	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")	229 mm (9.02")
Speed	12,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm
Noise level	81.3 dB(A)	80.9 dB(A)	80.3 dB(A)	78.2 dB(A)	79.7 dB(A)
Power	200 W	200 W	200 W	200 W	200 W
Air consumption	485 lpm	485 lpm	485 lpm	485 lpm	485 lpm
Vibration level*	2.8 m/s ²	3.5 m/s ²	2.3 m/s ²	3.0 m/s ²	2.5 m/s ²
Uncertainty K*	0.8 m/s ²	0.8 m/s ²	0.7 m/s ²	0.8 m/s ²	0.7 m/s ²

The noise test is carried out in accordance with EN ISO 15744:2008 – Hand-held non-electric power tools – Noise measurement code – Engineering method (grade 2).

The vibration test is carried out in accordance with ISO 28927-3 - Hand-held portable power tools – Test method for evaluation of vibration emission – Part 3: Polishers and rotary, orbital and random orbital sanders.

Specifications subject to change without prior notice. Model range may vary between markets.

* The values stated in the table are from laboratory testing in conformity with stated codes and standards, and are not sufficient for risk evaluation. Values measured in a particular work place may be higher than the declared values. The actual exposure values and amount of risk or harm experienced by an individual are unique to each situation and depend upon the surrounding environment, the way in which the individual works, the particular material being worked, work station design as well as upon the exposure time and the physical condition of the user. Mirka Ltd cannot be held responsible for the consequences of using declared values instead of actual exposure values for any individual risk assessment.

** Without dust bag and dust hose.

Further occupational health and safety information can be obtained from the following websites:

<https://osha.europa.eu/en> (Europe) or <http://www.osha.gov> (USA)

Proper use of tool

This sander is designed for sanding all types of materials i.e. metals, wood, stone, plastics, etc. using abrasive designed for this purpose. Do not use this sander for any other purpose than specified, without consulting your Mirka dealer. Only use Mirka backing pads 125 mm (5") or 150 mm (6") that are designed for optimal performance with the brake seal. Never mount a backing pad without a spacing washer. Other backing pads may reduce performance and will increase vibrations.

Work stations

The tool is intended to be operated as a hand-held tool. It is always recommended that the tool should be used when standing on a solid floor. It can be used in any position but before any such use, the operator must be in a secure position, have a firm grip and footing and be aware that the sander can develop a torque reaction. See the section "Operating instructions".

Operating instructions

When unpacking the tool, make sure it is intact, complete and has not been damaged in transport. Never use a damaged tool.

To attach air supply, lift up the cover and connect air supply, close the cover before operating the tool. Use a clean lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully pressed. It is recommended to use an approved 10 mm (3/8") x 8 m (25 ft) maximum length air hose. The tool should be connected to the air supply as shown in Figure 1.

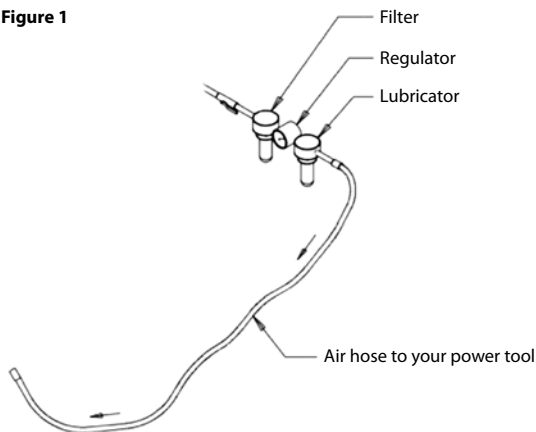
Do not connect the tool to the compressed air system without incorporating an easy to reach and operate air shut-off valve. It is strongly recommended that an air filter, regulator and lubricator (FRL) are used as shown in Figure 1 as this will supply clean, lubricated air at the correct pressure to the tool. Details of such equipment can be obtained from your supplier. If such equipment is not used the tool should be manually lubricated.

To manually lubricate the tool, disconnect the air hose and put 2 to 3 drops of supplied oil or Wurth art. no. 08930505 into the air connection on the tool. Reconnect the tool to the air supply and run the tool slowly for a few seconds to allow air to circulate the oil. If the tool is used frequently, lubricate it on a daily basis.

Lubricate the tool before longer storage or if the tool slows down or loses power.

It is recommended that the air pressure at the tool is 6.2 bar (90 psig) while the tool is running. The tool can run at lower pressures but never higher than 6.2 bar (90 psig).

Figure 1



Maintenance



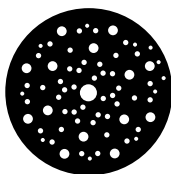
Always disconnect the air supply before maintenance!
Only use original Mirka spare parts!

Replacing the backing pad

1. Insert the pad wrench between the backing pad and brake seal to hold the spindle nut.
2. Turn the backing pad counterclockwise to remove it.
3. Fit and tighten the new backing pad with washers.
4. Remove the pad wrench.

Pad saver

Mirka's pad savers are designed to protect the backing pad from wear and tear, when sanding aggressively and continuously with net products. These cost effective pad savers, placed between the backing pad and the sanding disc, should be changed regularly. The pad savers prolong the life of the backing pad.



<https://www.mirka.com/accessories/pad-savers/>

Replacing the brake seal

NOTE! Too much vacuum in your dust extraction system may cause the brake seal to malfunction.

1. Remove the backing pad as described above.
2. Pull the old brake seal out of its groove.
3. Fit the new brake seal in the groove.
4. Fit the backing pad as described above.
5. Check the brake seal function. By changing the number of washers between the spindle and backing pad, the effect of the brake seal can be adjusted.

Replacing the muffler kit

PROS CV/NV

- Lift up the cover.
- Remove the muffler cup by pushing it firmly to the side and insert a screwdriver between the cup and the hex nut, twist the screwdriver to release the cup from the housing.
- Reattach new muffler to the housing.



Further service

Servicing must always be performed by trained personnel. To keep the tool warranty valid and ensure optimal tool safety and function, servicing must be carried out by a Mirka authorized service centre. To locate your local Mirka authorized service centre, contact Mirka Customer service or your Mirka dealer.

Troubleshooting guide

Symptom	Possible cause	Solution
Low power and/ or low free speed.	Speed control set to low speed.	Turn the speed control to desired speed.
	Low air pressure.	Check air supply (according to operating instructions).
	Clogged muffler.	Clean or replace the muffler.
	Plugged air inlet screen.	Clean or replace the screen.
	Internal air leakage in the motor housing.	Check motor assembly and alignment. Check air inlet O-ring alignment on motor assembly.
	Worn or broken vanes.	Install a complete set of new vanes and rotor (Kit F).
	Housing cracked or damaged.	Contact Mirka authorized service centre.
	Worn or broken spindle bearing.	Replace the worn or broken bearing (Kit A).
Air leakage at the speed control.	Dirty, broken or bent valve spring, valve or valve seat.	Disassemble, inspect and replace worn or damaged parts.
	Incorrect assembly of air valve.	Remove air inlet connection and reassemble the air valve (207), with the valve stem (202) in its upper position.
Vibration / rough operation.	Incorrect backing pad.	Only use Mirka backing pad 125 mm (5"), 150 mm (6").
	Addition of interface or other material.	Only use abrasive and/or interface designed for the machine.
	Damaged backing pad.	Replace the pad. Only use Mirka backing pad 125 mm (5"), 150 mm (6").
	Worn or broken motor bearing(s).	Replace the worn or broken bearings.
	Too much vacuum on a flat surface can increase vibrations.	Lower the vacuum of your dust extraction unit.
	Low motor speed.	Increase motor speed with flow regulator, max 6.2 bar.

Reducing vibrations when sanding with pad saver or interface

When pad saver or interface is used for sanding the set-up may increase the level of vibrations. Your Mirka tool has a feature allowing you to reduce these vibrations. To reduce vibrations that may appear when a pad saver or interface is used please follow these steps:

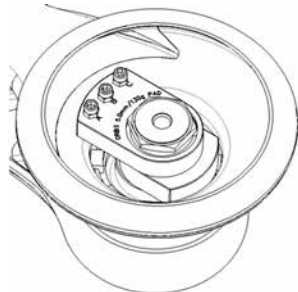
1. Disconnect air supply.
2. Remove backing pad.
3. Add hex nuts and screws in accordance with the table below, tighten to 2 Nm.

NOTE! If the sander is used with an interface it is recommended that the speed is set to a maximum of 7,000 rpm.

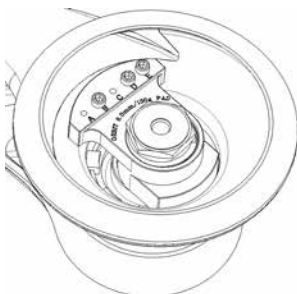
Example



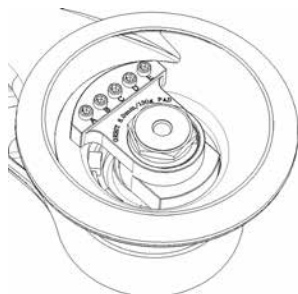
1. Machine configuration out of box.



2. Machine configuration for use with pad saver or interface.



3. Machine configuration out of box.



4. Machine configuration for use with pad saver or interface.

Model	Picture	Set-up out of box									
		Screw					Hex nut				
		A	B	C	D	E	A	B	C	D	E
550	1	-	X	X	-	-	-	-	-	-	-
580	1	-	X	X	-	-	-	-	-	-	
625	1	-	X	X	-	-	-	-	-	-	
650	1	-	X	X	-	-	-	-	-	-	
680	3	-	X	-	X	X	-	-	-	-	
Model	Picture	Set-up for pad saver / interface									
		Screw					Hex nut				
		A	B	C	D	E	A	B	C	D	E
550	2	X	X	X	-	-	X	X	X	-	-
580	2	X	X	X	-	-	X	X	X	-	-
625	2	X	X	X	-	-	X	X	X	-	-
650	2	X	X	X	-	-	X	X	X	-	-
680	4	X	X	X	X	X	-	-	-	-	-



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