

Instruction manual

Hikoki SP 18VA



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1. For your safety

1.1 Proper use

The hand stick machine SP18 VA is intended

- for commercial use in industry and trade
- for roughening/structuring horizontal concrete, asphalt and screed surfaces
- for removing paints, coatings, tile and carpet adhesive residues from hard surfaces hard substrates

The use of cut-off wheels, roughing wheels, flap discs or wire brushes is not permitted. When using the hand-held stick machine SP18 VA, a class M Hoover must be connected.

1.2 Safety Instructions for hand stick machine

- This power tool is to be used as a hand-held pole machine with the appropriate accessories. Observe all safety information, instructions, illustrations and data provided with the machine. Failure to observe the following instructions may result in electric shock, fire and/or serious injury.
- This power tool is not suitable for wire brushing, polishing and cut-off grinding. Uses for which the power tool is not intended may cause hazards and injuries.
- Do not use accessories that are not specifically intended and recommended by the manufacturer for this power tool. Just because you can attach the accessory to your power tool does not guarantee safe use.
- The permissible speed of the insert tool is limited to level 2 = 1.100 rpm. Always make sure that level 2 is not exceeded on the adjusting wheel of the power tool. Accessories that rotate faster than permitted can break and fly around.
- Do not use damaged insert tools. Before each use, check insert tools for chipping and cracks, sanding discs for cracks, wear or heavy wear. If the power tool or the insert tool falls down, check whether it is damaged or use an undamaged insert tool. When you have checked and used the insert tool, keep you and nearby persons out of the plane of the rotating insert tool and let the tool run at maximum speed for one minute. Damaged insert tools usually break during this test time.
- Only hold the tool by the insulated gripping surfaces when carrying out work where the insert tool may hit hidden power lines or its own mains cable. Contact with a live line can also energise metal parts of the tool and cause an electric shock.
- Keep the mains cable away from rotating insert tools. If you lose control of the machine, the power cord may be cut or caught and your hand or arm may be caught in the rotating insert tool.
- Wear personal protective equipment.



- Use full face protection, eye protection or safety glasses depending on the application. Where appropriate, wear dust mask, hearing protection, protective gloves or special apron that keeps small abrasive and material particles away from you. Eyes should be protected from flying debris generated by various applications. Dust mask or respirator must filter the dust generated during the application. If you are exposed to loud noise for a long time, you may suffer hearing loss.
- Keep other people a safe distance from your work area. Everyone entering the work area must wear personal protective equipment. Fragments of the workpiece or broken insert tools can fly away and cause injuries even outside the direct work area.
- Never put the power tool down before the insert tool has come to a complete stop. The rotating insert tool may come into contact with the storage surface, causing you to lose control of the power tool.
- Do not leave the power tool running while you are carrying it. Your clothing can be caught by accidental contact with the spinning insert tool and the insert tool can bore into your body.
- Clean the ventilation slots of your power tool regularly. The motor fan draws dust into the housing and a heavy accumulation of metal dust can cause electrical hazards.
- Do not use the power tool near flammable materials. Sparks can ignite these materials.
- Do not use insert tools that require liquid coolants. The use of water or other liquid coolants may cause electric shock. Special safety instructions for grinding:
- Use only the router discs approved for your power tool and the protective bonnet provided for that router disc. Milling discs that are not intended for the power tool cannot be adequately shielded and are unsafe.

1.3 Setback and corresponding safety instructions

Setback is the sudden reaction resulting from a hooked or jammed rotating insert tool. Hooking or jamming causes an abrupt stop of the rotating insert tool. This causes an uncontrolled power tool to accelerate against the direction of rotation of the insert tool at the jamming point. For example, if a grinding wheel hooks or jams in the workpiece, the edge of the grinding wheel that plunges into the workpiece may become caught, causing the grinding wheel to break away or kick back. The grinding wheel then moves towards or away from the operator, depending on the direction of rotation of the wheel at the jamming point. Grinding wheels can also break during this process. Kickback is the result of incorrect or faulty use of the power tool. It can be prevented by taking appropriate precautions as described below.

- Hold the power tool firmly and put your body and arms in a position where you can absorb the recoil forces. Always use the auxiliary handle, if available, to have the greatest possible control over recoil forces or reaction moments during run-up. The operator can control the recoil and reaction forces by taking appropriate precautions.
- Never bring your hand close to rotating insert tools. The insert tool may move over your hand during recoil.
- Avoid the area with your body where the power tool will move during a kickback. The kickback drives the power tool in the direction opposite to the movement of the grinding wheel at the jamming point.
- Be especially careful when working around corners, sharp edges, etc. Prevent insert tools from bouncing off the workpiece and jamming. The rotating insert tool tends to jam at corners, sharp edges or when it bounces off. This causes a loss of control or kickback.
- Do not use a chain or toothed saw blade. Such insert tools often cause kickback or loss of control of the power tool.

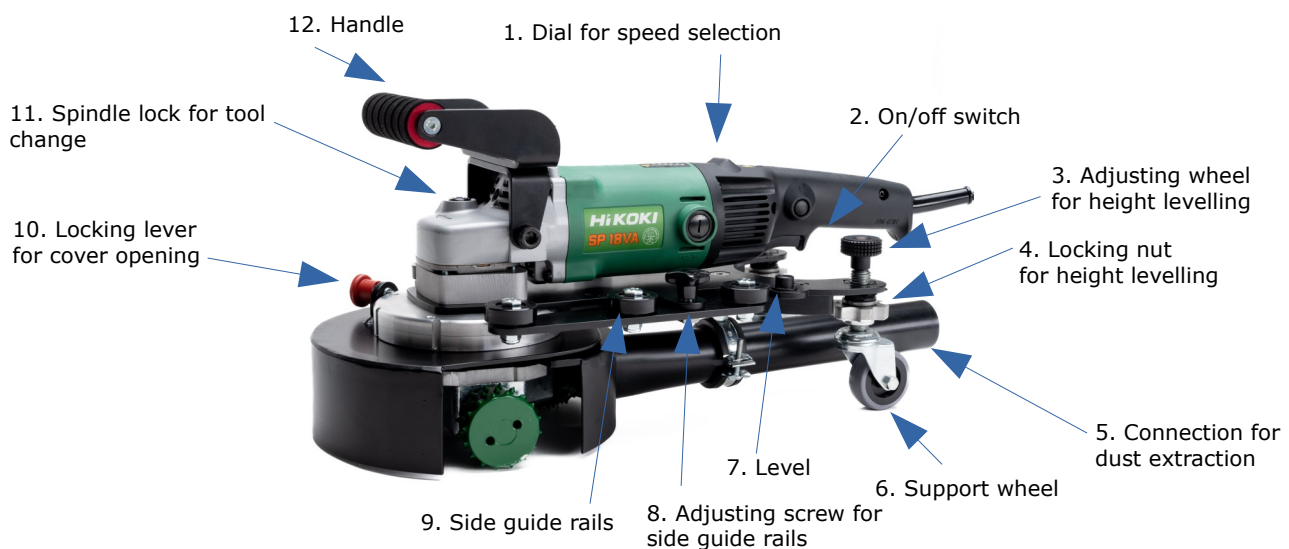
1.4 Special safety instructions for sticking

- Do not work on surfaces with exposed steel reinforcements. Danger of kickback!
- Take special care when machining corners, edges and extreme transitions. Damage to the milling head or the milling wheels is possible.
- Only operate the power tool when the milling wheels can rotate freely.
- Only use original Wibec "Xposer milling discs".

2. Technical data

Power supply voltage V/Hz 230/50
Protection class / II
Power consumption W 1250
Speed rpm 600 - 1100
Tool holder M14
Weight (included power cable) kg 15

3. At one glance



4. Operating instructions

4.1 Before start-up

- Unpack the power tool and accessories and check that the delivery is complete and that there is no possible transport damage.
- Check: Alignment of the machine - the level should be in balance.
- Check: Firm seating of the milling plate on the drive spindle.
- Check: Position of the speed preselection switch: max. position level 2

4.2 Switching the power tool on and off

Short-time operation without latching:

- Press and hold the switch.
- Release the switch to switch off.

Continuous operation with engagement:

- Push the switch upwards and press the latching button on the handle.

Switch off the unit:

- Press switch upwards; latching button unlocks, release switch

4.3 Use of an extraction system

When using the floor machine SP18 VA, connect a class M Hoover.

- Attach the suction hose to the connection piece.
- Connect the suction hose to the suction system. Observe the operating instructions of the extraction system! Check the attachment! If necessary, use a suitable adapter.

4.4 Working with the power tool

1. fix the milling plate.
2. Check the level: Is the machine level with the surface? Readjustment may be necessary
3. Connect the suction system.
4. Plug in the mains plug.
5. Carry out a test run to check that the tool is correctly attached.
6. Set the required speed. (max. speed 2)
7. Switch on the extraction system.
8. Always hold the power tool with both hands. Always keep one hand on the one hand on the power tool so that it can be switched off immediately in an emergency.
9. Switch on the power tool.
10. Operate the pole machine with overlapping, circular or oval movements.
11. When driving along walls, keep a safety distance of at least 5 mm.

4.5 After work

- Switch off the power tool and pull out the mains plug.
- Switch off the extraction system.
- Clean the power tool.

5. Maintenance and care

- Blow out the interior of the housing with the motor regularly with dry compressed air.
- Clean the protective cover with dry compressed air. Remove stubborn deposits with a brush.
- Remove the milling disc from the machine after each use and clean it with warm water, a brush or a paintbrush.
- Have repairs carried out exclusively by a customer service workshop authorised by the manufacturer.

6. Disposal instructions

Only for EU countries

Do not throw power tools in the household waste! According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national law, used power tools must be collected separately and recycled in an environmentally sound manner.

7. Disclaimer

The manufacturer and its representative are not liable for damage and loss of profit due to interruption of business caused by the product or the inability to use the product. The manufacturer and its representative are not liable for damage caused by improper use or in connection with products of other manufacturers.

8. Conformity

We declare under our sole responsibility that the electronic grinder/polisher identified by the type and specific identification code *1 complies with all relevant provisions of Directives *2 and Standards *3:

*1) SP18VA C350647S

*2) 2006/42/EC (Maschinenrichtlinie), 2014/30/EU (EMV-Richtlinie), 2011/65/EU (ROHS-Richtlinie)

*3) EN 60745-1:2009 +A11:2010

EN 60745-2-3:2011+A2:2013+A11:2014+A12:2014+A13:2015

EN 55014-1:2006 +A1:2009+A2:2011

EN 55014-2:1997+A1:2001+A2:2008

EN 61000-3-2:2014

EN 61000-3-3:2013

01.08.2022 Steffen Widemann, owner of Wibec Germany

9. Spare parts list

1128	Hinged pipe clamp M8
1129	Dust cover rear section
1130	Mini swivel castor with back hole and elastic wheel 50 mm
1131	Track roller PU with protruding inner ring 35 mm
1132	Threaded rod M16 x 50 mm
1133	T-slot nut M6
1134	Rubber buffer 23 x 12 x 32 mm
1135	Hexagon screw M8 x 25
1136	Hexagon screw M6 x 12
1137	Hexagon screw M6 x 14
1138	Countersunk screw M8 x 20
1155	Star grip nut
1159	Locking bolt
1161	Dust cover front part
1162	Side guide left
1163	Side guide right
1166	Bull`s Eye spirit level
1168	Kurled knob M6-16
1381	Handle complete with foam rubber
1381-1	Holder for handle support
1381-2	Handle support
1381-3	Handle included foam rubber
1381-4	Foam rubber
1384	Adaptor block for Hikoki SP 18VA
1385	Support ring for Cowl
1386	Base frame