



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

## ***10mm Air Belt Sander***



07401

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR,  
OR SIP DIRECTLY ON:  
TEL: 01509500400  
EMAIL: [sales@sip-group.com](mailto:sales@sip-group.com) or [technical@sip-group.com](mailto:technical@sip-group.com)  
[www.sip-group.com](http://www.sip-group.com)

*Please read and fully understand the instructions in this manual before operation. Keep this manual safe for future reference.*

# DECLARATION OF CONFORMITY

## Declaration of Conformity

We

SIP (Machinery Europe) Ltd  
ASM Chartered Accountants First Floor  
Block One Quayside Business Park  
Dundalk  
County Louth  
Republic of Ireland

As the manufacturer's authorised representative within the EC  
10mm Belt Sander - SIP Part No. 07401


**Conforms to the requirements of the following directive(s), as indicated.**

2006/42/EC

Machinery Directive

**And the relevant harmonised standard(s), including:**

EN ISO 12100:2010  
EN ISO 11148-8:2011

Signed:  .....

Mr P. Ippaso - Managing Director - SIP (Industrial Products)  
Ltd Date: 14/07/2021.



**Declaration of Conformity**

We

SIP (Industrial Products) Ltd  
Gelders Hall Road  
Shepshed  
Loughborough  
Leicestershire  
LE12 9NH  
England

As the manufacturer within the UK, England, Scotland & Wales, declare that the

10mm Belt Sander - SIP Part No. 07401

**Conforms to the requirements of the following regulation(s), as indicated.**

Supply of Machinery (Safety) Regulations 2008

**And the relevant harmonized standard(s), including:**

**BS EN ISO 12100:2010**

**BS EN ISO 11148-8:2011**

Signed:  .....

Name: Paul Ippaso Position...Managing Director  
SIP (Industrial Products) Ltd

Date: 14/07/2021



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## SAFETY SYMBOLS USED THROUGHOUT THIS MANUAL



**Danger / Caution:** Indicates risk of personal injury and/or the possibility of damage.



**Note:** Supplementary information.

## SAFETY INSTRUCTIONS



**IMPORTANT:** Please read the following instructions carefully, *failure to do so could lead to serious personal injury and / or damage to the air tool.*

When using your air tool, basic safety precautions should always be followed to reduce the risk of personal injury or damage to the air tool.

Read all these instructions before operating the air tool and save this user manual for future reference.

**SIP** recommends that this air tool should *not* be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

**KNOW YOUR AIR TOOL:** Read and understand the owner's manual and labels affixed to the air tool. Learn its applications and limitations, as well as the potential hazards specific to it.

**KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA:** All visitors should be kept at a safe distance from the work area; never allow untrained persons to operate the air tool.

**STAY ALERT:** Always watch what you are doing and use common sense.

**HAVE YOUR AIR TOOL REPAIRED BY A QUALIFIED PERSON:** The air tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user and void the warranty.

**DANGER!** Check that the air tool is in sound condition and good working order; Take immediate action to repair or replace damaged parts.

**DO NOT** dismantle or tamper with the air tool, as this may be dangerous and will invalidate the warranty.

- If a problem with the air tool is experienced or suspected stop using the air tool immediately and contact your distributor for repair.
- Regularly inspect and lubricate the air tool, ensuring that it is in good working order and condition.

## NOTES

- Always ensure that the work area is clean and tidy, free from unrelated materials and has adequate lighting.
- Clean and stow the air tool correctly.
- Failure to follow the warnings in this manual, may result in personal injury and/or property damage.
- **DO** ensure that only compressed air is used to supply the air tool. The compressed air supply **MUST** be at a suitable regulated pressure. Pipe work, regulators, hoses, isolation valves and connection devices **MUST** be suitable for the intended application correctly installed and maintained in good condition by a competent person.
- Appropriate Personal protective equipment **MUST** be worn and **MUST** be designed to protect against all hazards created. Severe permanent injury can result from using inappropriate or insufficient protective equipment - Eyes in particular are at risk.
- Long hair **MUST** be tied back; loose clothing **MUST NOT** be worn. There is a severe risk of these being drawn in or trapped by the moving parts of the air tool.
- Open or damaged compressed air lines present a significant 'whip' hazard; isolate the problem hose from the air supply and repair / replace the hose immediately.
- This air tool is electrically conductive **DO NOT** allow it to come into contact with any source of electrical supply.
- After use wait for the air tool to **STOP** completely before putting it aside.
- When putting the air tool aside you **MUST** ensure that it placed in a stable position. To avoid inadvertent operation **DO NOT** place the air tool where it can be knocked or moved accidentally either directly or by the air connection hose.
- If the air tool is not required or the air supply is interrupted, disconnect the air tool from the air supply and place in secure storage to prevent unauthorised use.
- Ensure the air valve (or trigger) is in the "off" position before connecting to the air supply.
- Disconnect the air tool from the air supply before making adjustments, changing accessories etc. and before servicing the air tool.
- Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failure.
- Do not overload the air tool. Allow the air tool to operate at its optimum speed for maximum efficiency.
- Do not increase the air pressure above the manufacturers recommended level, as excessive pressure can cause the tool casing to split. This can also create excessive wear on moving parts and possible failure.
- Always ensure that the workpiece is firmly secured leaving both hands free to control the air tool.
- Always wear safety goggles or glasses during operation.
- Do not wear watches, rings bracelets or loose clothing when using air tools.
- Use as light weight a hose as possible from the tool to the wall or compressor coupling.
- In the interests of safety and possible damage to the air tool/operator, always ensure

## SAFETY INSTRUCTIONS...cont

that the air tool has stopped before putting it down after use.

- Always ensure that the accessories are rated / designed for use with this air tool as well as the required application, and are correctly and securely fastened before connecting the air tool to the air supply.
- Do not carry or move the air tool by its air hose.
- Never allow the tool to come into contact with harsh solvents such as petrol.
- Understand the operating environment; Before each use the operator should assess, understand and where possible reduce the specific risks and dangers associated with the operating environment. Bystanders should also be made aware of any risks associated with the operating environment.



We recommend wearing a face mask or respiratory equipment when using any air tool; particularly during drilling, sanding, grinding, sawing or other operations likely to cause airborne particles.



We recommend wearing ear protection - particularly during extended periods of operation.



Always wear eye protection when using or maintaining any air tool.



**Caution:** The warnings and cautions mentioned in this user manual can not cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied.

## MAINTENANCE



Disconnect the air tool from the air supply before changing accessories, servicing or performing maintenance.

- **DO NOT** use the air tool if it is, or has parts that are worn, damaged or missing; remove from service.
- Ensure that the air tool is lubricated daily with a few drops of air tool oil dripped into the air inlet.
- Clean the air tool after each use.
- Check hose and fittings for wear or damage before each use.
- Drain the air tank / receiver of the compressor daily; Water in the air line will damage the air tool.
- In the event that it becomes necessary to store the tool for an extended period of time (overnight, weekend, etc.), it should receive a generous amount of lubrication at that time. The tool should be run for approximately 30 seconds to ensure oil has been evenly distributed throughout the tool.
- The air tool should be stored in a clean and dry environment.

## OPERATING INSTRUCTIONS....cont

- It is most important that the tool be properly lubricated by keeping the air line lubricator filled and correctly adjusted. Without proper lubrication the tool will not work properly and parts will wear prematurely.
- Use the proper lubricant in the air line lubricator. The lubricator should be of low air flow or changing air flow type, and should be kept filled to the correct level. Use only recommended lubricants, specially made for pneumatic applications. Substitutes may harm the rubber compounds in the tools O-rings and other rubber parts.



**Caution:** If a filter/regulator/lubricator is not installed on the air system, air operated tools should be lubricated at least once a day or after 2 hours work with 2 to 6 drops of oil, depending on the work environment, directly through the male fitting in the tool housing.

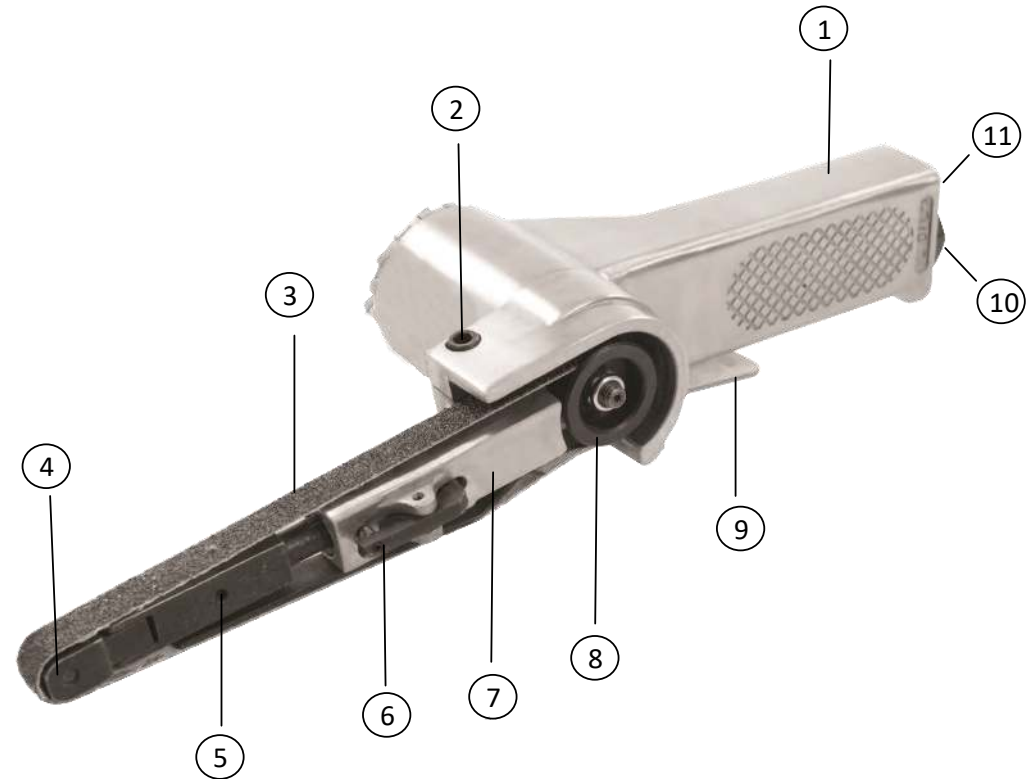
### FITTING THE SANDING BELT

- Lift the belt tensioning lever (6) and fit the belt over pulley (4) and drive pulley (8). Press the tension lever down. Note of the rotation direction arrow on the abrasive belt.
- Use the Adjusting screw (2) to alter the angle of the sander arm.

### OPERATING THE SANDER

- Connect the belt sander to the air supply via the air inlet (10).
- Press the throttle lever (9) and the belt sander will operate.
- Release the throttle lever (9) and the sander will stop.

## GETTING TO KNOW YOUR BELT SANDER



Item	Description	Item	Description
1	Handle	7	Sander Arm
2	Angle Adjusting Screw	8	Drive Pulley
3	10mm Sanding Belt	9	Throttle / Trigger
4	Pulley	10	1/4" Air Inlet
5	Sander Tensioning Arm	11	Air Exhaust Port
6	Belt Tensioning Lever		

## TECHNICAL SPECIFICATIONS

<b>SIP Part No.</b>	07401
<b>No Load Speed</b>	18000rpm
<b>Belt Size</b>	10 x 330mm
<b>Max Pressure</b>	6 Bar / 90 psi
<b>Air Consumption</b>	4 CFM / 113 L/min
<b>Air Inlet</b>	1/4" BSPP
<b>Lubrication</b>	Air Tool Oil
<b>Sound Pressure LpA*</b>	88dB(A)
<b>Sound Power LwA*</b>	99dB(A)
<b>Vibration **</b>	0.9m/s <sup>2</sup>
<b>Length</b>	260mm
<b>Weight</b>	0.75kg

\*Tested according to ISO 15744:  
3 dB(A) uncertainty

\*\*Tested according to ISO  
28927: 1.5 m/s<sup>2</sup> uncertainty

## GUARANTEE

This SIP air tool is covered by a 12 month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the air tool outside the scope of this manual - any claims deemed to be outside the scope of the warranty may be subject to charges including, but not limited to parts, labour and carriage costs.

This warranty does not cover consumable items such as oil, sanding belts etc.

Failure to lubricate your air tool will shorten its working life and reduce performance. Also note, the warranty does not cover rusting air tools and tools that failed due to the lack of lubrication.

In the unlikely event of warranty claims, contact your distributor as soon as possible.

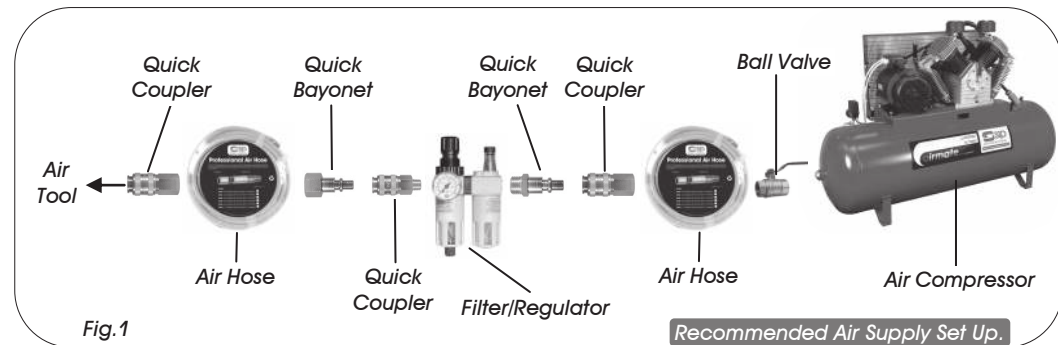


**Note:** Proof of purchase will be required before any warranty can be honoured.

## OPERATING INSTRUCTIONS

### AIR SUPPLY

1. Ensure the throttle lever (9) is not depressed before connecting to the air supply.
2. You will require an air pressure of 90psi, and an air flow according to specification.
3. **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the air tool. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.
4. Drain the compressor air tank daily. Water in the air line will damage the air tool.
5. Recommended hook-up procedure is shown below (Fig. 1).
6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
7. Keep the hose away from heat, oil and sharp edges. Check the hose for wear, and make certain that all connections are air tight secure.



### LUBRICATION

- An automatic in-line filter-regulator-lubricator is recommended (Fig.1) as it increases tool life and keeps the air tool in sustained operation. The in-line lubricator should be regularly checked and filled with air tool oil.
- Proper adjustment of the in-line lubricator is performed by placing a sheet of paper next to the exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper. Excessive amounts of oil should be avoided.
- In the event that it becomes necessary to store the tool for an extended period of time (overnight, weekend, etc.), it should receive a generous amount of lubrication at that time. The tool should be run for approximately 30 seconds to ensure oil has been evenly distributed throughout the tool. The tool should be stored in a clean and dry environment.