



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.



Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised re-cycling agent. This will allow the recycling of raw materials and help protect the environment.



12" Disc Sander



01953

FOR HELP OR ADVISE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR,
OR SIP DIRECTLY ON:
TEL: 01509500400
EMAIL: sales@sip-group.com or technical@sip-group.com
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 (Industrial Products) Ltd
Gelders Hall Road
Shepshed
Loughborough
Leicestershire
LE12 9NH
England

As the manufacturer's authorised representative within the EC
declare that the

12" Disc Sander - SIP Pt. No. 01953

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

2006/95/EC	Low Voltage Directive
2006/42/EC	Machinery Directive
2004/108/EC	EMC Directive
2002/95/EC	ROHS Directive

Signed: 

Mr P. Ippaso - Director - SIP (Industrial Products) Ltd
Date: 21/07/2012.



PARTS LIST

Ref No.	Description	SIP Part No.
1	Sanding Pad (12")	06896
2	Main Casting	WD01-00135
3	Motor	WD01-00136
4	Key	WD01-00137
5	Brake	WD01-00138
6	Brake Frame	WD01-00139
7	Pin	WD01-00140
8	Handle	WD01-00141
9	Spring	WD01-00142
10	Washer	WD01-00143
11	Screw	WD01-00144
12	Cap Head Bolt	WD01-00145
13	Table Trunnion	WD01-00146
14	Angle Guide	WD01-00147
15	Screw	WD01-00148
16	Table Angle Lock	WD01-00149
17	Extraction Hood	WD01-00150
18	Extraction Adaptor	WD01-00151
19	Main Table	WD01-00152
20	Mitre Gauge	WD01-00153
21	Screw	WD01-00154
22	Washer	WD01-00155
23	Rubber Foot	WD01-00156
24	Nut	WD01-00157
25	Disc	WD01-00158
26	Angle Pointer	WD01-00159
27	Screw	WD01-00160

CONTENTS

Page No.	Description
3	Contents
4	General Safety Instructions
6	Specific Safety Instructions
7	Electrical Connection
8	Guarantee
8	Technical Specifications
9	Getting to Know Your Sander
10	Assembly Instructions
11	Operating Instructions
12	Maintenance
13	Exploded Drawing
14	Parts List
15	Declaration of conformity

GENERAL SAFETY INSTRUCTIONS

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

When using your disc sander, basic safety precautions should always be followed to reduce the risk of fire, electric shock, personal injury and / or damage to the disc sander. Read all these instructions before operating the disc sander and save this user manual for future reference.

SIP recommends that this disc sander 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.

The sander is only designed for sanding wood or wood composites - It is not designed for sanding metals.

KNOW YOUR DISC SANDER: Read and understand the owner's manual and labels affixed to the disc sander. Learn its applications and limitations, as well as the potential hazards specific to it.

DO NOT USE THE DISC SANDER IN DANGEROUS ENVIRONMENTS: Do not use your disc sander in damp or wet locations, or expose it to rain. Always provide adequate space around the disc sander.

KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA: All visitors should be kept at a safe distance from the work area.

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

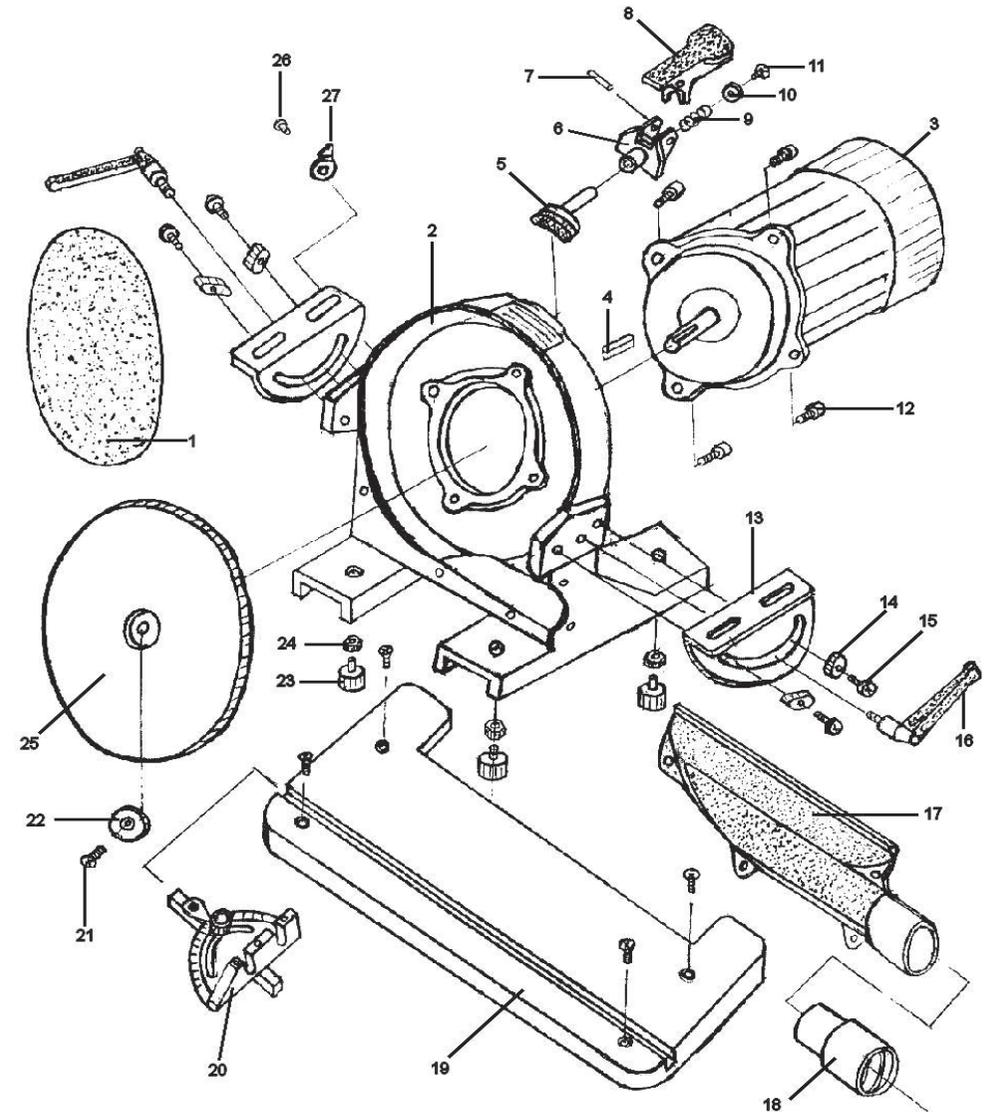
DISCONNECT THE DISC SANDER FROM THE MAINS SUPPLY: When not in use.

DO NOT ABUSE THE MAINS LEAD: Never pull the mains lead it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.

HAVE YOUR DISC SANDER REPAIRED BY A QUALIFIED PERSON: The disc sander 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.

- **DANGER!** Check that the disc sander is in sound condition and good working order. Take immediate action to repair or replace damaged parts.
- **USE RECOMMENDED PARTS ONLY** - Unapproved parts may be dangerous and will invalidate the warranty.
- **WARNING!** Only operate on a level and stable surface.
- **WARNING!** Do not allow untrained persons to operate the machine and do not operate the machine without all covers etc. correctly fitted.
- **WARNING! RISK OF ELECTRIC SHOCK.** Do not expose the disc sander to water spray, rain, dripping water or moisture of any kind.
- Do not move or handle the machine when it is running.

EXPLODED DRAWING



MAINTENANCE

There is very little mechanical maintenance that can be carried out on the machine.

Most prudent maintenance is preventative and concerned with keeping the machine clean.

Inspect and remove all dust / resin build ups, pay particular attention to keeping the area around the motor clear of any dust build ups.

Remove the sanding disc guard and remove any build ups and clean them thoroughly to allow the dust to travel over their surfaces smoothly.

To replace the sanding disc:

- Remove the main table following the instructions on page 10 in reverse.
- Remove the old sanding disc and clean any residue from the cast disc.
- Remove the self adhesive backing from the new disc, line it up with the cast disc and press to secure.
- Replace the main table.

GENERAL SAFETY INSTRUCTIONS...cont

- Do not leave the machine unattended when in use. Switch the machine off and unplug from the mains supply before leaving the work area.
- Do not allow children or animals near the disc sander, particularly when in use.
- Ensure that the disc sander is correctly turned off when not in use and store in a safe, dry area, out of reach of children.
- Do not unplug the disc sander to switch it off - always use the on/off switch.
- Never stand on the disc sander.
- DO NOT dismantle or tamper with the disc sander, as this may be dangerous and will invalidate the warranty.
- Always ensure that the disc sander is turned off and that the mains lead is removed from the supply during all cleaning and maintenance procedures, and when changing the sanding disc.

WARNING: Risk of Electric Shock!

- Use only the electrical power (voltage and frequency) specified on the model plate of the disc sander. If in doubt contact the manufacturer.
- Use only a three-prong, grounded supply outlet.
- ALWAYS unplug the disc sander when not in use.
- Always wear approved eye protection.
- Always wear respiratory protection.
- it is advisable to ensure the operator as well as those in the area wear ear protection, particularly during extended periods of use.
- Never wear gloves, neck-ties, jewellery or loose clothing, and always contain long hair during operation.
- Support the work-piece with the mitre gauge, backstop or worktable.
- Maintain 1/16" maximum distance between table and sanding disc.
- Avoid kickback by sanding in accordance with the directional arrows.
- Always mount the sander securely on a firm level surface.

If a problem with the disc sander is experienced, or if the mains lead or plug become damaged, discontinue operation immediately and contact your distributor for repair.

If the disc sander is used in a place of work all rules and laws etc. relating to the use of portable electrical appliances should be followed.

SPECIFIC SAFETY INSTRUCTIONS

Safety Symbols Used Throughout This Manual.



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



Warning: Risk of electrical injury or damage!



Note: Supplementary information.

Operational Safety.



When using the sander always ensure the operator as well as those in the area wear eye protection.



Sanding operations will cause dust to become airborne with the potential to be highly toxic; always wear a face mask during these operations, as well as ensuring the area is well ventilated. It is also highly recommended to use a dust collector to reduce airborne particles.



When using this sander, it is advisable to ensure the operator as well as those in the area wear ear protection, particularly during extended periods of use.



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.

ASSEMBLY INSTRUCTIONS...cont

Rubber Feet:

If desired, the rubber anti vibration feet on the base can be removed and the unit be secured permanently to a bench, or similar by means of four screws / bolts and washers etc.

OPERATING INSTRUCTIONS

On / Off (NVR) Switch:

Once fully assembled and adjusted, and all safety precautions have been followed; the sander is ready to be run.

Your SIP 12" Disc Sander is fitted with a safety NVR (No Volt Release) switch. This means that if power is cut to the sander (such as in a power failure); the motor will not start to run once the power is returned without the operator following the above instructions to restart the sander.

To start the sander - press the green (I) button.
To stop the sander - press the red (O) button.

Setting The Angle Of The Table:

The table may be set at any angle from 0°-45°.

- Loosen the 2 x angle locks (11) - 1 either side of the sander.
- Set the table to the desired angle, as shown on the angle scale.
- Tighten the angle locks securely to lock the table in position.

Using The Mitre Gauge:

The mitre gauge can be used to support the work-piece during sanding operations, and aid when sanding specific angles, and can also, in conjunction with the main table, be used to perform compound sanding operations.

To adjust the angle of the mitre gauge:

- Unlock the locking screw and set according to the scale.
- Re-tighten to secure the angle.

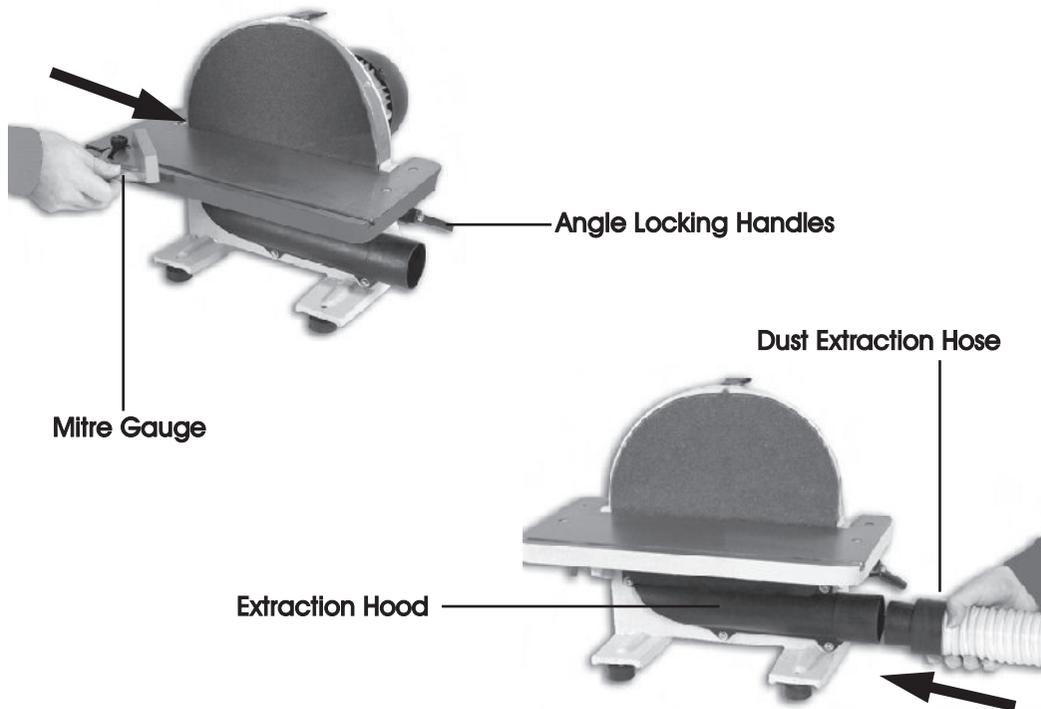
ASSEMBLY INSTRUCTIONS

After unpacking the disc sander, check all of the contents to ensure that there is no damage which may have been caused during transit.

Contact your distributor immediately if any damage is visible - **NEVER** put the sander into operation until any damaged items have been repaired or replaced.

Assembly:

- secure the work-table to its mountings by means of the two angle locking handles (11) ensuring that there is a clear gap between the sanding disc and the main table.
- Next, fit the mitre gauge, if required, by sliding it into the channel provided on the work-table.
- Fit the dust extraction hose to the extraction hood by simply pushing them together, then either connect to the supplied dust bag or an independent dust collector.



Ensure that all nuts and bolts are securely fastened.

ELECTRICAL CONNECTION

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage.

You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices; A residual current circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a residual current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician.

Connecting to the power supply:

This SIP sander is fitted with a standard 230v ~ 13 amp type plug. Before using the machine, inspect the mains lead and plug to ensure that neither are damaged. If any damage is visible have the machine inspected / repaired by a suitably qualified person. If it is necessary to replace the plug a heavy duty impact resistant plug would be preferable.

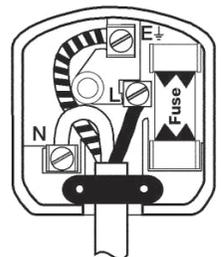
The wires for the plug are coloured in the following way:

Yellow / green	Earth
Blue	Neutral
Brown	Live

As the colours of the wires may not correspond with the markings in your plug, proceed as follows: The wire which is coloured blue, must be connected to the terminal marked with N or coloured black. The wire which is coloured brown, must be connected to the terminal, which is marked L or coloured red. The wire which is coloured yellow / green should be connected to the terminal which is coloured the same or marked



Always secure the wires in the plug terminal carefully and tightly. Secure the cable in the cord grip carefully.



GUARANTEE

Guarantee:

This SIP disc sander 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 sander 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. Consumable items such as fuses and sanding discs are not covered by the warranty.

In the unlikely event of warranty claims, contact your distributor as soon as possible. Proof of purchase will be required before any warranty can be honoured.

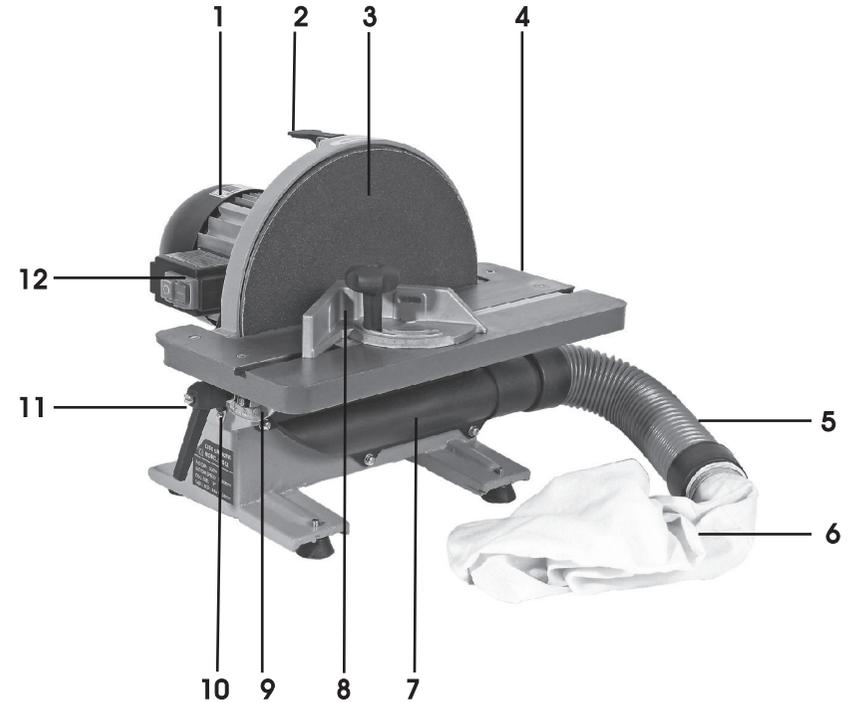


Note: Proof of purchase will be required before any warranty can be honoured.

TECHNICAL SPECIFICATIONS

Part Number	01953
Input Voltage	230v ~ 50hz
Power	550 watts
Speed	1400 rpm
Table Size	440 mm x 150 mm
Disc Ø	12"
Net Weight	34 Kg

GETTING TO KNOW YOUR SANDER



Ref. No.	Description	Ref. No.	Description
1.	Motor	7.	Extraction Hood
2.	Disc Brake	8.	Mitre Gauge
3.	Abrasive Disc	9.	Angle Scale
4.	Main Table	10.	Angle Pointer
5.	Dust Extractor	11.	Angle Locking Handle
6.	Dust bag	12.	On/Off (NVR) Switch