



375mm 360W Rotary Sieve

Instruction Manual



TPRS420

This instruction manual includes crucial information for using your new soil sieve, ensuring that you use it safely and avoid any misunderstandings, to avoid damage to the machine or injury people nearby. Please take the time to read this machine carefully, and keep it for future reference.



Please read the following safety notes and follow the instructions provided to avoid machine malfunction, damage or physical injury to the user/people nearby.

- . Make sure the voltage corresponds to the type label on the unit.
- . Never leave the rotary sieve unsupervised when in use. Keep this machine out of reach of children or persons in need of supervision.
- . Persons with limited physical, sensory or mental abilities, or lack of know how and/or lack of knowledge are not allowed to use the unit, unless they are supervised and briefed for their safety by a qualified person.
- . The rotary sieve is designed for operation under ambient temperatures between +5°C and +40°C. The surrounding humidity should be less than 50% at a temperature of +40°C. The rotary sieve can be transported and stored under ambient temperatures between -25°C and +55°C.
- . Protect your eyes and wear ear defenders while working with the rotary sieve.
- . Do not wear any loose clothing or jewellery. These can get caught up in moving parts. Non-slip footwear is recommended if working out of doors. Wear a hair net if you have long hair.
- . Never put your hand into the moving drum or any other moving machine parts.
- . Make sure all parts are securely mounted before switching on machine.
- . Never try to stop moving parts by hand.
- . Check all movable parts to ensure that they are still functioning perfectly and in compliance with specifications. The rotary sieve must be connected properly and fulfill all requirements in order to ensure proper operation of the machine. Make sure that the machine stands stable on firm ground before starting.
- . Please switch off the unit and unplug from the power supply before cleaning, maintaining or when not in use.
- . When filling soil into the drum, keep the shovel or garden fork clear of the drum and make sure the shovel or garden fork cannot become jammed.
- . Switch off the rotary sieve during rest breaks.
- . Do not operate the machine if it does not work correctly or has been damaged.
- . Do not operate the rotary sieve on an inclined surface. Always ensure the machine is standing fully horizontally on level ground.
- . Avoid operating the machine on slippery surfaces. Support the wheels with wedges/chocks when required.
- . Do not disassemble the machine and do not try to repair it yourself. Always contact customer support first.

Technical Specifications

Rated Voltage	230V
Frequency	50Hz
Rated Power	360W
Protection Class	I
Degree of Protection	IP44
Weight (Approx.)	31kg
Dimensions Expanded	1080x652x1350mm
Dimensions Folded	870x652x950mm
Drum Diameter	375mm
Drum Length	785mm
Drum Rotation	45rpm
Mesh Width	10mm
Sound Pressure Level	75dB (A)
Sound Power Level	89dB(A)

Symbol Explanation

Always keep all labels on the rotary sieve clean and readable.

- Read the instruction manual before using the unit for the first time.



- Wear safety goggles when working to protect the eyes from debris that may exit the machine.



- Wear hearing protection (such as ear defenders) when working.



- Always disconnect the power plug before cleaning, maintaining or when the machine is not in use.



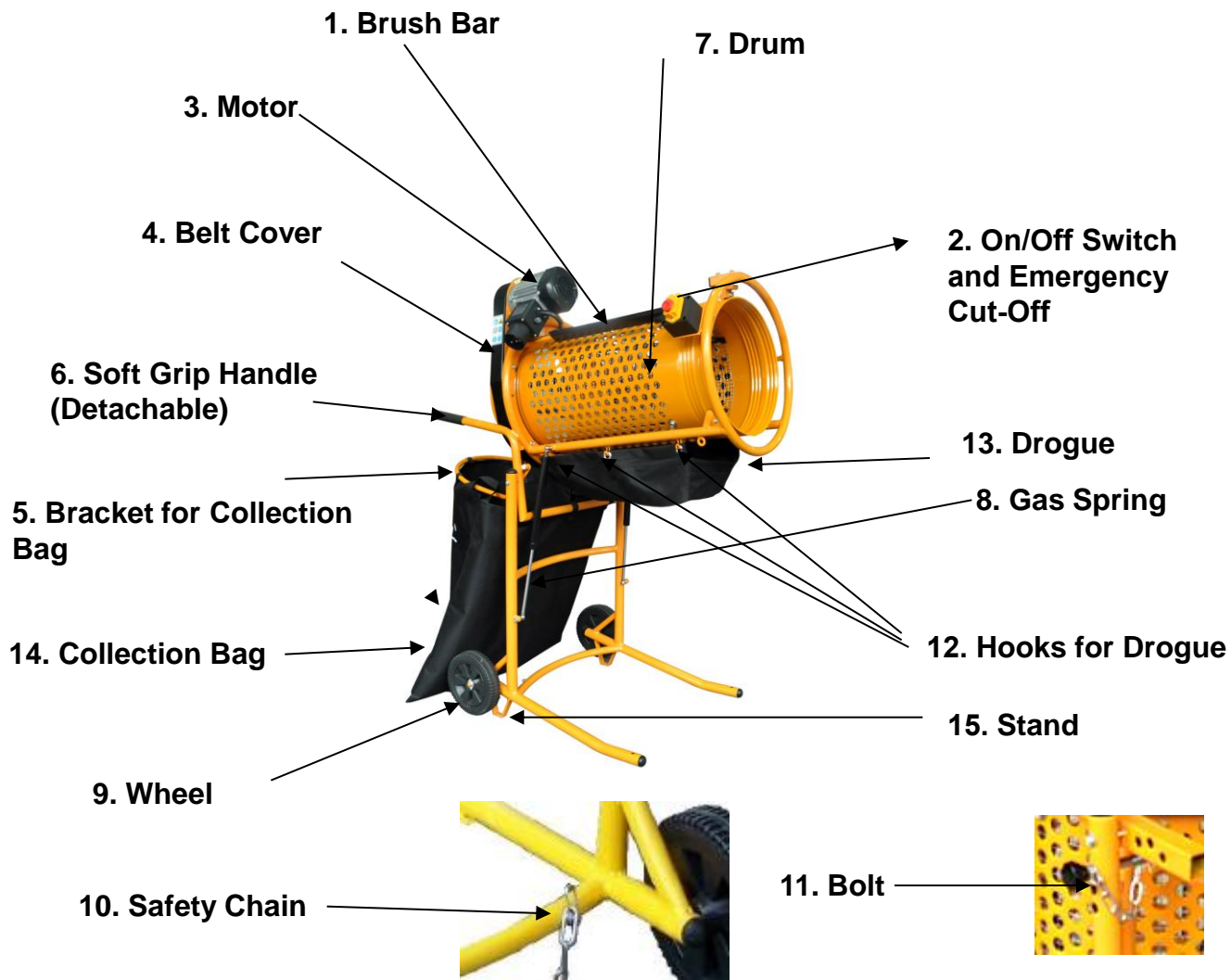
- Do not expose the unit to any jets of water such as garden hoses or high-pressure cleaners. This unit is splash waterproof (IP44).



- Caution! There is risk of being trapped. While working with the rotary sieve, never touch any moving parts of the device.



Machine Components



Assembly and Operation


Before First Use

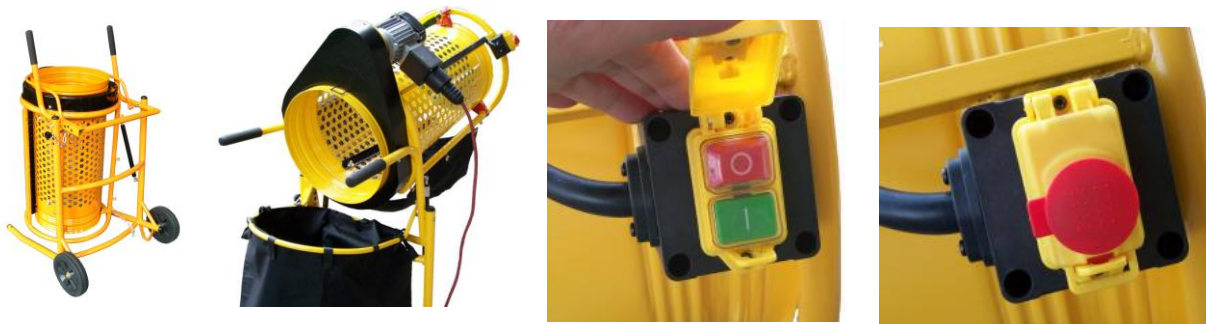
Unpack the rotary sieve and check all parts for damage in transit. Dispose of the packaging material and/or store it out of reach of children. Be cautious of plastic bags, which can be deadly if misused by small children.

Intended Use

Only use the rotary sieve for its intended use. The rotary sieve can be used to sift compost, garden soil or clumped sand, or to mix different soil types. Please also note the below tips (on page 6) in order to sift the material as thoroughly as possible.

Assembly

1. Attach the handles to the rotary sieve. Disengage the drum by releasing the safety chain (10).
2. Set the rotary sieve upright by holding on the handles and pushing your foot against the bottom bar.
3. Hook the drogue (13) from both sides on the provided hooks (12).
4. Fold down the bracket for the collection bag (5). Wrap the hook and loop the fasteners around the bracket. The rotary sieve is now assembled.
5. Connect the power plug to your power source. The rotary sieve is now ready or use. When using extension cables, make sure that plug and coupling are splash-proof. Only use extension cables with a minimum cross section of 1.5mm² that are approved for outdoor operation.
6. Make sure the rotary sieve stands as horizontally as possible. With the bolt (11) you can adjust the inclination angle for the drum. At the beginning, adjust the drum as horizontally as possible.
7. For switching on the motor, release the lid of the On/Off switch and lift it up. Press down the ON switch . Fold down the lid. For switching off the motor, press down the red button switch.



Assembly and Operation

Usage Tips

- .Before sifting the soil with the rotary sieve, make sure the soil is slightly damp. Dust-dry or very moist soil is not suitable to be sifted. Break down very clumpy soil prior to throwing it into the drum.
- . Please note if the drum is tilted too much, too much soil will be thrown out. In this case, make sure the rotary sieve stands as evenly as possible and the drum is lying horizontally. If desired, collect the already sifted soil and throw it into the drum again in order to sift it more thoroughly.
- .When sifting large amounts of soil it is recommended to place a wheelbarrow under the drogue instead of the collection bag. Place it under the bracket for the collection bag in order to collect the sorted out rocky soil, stones, wooden components, etc. and overturn the barrow at the desired location.
- .When throwing the soil into the drum, make sure to throw into the outside part of the drum, By doing this, the soil will stay in the drum as long as possible and can be sifted more thoroughly. Make sure the shovel cannot get into the drum and become jammed as this brings a risk of injury.



Assembly and Operation

Maintenance

- Always check the condition of the rotary sieve before each use. Check the safety devices, switches and mains cable. Check for loose bolts and screws, poor alignment, moving parts coming into contact, broken parts and any other factors that could affect safe operation.
- Do not continue to use the machine if there are any signs of damage. In this case, have it repaired by a qualified technician or contact the servicing department.

Replacing the Drive Belt

- Unscrew the three screws on the cover and remove the housing.
- Loosen the nut at the rear side of the housing by using a suitable open wrench and replace the drive belt with a new one of the same type.
- Lubricate the gear wheels with clean machine grease.
- Reattach the drive belt cover on the housing prior to use the rotary sieve again.

Cleaning and Storage

- Disconnect the power plug before cleaning or maintaining the rotary sieve.
- Clean the rotary sieve with a hand broom. Use a dry cloth to clean the motor housing.
- Keep the rotary sieve dry and free from stubborn dirt. Store the rotary sieve in a dry and frost-free location.
- Transport the rotary sieve as shown in the picture.



Disposal and Transportation

Disposal

Please avoid waste materials.

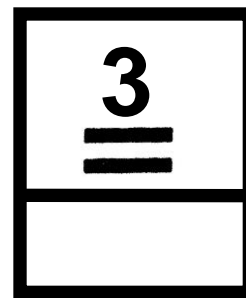
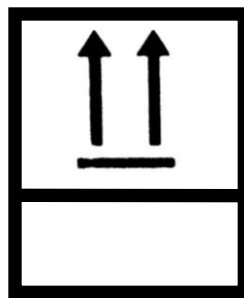
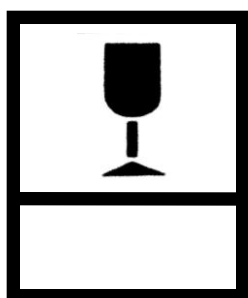
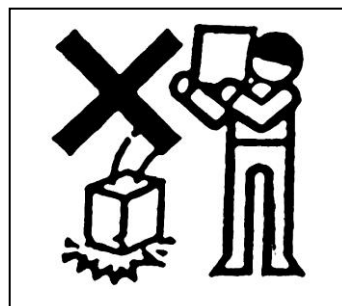
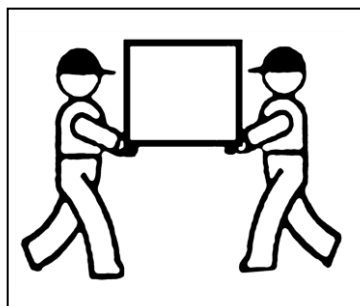
If, at some point, you intend to dispose of this machine, please bear in mind that many of its components consist of useful materials which can be recycled.

For this reason, please do not throw it in the rubbish bin, but check with your local council for recycling facilities in your area.

Transportation



Do not put the rotary sieve upside down.





UKCA DECLARATION OF CONFORMITY

We Titan Pro Ltd - DT11 7FP (Importer) declare that the product:

Designation: Rotary Soil Sieve 375mm 360W

Model(s): TPRS420

Complies with the following machinery directives:

2006/42/EC – Machinery Directive, EMC Directive (2014/30/EU), Electromagnetic Compatibility Regulations 2016

The conformity assessment procedure followed was in accordance with: EN 60204-1:2018, EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019 +A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021

Notified Bodies

Intertek Testing Services Zhejiang Ltd.

Address(es)

Building No. 2, Juanhu Science and Technology Innovation Park, No. 500
Shuiyueting, East Road, Haining City, Zhejiang Province, China

Authorised Signatory & Technical File Holder

Date:

13/03/2025

A handwritten signature in black ink, appearing to read "C. Abbott", with a horizontal line underneath.

Name: Mr. Charles Abbott

Position: Director

Company: Titan Pro Ltd

Address

Unit 11 Glenmore Business Park, Wend-Al Road, Blandford Forum, Dorset, DT11 7FP