



TIMBERWOLF[®]

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S426TDHB MULTI PURPOSE SHREDDER



SAFETY INFORMATION AND BASIC OPERATING INSTRUCTIONS

Safety instructions

1. Before using this shredder, take time to read this safety and user's guide completely. **Misuse of this equipment can cause personal injury, equipment damage, damage to property and bodily injury.**
2. Familiarise yourself with the machine and its controls prior to use.
3. Do not attempt to start or use this machine if it is damaged. Contact the hire outlet before proceeding.
4. Do not allow minors, or anyone who is unwell or under the influence of drugs or alcohol to use this machine.
5. Diesel fuel is flammable. Do not smoke when operating or refuelling.
6. Wear appropriate personal protective equipment (PPE). This includes face and eye protection and work gloves with snug cuffs. Noise levels above 85dB(A) will be experienced at the working position. Wear ear protection in compliance with EN352, with a SNR of 15dB or above. The use of a face mask is recommended if working conditions require. Do not wear loose clothing, jewellery or anything that could create a snag hazard.
7. Maintain a safety-exclusion zone around the shredder of at least 10 metres. Stop operations and turn off machine if unauthorised or unprotected individuals breach this zone.
8. Be aware that the shredder can eject material out of the feed chute with considerable force. Ensure the discharge chute is pointing into an enclosed area with a backstop (i.e. wall) which will prevent ejected material from causing injury or damage.
9. Only use this shredder in a well-ventilated area.

(Guaranteed Sound Power 120dB (A)).

Safe Transportation...

- ✓ Confirm a positive and locked connection between shredder and towing vehicle. Use the secondary coupling provided for.
- ✓ Observe maximum towing speeds. Reduce towing speed on rough or bumpy surfaces to maintain control, and to prevent damage to the machine.
- ✓ Ensure feed tray is securely latched closed.
- ✓ Verify discharge tube clamps are tight. Recheck often on long journeys.
- ✓ Check correct function of chassis lights.

Understanding the "No Stress" system...

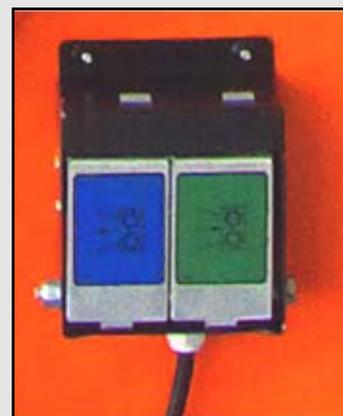
The "No Stress" system controls the feed rate of the material going into the shredding chamber. Engine speeds will vary depending on the shredder's workload. If the engine speed falls below the predetermined level, the No Stress system stops the feed rollers until the engine speed rises, at which point the feed rollers will start turning without warning, and feeding will recommence.

Understanding the "Roller Control Box" functions...

The roller control boxes are located on either side of the feed funnel. They control the feed roller that draws material into the shredding chamber. **They do not control the main rotor.**

GREEN BUTTON - Forward (IN) feed - Push the button once - this starts the roller and allows you to start shredding (as long as the engine speed is high enough - see 'No Stress').

BLUE BUTTON - Reverse (OUT) feed - Push and hold - this allows you to back material out of the roller while the button is pushed. You do not have to press the red stop bar or button before pressing the GREEN FEED button to recommence feeding. **NOTE:** It is important to check the correct function of the control box buttons before attempting to shred material. If any of the controls do not function as described above, DO NOT USE the shredder and contact the hire centre.



Understanding the "Safety STOP bar" function...

This is the large red bar that surrounds the sides and bottom of the feed funnel extension (tray). The bar is spring loaded and connected to a switch that interrupts the power to the feed roller. The switch and bar are designed so that the switch is only activated if the bar is pushed to the limit of its travel. The bar does not need to be held there to stop the roller. The feed roller stops instantly, but can be made to turn again by pressing either the GREEN FEED or BLUE REVERSE control buttons.

NOTE: It is important to check the correct function of the safety bar before attempting to shred material. If it does not function as described above, DO NOT USE the shredder and contact the hire centre.



Before starting...

- Ensure that the exclusion zone is well marked. The use of hazard tape is highly recommended.
- Locate the machine on firm, level ground. Use prop stand if fitted.
- Make sure that all guards are in place.
- Check all fluids are within operating range. Contact hire outlet if servicing is required.
- Check the fuel level. Only clean, uncontaminated, diesel fuel must be used.
- Remove the 2 rotor housing nuts and open the rotor housing fully, ensuring that the weight of the discharge tube is supported, until the housing rests against the rubber stops. Wearing gloves, check that the hammers are free to rotate on the shafts and that no material or objects are jamming or blocking them. Close the rotor housing. **WARNING!** Ensure the weight of the discharge tube is fully supported whilst opening & closing the rotor housing, to avoid injury and damage.
- Check the infeed chute and clear it of any objects.
- Adjust the discharge deflector to a safe direction.
- Wear appropriate safety gear (PPE).
- Clear the working area of unauthorised/unprotected personnel.

Starting the engine...

1. Ensure throttle lever is in "SLOW" position.
2. Insert key. Turn to "HEAT". LED comes on, wait for LED to go out.
3. Turn to start until engine fires.
4. Release key.
If the engine fails to start after 10 seconds of cranking, leave for 1 minute and try again.



Stopping the engine...

1. Reduce the throttle to idle.
2. Leave the engine to run for 1 full minute.
3. Switch the key to the "OFF" position.
4. Remove ignition key.

Shredding material...

Before commencing work, run the shredder at the high throttle setting and observe for excessive vibration. If this occurs, close throttle, switch off engine and report fault to hire outlet. **Do not use!** If excessive vibration occurs at any time during operation close throttle, switch off engine and report fault to hire outlet. The S426 is designed to shred general green waste (brush, prunings, hedge trimmings, rootballs), pallets (pre-cut to fit feed aperture), contaminated timber, uPVC plastics (window frames, etc.), domestic doors and frames (wood and plastic), cardboard, packaging materials, chipboard, MDF and other materials similar to the above. The machine will tolerate drink cans, plastic bottles, stones, rocks and concrete (up to fist size), nails, metal door furniture, glass bottles and similar items.

The machine will **not** tolerate items such as tyres, heavy duty plastic containers (used for oils, chemicals, etc.), mattresses, carpets, reinforced concrete, metallic items exceeding lightweight domestic door furniture, commercial plastic gas pipe and any similar objects to the above.

Certain materials and items should be avoided because they will become wrapped around the rotor, i.e. baler twine, rope, metal banding, or because they will be difficult to remove or clean from the machine afterwards, i.e. computer hard drives, (which contain magnet)s. When work is completed, before stopping engine, run for 1 minute to ensure no material is left in feed roller and shredding chamber.

NEVER REACH IN TO the funnel while the shredder is running, use a push stick suitable for the job. Always observe the discharge for exiting material. REMEMBER... what goes in must come out. If there is no material exiting the discharge while shredding, a blockage has occurred. You must stop the shredding operation, turn off the machine and clear the blockage. (see "Clearing blockages" on next page.)



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Clearing Blockages...

If the shredder becomes blocked:

1. Stop the engine and remove the keys. Wait for the engine to run down.
2. Remove the two rotor housing securing nuts and open the rotor housing until it rests against the two rubber stops. **WARNING!** Ensure the weight of the discharge tube is fully supported whilst opening the rotor housing, to avoid injury and damage.
3. Wearing gloves, reach into the rotor housing and remove the material causing the blockage, including any material that may have also entered the side fan casing. **WARNING!** Beware of turning the rotor whilst clearing a blockage, as this could lead to injury.
4. Next, check the discharge tube and clear any blockage if necessary, ensuring it is clear along its whole length.
5. Close the rotor housing and replace and tighten the two securing nuts. **WARNING!** Ensure the weight of the discharge tube is fully supported whilst lowering the rotor housing, to avoid injury and damage.
6. Replace and tighten the 2 rotor housing nuts.
7. Restart engine and increase to full throttle. Allow sufficient time for machine to clear any residual material before recommencing work.

NOTE

Continuing to feed the shredder with material once it has become blocked will cause the shredder to compact the material in the rotor housing and it will be difficult and time consuming to clear.

AVOID THIS SITUATION - WATCH THE DISCHARGE TUBE AT ALL TIMES.

- The machine must be returned in a clean condition. Cleaning is chargeable at the hire outlet.
- Any damage to the machine is chargeable.



Dealer /Hire Stamp