

Information correct as of November 2007











Operating Instructions Plant/Plant Section:

according to the Occupational Health and Safety Act and

Accident Prevention Regulations

VSG 3.1

# Brush Wood Chipper (Shredder)

##  Dangers to Humans and the Environment

* Cutting and crushing injuries as a result of being drawn into the feed rollers or the chipping tool.
* Crushing during repair work (e.g. disc flywheel).
* Injuries from chipped material.
* Knocks and blows from branches and tree trunks.
* Exposure to noise, dust, exhaust gases, effects of the weather.
* Leaking oils and fuels endanger the environment.

###  Protective Measures and Rules of Conduct

* The accident prevention regulations and the manufacturer's operating instructions are complied with and followed.
* Brush wood chippers may only be operated by people who have been instructed in their use.
* Operators are at least 18 years old (young people, 15 - 18 years, are under the supervision of an expert)
* Before starting work, check safety and protective devices to ensure they are in good condition and functioning

correctly (visual inspection):

* Wear personal protective equipment: Wear a protective helmet with ear and face protection, protective gloves

with cuffs, safety shoes, tight-fitting clothing.

* In the case of brushwood chippers with an external drive, the maximum permissible speed must be observed.
* People are kept away from the danger area of the bush wood chipper.
* When working in public traffic areas, the workplace is secured according to the sample signage plan.
* Before chipping, remove foreign objects (e.g. stones, iron etc.) from the chipped material.
* During operation, do not reach, bend or step into the feed hopper.
* Only use suitable auxiliary devices to continue feeding in short shredded material.
* Only remove blockages when the machine is stopped (wait for the working tools to come to a standstill) using

suitable auxiliary devices.

* Feed material that is to be chipped should be fed in in such a way that blockages are prevented (insert

branches with the thick end first and if necessary feed in smaller branches together with thick branches).

* Remain in the feed-in area only if this is necessary.
* Observe the maximum diameter of the chipped material that can be processed.
* Trunk sections or strong branches can suddenly swing out to the side (do not position the operator next to
* the branches or trunk sections, but behind them).
* Lock the discharge channel of the chipped material firmly in place and do not turn it towards the feed area.

###  What to do in the case of danger or malfunctions

* In the event of malfunctions or if the brushwood chipper is in poor condition, stop working and do not use the device again.
* In the event of danger (someone being drawn in), turn the switching lever to "Stop" or "Back" immediately.
* Remove the ignition key.

###

###  What to do in the case of accidents, first aid

First aider: Mr/Ms .......................... Emergency call: 112

* Take immediate action at the scene of the accident.
* Call an ambulance/doctor.
* Inform the business owner/supervisor.

###  Maintenance

* Observe and follow the information in the manufacturer's operating instructions.
* Carry out a visual and functional check before use.
* Carry out a check of the functioning and completeness of the safety and protective devices.
* Open the tool casing or remove the protective devices only when the drive has stopped and the working tool is at a standstill.
* Lock the flywheel in place when changing blades or carrying out similar work.
* Check the hydraulic hoses for wear at least once a year.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date Signature of the business operator

It is hereby confirmed that the contents of these operating instructions conform to the operating conditions and findings of the risk assessment.