



Failure to follow these instructions will void all warranty claims!

Our circular blades are suitable for cutting the following flexible hydraulic hoses:

- Multiple spiral flexible hoses in compliance with DIN and SAE standards with 4 and 6 spirals type 4SP, 4SH, SAE 100 P9R, SAE 100 R13 and SAE 100 R15
- Single braid flexible hoses in compliance with DIN standards type 1ST, 2ST, 1SN, 2SN, 1SC, 2SC
- PTFE and thermoplastic flexible hoses type R7, R8, MTH1, MTH2
- Rubber refrigerant hoses with textile or metallic braid type SAE J2064

WARNING:

THEY ARE NOT SUITABLE TO CUT:

- Steel spiral hoses type SAE 100R4; that is, hardwall smooth cover rubber hoses suitable for suction and delivery of hydraulic fluids, mineral oils and fuels
- Single steel wire helix with high strength synthetic textile plies

N.B.: For any hose not falling within any of the above mentioned types or for customised hoses, please contact OP service department before cutting (op@wagener-gmbh.com).

Please note the following instructions!



INSTRUCTIONS:

1. Do not use blades with machines whose shaft speed is different from that indicated by OP (3000 rpm).
2. Always check for the correct direction of rotation of the blade (as indicated by the arrow on the blade).
3. After mounting a NEW or RE-SHARPENED blade, cut the hose at a low advancement speed, this because since the blade is extremely sharpened and thin in the contact point its cutting is very high thus facilitates extremely quick sinking into the material.
Pushing the new blade too fast into the hose leads to a higher risk of overheating, hence causing an irregular wear of the teeth an increasing the fragility and the breaking risk, due the high local temperature excursions. The initial use of the blade should be considered a natural and necessary finishing process of the blade itself. If the blade is used carefully during the initial stage, it will have a regular cutting surface, higher hardness and hence last longer.



WARNING:

During the initial phase, after having installed or replaced/sharpened the blade, CUT THE HOSE AT LOW SPEED!

4. Do not operate with an excessive advancement speed, that might lead to overworking the motor and the rotation means as well as annealing the cutting edge of the knife hence losing the mechanical characteristics of the circular blade.
5. Do not move or rotate the hose during the cutting procedure.
6. Do not use lubricants and do not apply any type of solvent on the blade. Ensure that the hose has no residual oil therein so as to avoid combustion of the same.
7. Do not cut hoses or material different from that indicated by the manufacturer.
In case of doubt contact the service department for confirmation.
8. When replacing the blade, check whether the means intended to rotate the shaft show clearance and clear signs of wear, whether the shaft rotates without noise or vibrations and whether the blade is perfectly perpendicular to the cutting surface. Actuate the hose pressing lever or the slide-rebound to ensure absence of hindrances or collisions with other mechanical elements before starting the motor.
9. Re-sharpening shall be strictly carried out by OP Srl or by OP authorised centers.

