



MAGMACUT • MAGMAGRIND • MAGMAFLAP

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**MAGMAWELD ULUSLARARASI TİCARET A.Ş.**

**IMPORTANT NOTICE**

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**Vibration**

- Processes where the workpiece or machine is hand-held can cause vibration injury.
- Action needs to be taken if tingling, pins and needles or numbness is experienced after 10 minutes continuous use of the abrasive product.
- The effects of vibration are more pronounced in cold conditions so keep the hands warm and exercise hands and fingers regularly. Use modern equipment with low vibration levels.
- Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs.
- Use good quality abrasive products and keep them in good condition during their life.
- Maintain mounting flanges and back-up pads in good condition and replace if worn or distorted.
- Do not grip the workplace or machine too tightly and do not exert excessive pressure on the abrasive product.
- Avoid continuous use of the abrasive product.
- Use the correct product. An unsuitable product can produce excessive vibration.
- Don't ignore the physical symptoms of vibration - seek medical advice.

**Bodily contact with the abrasive product**

- Always take great care and attention when using abrasive products. Tie back long hair and do not wear loose clothing, fast and jewellery.
- Prevent accidental start-up of the machine before mounting or changing an abrasive product. Isolate machines from their power source where necessary.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted before starting the machine.
- Always use gloves and suitable clothing where the workplace or machine is hand-held. For gloves, a minimum protection level of EN 388 Category 2 is recommended.
- After switching off the machine, ensure the product has come to rest before leaving the machine unattended.

**Injury caused by product breakage**

- Always handle abrasives with great care, they are easily damaged. Examine all products for defects or damage before use.
- Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage and distortion.
- Coated abrasives should be stored at 18-22°C, 45-60% relative humidity.
- Abrasive belts should be hung on a rod or peg not less than 50mm diameter.
- Never use an abrasive product beyond its expiry date where marked. Observe the recommended shelf life for the following specific products: Resinoid and Shallow products 3 years, Rubber products 5 years, Vitrified products 10 years.
- Check abrasive product or package for any warnings or other safety information.
- Ensure that the correct abrasive product is selected. Never use a product if it cannot be properly identified.
- Follow the instructions provided by the abrasive product or machine supplier when mounting abrasive products. Observe any mounting indications marked on the product such as direction of run or mounting position.
- Never force the abrasive product onto the mounting fixture or modify it to fit.
- Never exceed the maximum operating speed where specified.
- Check that the correct mounting devices are used and that they are undistorted, clean and free from burns.
- Use mounting blotters where supplied.
- Do not tighten the mounting device excessively.
- After mounting or re-mounting an abrasive product, conduct a trial run at operating speed with the guard in place for at least 30 seconds, standing clear of the machine before use.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted.
- Ensure that the workplace is secure and properly supported. Ensure that work rests are properly adjusted and secure.
- Never start the machine with the workplace in contact with the abrasive product.
- Never apply excessive force or shock to the abrasive product or let it overheat.
- Do not grind on the part of the product that is not designed for the operation. Avoid grinding with the edge of abrasive belts, use the centre of the belt if possible.
- Avoid clogging and uneven wear to ensure that the abrasive product is working efficiently.



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## Aşındırıcı Ürünlerin Kullanımı İçin Güvenlik Tavsiyeleri

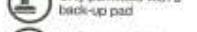
## Safety Recommendations for the Use Of Abrasive Products



Not permitted for hand-held machine



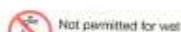
Do not use if damaged



Only permitted with a back-up pad



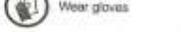
Wear eye and hearing protection



Not permitted for wet grinding



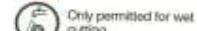
Read the instructions



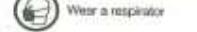
Wear gloves



Not permitted for face grinding



Only permitted for wet cutting



Wear a respirator

**Dress frequently where appropriate.**

- Let the abrasive product stop naturally, not by applying pressure to its surface.
- Turn off and spin out excess coolant before stopping the machine.
- Do not leave abrasive belts under tension when not in use.

**Grinding debris - sparks, dust and fumes**

- Exposure to grinding debris can cause lung damage and other physical injuries.
- All dry grinding processes should be provided with adequate extraction facilities.
- Do not use abrasive products near flammable materials.
- The use of respirators complying with EN149 is recommended for dry grinding processes even if extraction systems are provided.
- Guards where provided should be adjusted to deflect sparks and debris away from the operator. Take additional measures to protect people working nearby.
- Eye protection is recommended for all machine applications for abrasives. For handheld machines or workplace, goggles or full-face shields with a minimum protection level of EN166 Grade B are recommended.
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive debris and dust.

**DISPOSAL OF ABRASIVES**

- Used or defective abrasives should be disposed in accordance with local or national regulations.
- Further information can be obtained from Voluntary Product Information provided by the supplier.
- Be aware that the abrasive product may be contaminated with material from the workplace or process after use.
- Disposed abrasive products should be damaged to prevent them from being taken from waste skips and re-used.

### SAFETY RECOMMENDATIONS FOR THE USE OF FLAP DISCS FOR GRINDING WITH ANGLE GRINDERS

- Ensure the disc bears the mark EN 10743.
- Always read the safety instructions.
- Examine the disc for damage or unusual signs, never use a damaged disc.
- Check that the speed marked on the machine is not greater than the speed marked on the disc.
- Align flanges correctly, flanges incorrectly aligned.
- Ensure the guard is fitted.
- Ensure work piece is secure, never grind an unstable work piece.
- Use protective equipment.
- Only use for grinding.
- Work from side to side without excessive force, never force on the disc.

