

**PRONAMIC® H2 MAX tires and grinding plates**

for Raw Material, OPC/Clinker/Slag, Coal, Ore

**PRONAMIC® H2 MAX** are finished tires and grinding plates, manufactured with proprietary technologies, materials, and procedures for maximum service life.

**PRONAMIC® H2 MAX** are composite parts which include tough structural steel, transition layers, and the most abrasion resistant materials available and the thickest layers of all **PRONAMIC®** range. This data sheet refers to the final assembly, and not to the individual components or component parts.

With adequate materials, equipment, and procedures by **LOESCHE**, **PRONAMIC® H2 MAX** can be reused, refurbished, repaired, and recycled.

**Applications**

**PRONAMIC® H2 MAX** tires and grinding plates are designed for extreme abrasive applications under compression (three body abrasion only), such as in concrete recycling, slag grinding and ores with high silica content.

**PRONAMIC® H2 MAX** tires and grinding plates provide longer service life than **PRONAMIC® H2 Multilayer** and other known welding technologies.

**Restrictions:**

**PRONAMIC® H2 MAX** parts are designed for the normal (intended) mill operation; they should not be subjected to direct contact with foreign metallic parts, hard ceramic parts, point loading or impact loading.

To preserve the milling efficiency and product specifications, the recommendations from the Original Equipment Manufacturer regarding maximum wear depths should always be observed.

**Variants**

<b>PRONAMIC® Variant</b>	<b>Usage</b>
<b>PRONAMIC® H2 MAX – LOESCHE Ore</b>	Mineral ore raw mill applications
<b>PRONAMIC® H2 MAX – LOESCHE Raw</b>	Cement raw mill applications
<b>PRONAMIC® H2 MAX – LOESCHE Cement/Slag</b>	OPC and composite cements, blast furnace slag, slag cements and fly ash containing mixes
<b>PRONAMIC® H2 MAX – LOESCHE Coal</b>	Hard coal, lignite, anthracite, and pet coke

Note: The variant must be specified when ordering.

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**Product Features**

The outer abrasion-resistant layers of **PRONAMIC® H2 MAX** grinding parts consist of narrow weld beads in the as-welded state, with a dispersion of fine stress-relief cracks (“check cracks”).

The composition of the outer layers is variable, with comparatively higher wear resistant materials placed in the regions of most intense abrasive wear.

The distribution of materials is oriented towards maximizing the service life, and materials with different chemical compositions are used according to the intensity of wear. Therefore, the chemical composition and hardness values are variable, depending on the thickness and the position along the width of the component.

**Resurfacing/refurbishing/repair or recycling**

For best results, contact the Original Equipment Manufacturer for the resurfacing, refurbishing, repair, or recycling of **PRONAMIC®** parts. In that manner, the adequate recommendations are implemented, under proper technical supervision.

The use of **PRONAMIC®** wires, welding procedures, authorized welding equipment and workforce ensure against metallic contamination, embedded or undetected defects that shorten the service life of the component. Use of ordinary wires, inadequate welding procedures, poor welding equipment and unqualified workmanship may result in low performance, short service life and failure in service.

Always follow the recommendations from the Original Equipment Manufacturer regarding maximum wear depths to preserve the milling efficiency and product specifications.

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Welding products and techniques evolve constantly. All descriptions, illustrations and properties given in this data sheet are subject to change without notice and can only be considered as suitable for general guidance. This document is intended to help the user make the correct choice of product. It is his responsibility to assess its suitability for his intended application.