

South & Central America Bi-Metal and Carbide Tipped Band Saw Blades Market Forecast to 2028 – COVID-19 Impact and Regional Analysis– by Product Type (Carbide Tipped and High-Speed Steel), Application (Steel, Aluminium, Cast Iron, Non-Ferrous Material, and Others), and End Use Industry (Automotive, Aerospace & Defense, Machine Manufacturing, and Others)

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Abstracts

The South & Central America bi- metal and carbide tipped band saw blades market is expected to grow from US\$ 69.42 million in 2022 to US\$ 83.55 million by 2028. It is estimated to grow at a CAGR of 3.1% from 2022 to 2028.

Cost-Effectiveness of Tools that Enable High-Performance In-House Metal Sawing to fuels the South & Central America Bi-Metal and Carbide Tipped Band Saw Blades Market

Bi-metal blades are used on band saws to cut carbon steel, tool steel, structural steel, stainless steel, pipes and tubes, die steel, angles and flat stock, and mixed metal components. They are composed of two different metals. The bi-metal teeth have superior strength that can retain the blade's edge while cutting, thus allowing for maximum flexibility without sacrificing resilience or durability. The blade back is made up of flexible spring steel, which allows the bending of the blade. The teeth of blade are machined into a high-speed steel wire that is welded to the blade back using an electronic beam. The bi-metal and carbide tipped band saw blades are more robust than carbon blades, which results in a considerably longer blade life and high-

performance sawing. The fabrication and metalworking industries require band saw blades that will last longer and produce cuts of a higher quality. The bi-metal and carbide tipped band saw blades helps minimize the cost per cut, alongside ensuring a greater productivity. Moreover, due to the high cost of outsourcing manufacturing processes, many manufacturers and industrial operators are looking for more cost-effective and efficient ways to saw metals in their own facilities. The introduction of band sawing tools, such as bi-metal and carbide tipped band saw blades, having greater availability and control is providing viability to companies' abilities to cut their own metal in-house. These blades help manufacturers lower their overall operating costs by eliminating the need of outsourcing metal cutting jobs, further enhancing production efficiency by ensuring work completion within the given timeframe. Thus, bi-metal and carbide tipped band saw blades are emerging as cost-effective cutting tools that deliver high-performance metal sawing and improve production efficiency, thereby minimizing the overall cost of production in automotive, aerospace, and metal components' manufacturing facilities, which is driving the growth of the South & Central America bi-metal and carbide tipped band saw blades market.

South & Central America Bi-Metal and Carbide Tipped Band Saw Blades Market Overview

South and Central America includes Brazil, Argentina, and the Rest of South and Central America. The region is among the fast-developing bi-metal and carbide tipped band saw blades markets; however, it is less mature and slower than other regions. The bi-metal and carbide tipped band saw blades market in South and Central America is primarily driven by the increasing use of the bi-metal band saw blade by the end-use industries such as automotive, aerospace & defense, and machine manufacturing. Bi-metal band saw blade has extensive use in machine manufacturing. The off-highway equipment industry covers heavy-duty machines produced for use in numerous construction operations such as hauling, excavating, drilling, paving, and grading. The construction sector's recovery, a surge in public-private partnerships, and rapid urbanization are bolstering the demand for off-highway machines, thereby propelling the bi-metal and carbide tipped band saw blades market growth in the region.

South & Central America Bi-Metal and Carbide Tipped Band Saw Blades Market Revenue and Forecast to 2028 (US\$ Million)

South & Central America Bi-Metal and Carbide Tipped Band Saw Blades Market Segmentation

The South & Central America bi- metal and carbide tipped band saw blades market is segmented into product type, application, end use industry and country.

Based on product type, the South & Central America bi- metal and carbide tipped band saw blades market is segmented into carbide tipped and high-speed steel. The high-speed steel segment held larger share of the South & Central America bi- metal and carbide tipped band saw blades market in 2022.

Based on application, the South & Central America bi- metal and carbide tipped band saw blades market is segmented into steel, aluminium, cast iron, non-ferrous material, and others. The steel segment held a larger share of the South & Central America bi- metal and carbide tipped band saw blades market in 2022.

Based on end use industry, the South & Central America bi- metal and carbide tipped band saw blades market is segmented into automotive, aerospace & defense, machine manufacturing, and others. The machine manufacturing segment held a largest share of the South & Central America bi- metal and carbide tipped band saw blades market in 2022.

Based on country, the South & Central America bi- metal and carbide tipped band saw blades market is segmented into Brazil, Argentina and the Rest of South & Central America. The Brazil dominated the share of the South & Central America bi- metal and carbide tipped band saw blades market in 2022.

AMADA MACHINERY CO., LTD.; BICHAMP CUTTING TECHNOLOGY CO(HUNAN).,LTD; EBERLE; Gebr. Lennartz GmbH & Co. KG; ROBERT R?NTGEN GMBH & CO. KG; SNA Europe (BAHCO); and Starrett are the leading companies operating in the South & Central America bi- metal and carbide tipped band saw blades market.

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