



ETG CONSTRUCTION MANUFACTURING SECTOR



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ETG ARE YOUR CONSTRUCTION SUPPLY CHAIN PARTNER

The construction industry is a sector that constantly evolves. As nations continually undertake new infrastructure projects, the construction industry has a role in everything from buildings and bridges to tunnels, roads and homes through to earth moving, excavation and mining. The diversity of the industry is truly staggering but more diverse than the industry itself is the equipment to get the job done.

To create any structure, engineers and tradesmen need everything from the typical hand tools and cement mixers through to cranes, mining machinery, earth moving equipment, load-bearing infrastructure and so much more – it's here that the role of ETG and its partners play a critical role in the equation. ETG and its principals have a longstanding history of not only supplying technology to the industry but taking the lead in delivering increasingly innovative solutions to streamline construction projects for the industry





AXILE

The construction and 'yellow goods' industry often needs a machine with a large capacity and the ability to achieve high material removal rates. Now, the sector has found its perfect machine tool with the AXILE brand of agile and smart 5-axis vertical machining centres, mill/turn and large bed double-gantry machining centres.

For the construction and 'yellow goods' manufacturer that demands a precision machine with a large working envelope – AXILE is the machine of choice. With nimble and agile kinematics that combine with power, rigidity and speed – AXILE delivers the perfect combination for the industry. With AXILE's proprietary ART™ intelligent monitoring system, the brand helps to keep the UK's construction industry moving.



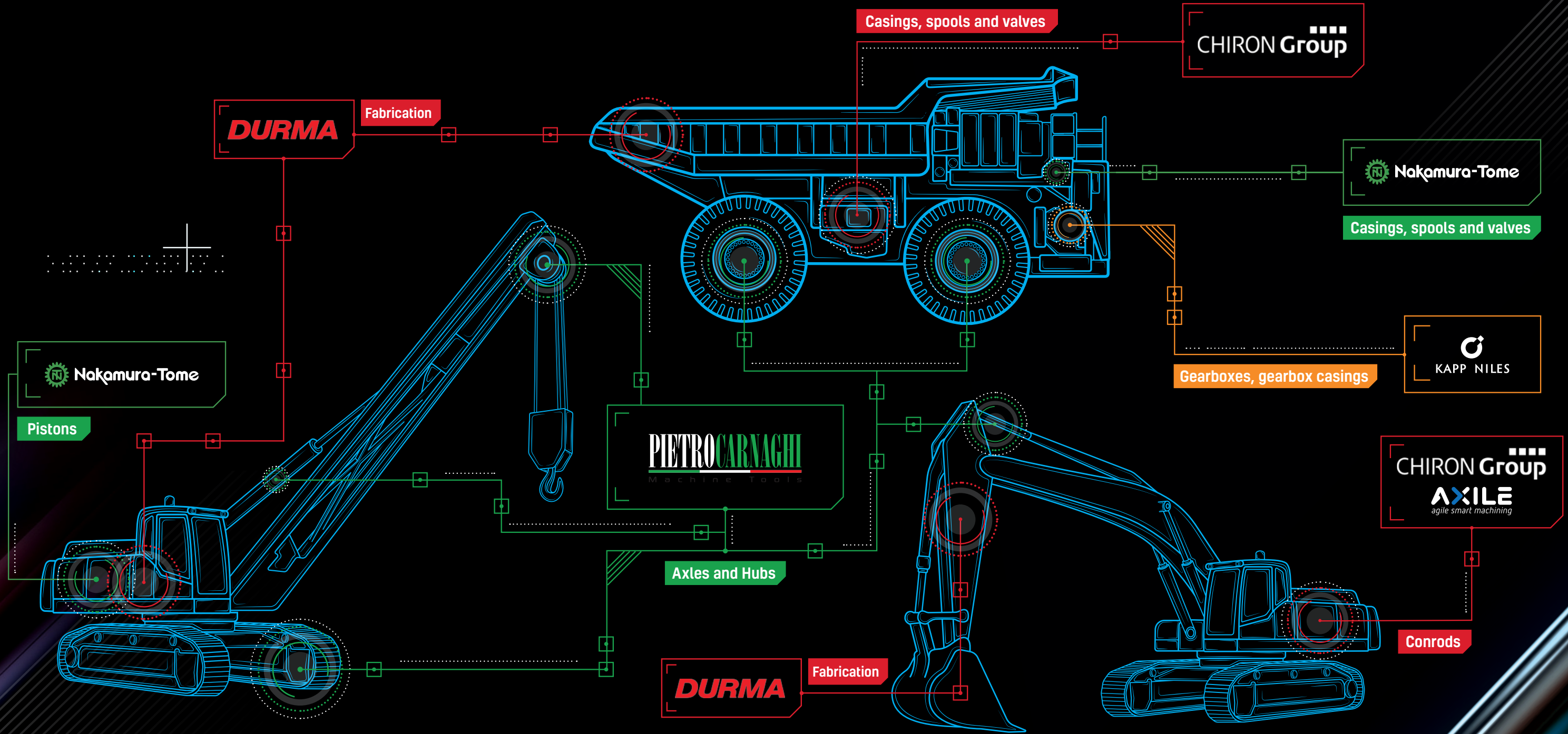
CHIRON

Like the automotive OEMs that turn to Chiron for the production of their critical components, manufacturers of large construction equipment – brands such as Caterpillar, JCB, Komatsu, John Deere, Volvo, Liebherr, Hitachi and dozens more – all require unparalleled quality, precision and productivity when it comes to CNC machining parts like conrods, blocks, hydraulic propulsion systems, cams, casings, spools and valves. Where do these brands turn when they need a solution? Chiron is the brand that is trusted by many of these globally renowned OEMs. If you need an industry-leading CNC machining centre for the manufacture of your high-performance construction equipment parts – Chiron should be the first name on your list.



DURMA

The construction and earth-moving sector has rapidly evolved its designs and innovations to reduce fuel consumption, create greater efficiencies and integrate more ergonomic and productive designs for the end users. Nowhere is this more apparent than in the chassis and body of the vehicle. Now, manufacturers will be delighted to know that their pressed, punched or formed sheet metal parts can be delivered by ETG and the DURMA brand. The DURMA product range stretches from servo, hydraulic and electric press brakes, laser and fibre laser cutting, bending centres, plasma cutting, guillotine shears, tube bending, punch presses and automated loading/unloading technology for lights-out production. All of this can be enhanced further with solutions to integrate multiple machines into a production line with sheet stacking, rotary tables, part ejection and pick to pallet, ERP and production planning integration, Industry 4.0 and Cloud solutions and real-time production analysis.



CONSTRUCTION PRODUCTION



NAKAMURA TOME

When it comes to turning technology, there is very little you cannot learn from a Nakamura-Tome machine. As the world leader in the design and manufacture of single-process, multi-tasking turning and mill/turning machines, Nakamura has established a reputation beyond reproach. The Japanese brand that is available from ETG utilises the most innovative technologies in its high-precision CNC turning centres. The result is a machine tool solution that can manufacture components for any industry at a speed, precision and quality level that stretches far beyond that of other brands.



KAPP NILES

When it comes to highly engineered solutions for finishing gears, gearbox casings and profiles, KAPP NILES is the globally renowned 'go-to' company for everything that involves gear manufacture. Initial thoughts may be 'what do gears have to do with construction?' Well, very few heavy-duty machines in the construction industry would function without gears.

Regardless of whether it is a small digger or dumper through to the largest tunnel boring machines, backhoes, excavators, or bulldozers – all these types of machinery require high-precision ground gears to function at the highest and most efficient level possible. This is why the leading names in the industry are using machines from the KAPP NILES brand for profile grinding, generation grinding, dressing and grinding tools as well as measuring machines and solutions. When you want precision, you need KAPP NILES



PIETRO CARNAGHI

Pietro Carnaghi is a brand synonymous with the construction industry, working with recognised manufacturers around the world. Pietro Carnaghi is proud to have a lengthy list of customers that are among the most well-known manufacturers of mining equipment and earth-moving technology.

Pietro Carnaghi vertical lathes are involved in the production of many of the components related to the most sophisticated construction projects and the respective machinery used in the industry. With a vast array of vertical turning centres, large vertical turning centres, automation systems, gantry milling machines and vertical machine tools for turning and milling, Pietro Carnaghi machines demonstrate extreme rigidity. It is the capacity to ensure the required precision and quality challenges are achieved in the machine construction to deliver years of high-performance operation, even with rough machining or difficult tasks, is what sets Pietro Carnaghi machines apart from its rivals



CONTACT ETG - THE CONSTRUCTION PRODUCTION, MACHINE TOOL SPECIALISTS

If you are a cutting tool manufacturer, or a company involved in education manufacturing for the mould-making sector, ETG's principals will have a solution for your component manufacture. Please call 01926 818 418 to find out more or contact us via email.





Making Engineers Champions...

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