



DELKOR WORKSHOP

It pays to talk to a specialist

Our new state-of-the-art workshop offers 10,131 m² of covered space comprising five bays for fabrication and a buy out store. Our bays are fully equipped with cranes ranging from 2 t to 25 t, and facilities also include a grit blasting booth and a painting booth each 144 m² in size. Three open areas for large assemblies and storage comprise a total of 29,127 m². Our workshop is fully equipped with a comprehensive suite of advanced machinery for precision, high quality manufacturing.

Being ideally located close to the major international transport routes, fabricated components and equipment are despatched timeously to Tenova projects worldwide, meaning that the right parts arrive on time and on budget.

CAPABILITIES

We boast significant experience in all generally used construction materials including carbon steel and stainless steel, 3CR12, etc., and are able to offer the complete spectrum of engineering and manufacturing services in our well-equipped workshop.

SCOPE

As specialists in the fabrication, fitting, painting and testing of metal products and machine shop parts, our workshop provides dedicated facilities to service the fabrication needs of the global Tenova Group.

Our workshop combines all operations under one roof, from storage of raw materials through fabrication, machining, corrosion protection and fitting, to packing and dispatch.

This reduces the movement and transport of components from one operation to the next, improves efficiency, limits damage and reduces cost:

- Storage, handling and dispatch: Facilities include the storage of raw materials including steel plate, steel sections, stocks of pre-manufactured components, and open yards for the out-loading of finished products
- Fabrication: A full range of equipment for sawing, cutting, guillotining, bending, boiler making and welding
- Machining: This covers all machining needs and includes turning, drilling, milling and shaping
- Corrosion protection: Grit-blasting and painting is conducted to international specifications
- Fitting: Trial assembly, testing and final assembly for dispatch

QUALITY

Our workshop QA/QS and SHE initiatives are fully aligned to the DELKOR Quality Policy, and are supported by:

- Certified ISO 9001:2015 compliant
- Defined Inspection Test Plan (ITP) procedures and documentation
- SHE committee oversight and guidance

Our international team of qualified and experienced engineers, quality inspectors, technicians and skilled workers ensure the consistent manufacture of quality products that meet the high standards expected by the global Tenova Group and our clients worldwide.

A SAMPLING OF PRODUCTS FROM OUR WORKSHOP

Solid/liquid separation equipment manufactured includes:

- DELKOR Thickeners and Clarifiers, 3 m to 100 m dia. in carbon steel and stainless steel
- DELKOR Horizontal Belt Filters up to 162 m² in carbon steel, stainless steel and other exotic duplex steel
- Agitators, both top and side entry, various sizes in carbon steel and stainless steel
- DELKOR BQR Flotation Cell tanks and mechanisms up to BQR 3000 (300m³)
- DELKOR Belt Linear Screens up to 40 m² in size
- DELKOR APIC Jigs up to 4 m in size
- DELKOR Filter Presses
- DELKOR Automatic Flocculant Plants
- DELKOR Thickener drive heads up to SR310-8 model
- DELKOR Gravity Sand Filters
- Attrition scrubbers

In addition to a wide range of solid/liquid separation equipment, our workshop produces a variety of metal and mineral processing equipment for Tenova customers worldwide. Recent projects include:

- 6 MVA silicon metal furnace for Bosnia
- KCC Gimcheon plant for Korea
- 6 HC FeCr plant for Kazakhstan
- 20 MW PGM furnace for South Africa
- 32 MW silicon furnace for Iceland
- Reactor crusher
- Alkaline and rinsing tanks
- Water quench tanks

MAJOR MACHINES IN OUR WORKSHOP

- CNC flame and plasma cutting machine with cutting cable table 3 m x 12 m
- Semi automatic double column band saw cutting machine with miter cutting, capacity 300 mm dia rod and 300 mm square
- Geeka iron worker with punching power 110 kN / 11 t
- Radial drilling machines with a drilling capacity of 63 mm in steel plate and threading M42 x 3
- Plate rolling machine with max width 2.5 m and 25 mm thick plate
- Sectional bending machine suitable for angles 110x100x12 and channels ISMC 125

TAKRAF, a Tenova company, is an integrated solutions provider to the global mining, bulk material handling, minerals processing and beneficiation industries, offering innovative technological solutions as well as process and commodity knowledge along the industry value chains. With the integration of the well-known DELKOR and Tenova Advanced Technologies (formerly Bateman Advanced Technologies) brand of products into TAKRAF as specialized product lines, our portfolio for the minerals processing and beneficiation sectors has been considerably enhanced.

DELKOR is an industry specialist in solid/liquid separation and minerals processing applications for the mineral, chemical and industrial markets, offering flotation, sedimentation, filtration, screening, and gravity separation systems. Services offered by DELKOR range from test work, process optimization and flowsheet design, to installation, commissioning and aftermarket support.

DELKOR's track record in solid/liquid separation and mineral processing applications stretches back to the seventies with more than 3,000 successful installations worldwide.

Specialists from DELKOR offer an unmatched combination of experience and product-based knowledge that is enhanced through sharing of the company's extensive experiences worldwide. Clients therefore benefit from face-to-face technical discussions with DELKOR local experts who are able to draw upon global experiences so as to offer clients the best local solution. DELKOR aims to be your global, local specialist.

DELKOR'S CONSOLIDATED AND ENLARGED WORKSHOP incorporates the facilities and capabilities of the previous three workshops under one roof, providing dedicated, state-of-the-art product engineering and manufacture of components and complete equipment in one facility. The workshop services both DELKOR and the entire Tenova Group, supplying customers globally with high quality fabrication of key equipment.

TAKRAF and **DELKOR** are committed to environmental and social sustainability in their business interactions, and have adopted a Zero harm approach to safety under the SAFETY FIRST promise of Tenova.



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