



A wide-angle photograph of a large industrial manufacturing facility. The space is filled with various pieces of heavy machinery, including lathes, mills, and workbenches. The floor is concrete, and the walls are made of corrugated metal. Large windows on the right side allow natural light to enter the space. A worker in a white shirt and dark pants is visible on the left side of the image. The overall atmosphere is one of a busy, functional industrial environment.

OUR PRODUCTION FACTORY



machtec
ENGINEERING & SUPPLIES (PVT) LTD



FOR YOUR ENQUIRIES PLEASE E-MAIL
sales@machteceng.co.zw



OUR MISSION

Our mission is to thrive for engineering excellence through innovation, value oriented solutions, timely and reliable service, quality driven production, responsible citizenship and a commitment to success. We are a well-established and profitable company, responsive to clients needs, committed to managerial excellence and poised to capture new and interesting opportunities. Attention to detail is of top priority.

OUR VISION

Our vision is to be the most trusted and most efficient premier provider of various engineering services throughout Zimbabwe. We believe that our mission will be accomplished through organization, hard work and the ability to satisfy our clients' needs. We will –

- Practice engineering with the highest level of professionalism possible.
- Foster an internal environment of innovation, collaboration and trust so as to efficiently coordinate and
- preserve a highly qualified and reliable staff.
- Thrive to maintain a profitable organization and protect the public welfare to the best of our ability.

In so doing, Machtec Engineering and Supplies will become our customers' partner of choice, our industry's employer of choice and our shareholders' investment of choice.

GENERAL BUSINESS ACTIVITIES AND PRODUCT LINE

Machtec Engineering and Supplies is a full-service production and design firm specializing in mechanical, electrical, mining and structural engineering. Equipped with a wide range of industrial machinery, operated by experienced and qualified engineers and artisans, processes such as casting, fabrication, forging and machining are executed to meet the clients every need. In addition, we offer on-site services for refurbishment of plant equipment.

Our Electrical Division specializes in the supply of all Electrical, Lighting, Safety and related products to mines and industry. We supply a full range of cables including LT and HT Power cables; Instrumentation, Fibre Optic, Telecommunication, Trailing and Welding Cables. We also supply the whole range of Electric motors, Transformers, Starters, Distribution Boards and Motor Control Centres.



CASTING

We are experienced in designing and manufacturing complete machines and component parts especially used for the mining industry such as Spur gears, Sprockets, Splined shafts, Pinions, Conveyor pulleys, Racks, Bushes, Bearings and mineral processing equipment and spares such as Ball and Rod mills, Jaw crushers, Rolled shells, Cast mill ends, Stamp mills, Vibrating screens, Liner bolts, Wheels, Rolling Stock-Wagon bogies, Side frames, Bolsters, Centre Pivots, Brake beams, Cast manganese frogs, Blocks and



MACHINING

Our machining section is fully equipped with machinery such as Vertical and Horizontal borers, CNC, Turret and Centre Lathe machines, Planners, Gear cutters and Milling machines to ensure that we deliver quality products tailored to meet the exact specifications of the client. We also specialize in rolling stock and turnouts production of Automotive and Rail equipment and spares such as Wagon Axles, Brake beams, Shoes, Tankers, Draw box trailers, Centre pivots, Side frames, Nuts, Bolts and Bolsters.



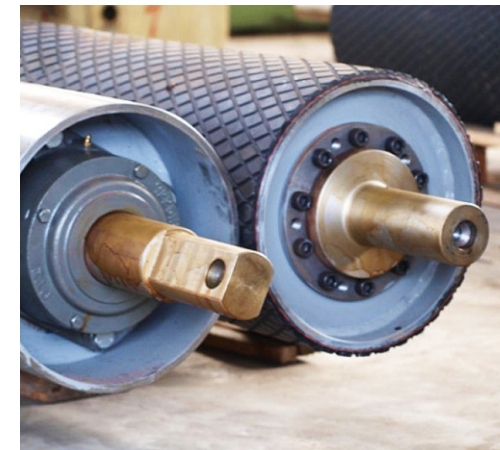
FABRICATION

Given the depth of the machinery at our disposal, we are also able to produce fabricated turnout frog units, stock and checks, stock and tongue, track tools, fastenings, coach screws, fish plates and also the fabrication of structural, electrical and water engineering components such as Pipes, Manholes, Electrical power supports, Building stunnions, Trusses, Telephone posts, Conveyor systems, Tanks, Agitators, Collar joints, Valves, Bends, Tees, Couplings, Reducers and Hydrants.



FORGING

We manufacture great volumes of forged Mill liner bolts, Nuts, Studs, Shafts and this forms a major line of our forging production.



MACHINED WORKS

- Cast and machined components such as Spur Gears, Bevel Gears, Girth Gears, Sprockets, Pinions, Racks, Couplings, Splined Shafts, Bushes and Bearings for various Ore Milling machinery and Furnace Plants.
- Cement Kilns and Spares, Trays, Nose Rings, Trolleys, Lifter Buckets, Chutes, Grates, Links, Mill Shells, Mines Cars, Pulleys and Conveyor Systems, Rollers, Duct Suppression systems, etc.



MINING AND PROCESSING

- Mineral Processing equipment such as Ball Mills, Hammer Mills, Stamp Mills, Crushers, Rod Mills, Vibrating Screens, Feeders, Liners, Jaws, Fly Wheels, Etc.
- Forged Mill Liner Bolts, Nuts, Studs and Shafts are also a major line of our production. Manufactured from High Tensile Steel, Mild Steel and Stainless Steel.



WATER ENGINEERING AND FABRICATIONS

- We manufacture to specification various fabricated water and storage products such as Silos, Stationary Fuel Tanks and Drums, Cone Chutes, Heat Exchangers, Boiler and Furnace Shells and Bulk Tankers. We also supply Boiler Seamless Tubing ASTM/A249, Steam Tubing Schedules 40/80, Stainless Steel Process Pipes ASTM/A270, Brass and Bronze Pipes and Tubes, Sheets, Bars, Angles, Channels and Plates.
- Other Fabricated items include Electricity Power Supports, Building Stuntions, Conveyor Systems, Sheet Metalwork Items, Electricity and Telephone Posts, Fabricated Pipes and Manholes, Bends, Tees, Reducers, Short Collar Joints and Valves and Machine Weld-On and Screwed Flanges.



STRUCTURAL STEEL AND ARCHITECTURAL METALWORK

- We manufacture and supply high grade Roof and Floor Systems which include Ultra Span Truss Systems ideal for quick industrial applications. Trusses are designed to be easy to handle and to install on site. Bracings and Connections are very secure. Additionally, we supply Stainless Steel Pre-Fabricated Handrails, Balustrade and Balcony Kits ideal for any domestic or industrial applications.
- We also design, manufacture, supply and install State of the Art Steel Bridges and Canopies. Our portfolio includes Metal Decking, Pre-Fabricated Sheds, Toll Gates, Road Rails, Steel Frames, Beams and Columns which are all manufactured to SAZ Standards and validated by our highly qualified Structural and Mechanical Engineers.



ROLLING STOCK AND TURNOUTS

- We manufacture and supply the following rail network components; Gondola Wagons, Tar and Fuel Tankers, Cattle Wagons, Coal Wagons, Hopper Wagons all of which are 15 to 18 Ton Axle Capacity. We are also able to supply Complete Gloucester A3 Ride Control Bogies, Side Frames and Bolsters, Brake Beams and Sholes, Centre Pivots and Axles, Link and Alliance Complers and Monobloc Wheels and Tyres all to AAR and ISO Standards.
- Our workshop is well and best equipped to manufacture and machine various Points and Crossing units (Turnouts), Frogs, Stock and Tongue, Stock and Check of the following types; E2/4, H1/2, J/K, F3 and G2. These can be made from 30/40/45/54kg/m Rails which we able to supply various lengths needed.

PAST AND CURRENT PROJECTS AND AFFILIATIONS

Over our 27-year tenure, we have done, and continue doing, jobs for large locally and internationally recognized firms across Zimbabwe, providing efficient service delivery and maintenance of various equipment and mechanical components. Some of our main projects and spares supplies were done for the following:

COMPANY	PROJECT AND SPARES	YEAR
ZIMASCO KWEKWE	Systron – Supply and Fit, Switch Gear – Supply and Fit, Crane and Plant Spares	2021
GOLDEN VALLEY MINE	Main Hoist Shaft and Bronze Bushes, Gears and Sprockets	2021
MUROWA DIAMONDS	Supply of Plant Mechanical Spares – Conveyor Pulleys and Gears	2019
PPC ZIMBABWE	Dump Chute –Fabrication, Kiln Cooler No 4 – Refurbishment, No1 Mill Separator, Conveyor Lifter Buckets, Plant Spares	2014
J. M. NKOMO AIRPORT	Airport Upgrade: Steel Umbrellas, Vertical Columns and Canopies	2006
ZIM SCHOOL OF MINES AUDITORIUM	Steel Roof and Canopy, Structural Steelwork Supply and Fit	2006
AA MINES	Fibre-rizes and Cyclones – Refurbishment	2006
HIPPO VALLEY ESTATES	Cane Cars – Refurbishment and Modification, Trailers – Fabrication, Chiredzi water works – Platforms & Rail	2005
N.R.Z.	Rolling Stock and Spares, Points and Crossings	2002
BLYTHVILLE INVESTMENTS	New Office Block Roofing – Supply and Fit, Extension of Workhouse Steel Structure	2002
HWANGE COLLIERY	De-tarrers, Stainless Steel Tanks – Benzol Rectification, Points and Crossings	1998



Tel: 0292-881759/60

Email: sales@machteceng.co.zw

Address: 35 Old Khami Rd,
Steeldale H.I.S, Bulawayo

Web: www.machteceng.co.zw



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