



SIMPLIFYING FACTORY SETUP AND EXPANSION

Offering turnkey factory setup solutions—prefeasibility, financing, invoice discounting, machine supply, design, project management, raw material procurement, skill transfer, and market access & offtakes.

INTRODUCTION

Mahabir has done over 120 in-house and outsourced projects in India and Africa in the form of consultations, supply of machines and full turnkey solutions.

Mahabir Projects Division specializes in setting up factories in Africa. We have years of experience in providing comprehensive solutions to help you establish or expand your factory operations and aim to promote economic growth and development in the region by creating job opportunities and improving the living standards of the communities we work with.

OUR AREAS OF EXPERTISE INCLUDE

PRE FEASIBILITY

Our pre-feasibility studies are crafted by a team of experts, including retired production managers from Mahabir's friends and family factories. These seasoned professionals use their decades of experience, alongside insights from reputable consultancy firms, to ensure a complete and accurate analysis. Our deep-rooted connections with Mahabir's friends and family factories ensure that the insights we provide are not just theoretical but grounded in real-world, hands-on experience across multiple sectors.

FUNDING

Alongside engaging with DTT, NEF, and government bodies, we work with international EXIM banks and venture capitalists to secure both working capital and machine financing. Mahabir's partners can help by supplying raw materials, easing financial pressure on your project. Our partnerships with invoice discounting companies enable rapid credit access for goods supplied to large clients, ensuring smooth operations.

MACHINE SUPPLY

We carefully select a mix of automatic and semi-automatic machines based on our budget and requirements, to minimize reliance on highly specialized labor and keep production costs competitive. We often draw from our network of partner factories and leverage the expertise of managers who have run similar operations. This approach helps us choose the most suitable machinery and ensures effective cost management.

FACTORY SETUP

We can provide a bird's eye view of the factory layout and machine design to ensure optimal efficiency and cost reduction. Applying lean manufacturing principles, we will account for adequate space for raw material and finished goods storage, and design the plant with potential future expansion in mind. We will also plan for forward and backward integration by incorporating additional machinery as needed, ideally within the same premises. For example, designing the compressor system in a loop rather than a straight line can prevent air pressure drops and significantly enhance factory efficiency.

PROJECT MANAGEMENT

We assign a specialized project manager to each project, overseeing it from start to finish and providing guidance throughout. We also aim to connect you with an experienced entrepreneur who has worked in a similar industry or is currently running a factory. This expert will be available for guidance, helping to reduce the learning curve for both entrepreneurs and production managers by drawing on years of industry experience.

RAW MATERIAL PROCUREMENT

Mahabir Projects recognizes the critical role of reliable raw material supply for your factory or partner factory project. Our team specializes in sourcing high-quality, cost-effective raw materials to meet your production needs and ensure smooth operations. Depending on the nature of the factory, we aim to source materials from the same suppliers used by the partner factory to secure the most competitive pricing and minimize errors. By leveraging our large purchasing power, we guarantee both competitive pricing and timely delivery.

INSPECTION SERVICES

We offer free inspection services for all material procured from India to ensure quality and compliance. Our team conducts thorough checks before dispatch, giving you confidence in the materials you receive, and minimizing the risk of delays or defects. Our inspection control does not restrict to merely doing a visual inspection, We do strict quality control on test certificates of raw material and undertake multiple inspection agencies with whom we have long term agreements and a competitive price negotiation for inspections. Detailed 30 to 40 page inspection reports are created with photographic evidence of all goods. Inspection is conducted at 3 to 4 levels., when raw material is procured, one inspection takes place, another one takes place during the manufacturing process. The way Mahabir stands out in the inspection process is to use experts with industry domain knowledge to conduct inspections which we draw upon from a pool of retired in house inspection agents which we have developed over the years.

SKILL TRANSFER - HIRING AND TRAINING OF MANAGER

All partner factories of Mahabir are entitled to have a retired expert provided at Mahabir's expense for skill transfer and quality improvement. We also strive to facilitate training by sending your senior production manager to a partner factory or vice versa. We have partnered multiple companies across the world, primarily from Europe, where we draw upon from a pool of retired professionals who can come and do skill transfers to your production managers and do better quality control.

MARKET ACCESS AND OFFTAKES

Mahabir and its partner companies operate across multiple African countries. With the Africa Free Trade Agreement in place, there is a significant opportunity for cross-selling within the continent. We aim to facilitate off-takes from our partner companies and help you expand into new markets. This leverage can accelerate your market entry, saving you years of effort compared to starting from scratch.

PROJECT SETUPS/EXPANSION OF FACTORIES:

Our team has extensive experience in providing end-to-end project setups, expansions, and both backward and forward integration of factories. We collaborate closely with you to understand your specific needs and develop tailored solutions to help you achieve your goals. With project division offices in China, we ensure that your project is delivered seamlessly and at a competitive price.



MR. MPHO PARKS TAU
Minister of Trade, South Africa

INVOICE DISCOUNTING

We have established relationships with invoice factoring companies in Sub-Saharan Africa that can factor your invoices for supplies made to blue-chip companies within four to five hours. By leveraging these networks, we help you plan your finances better and address supply chain challenges. Additionally, one of our partner companies, which supplies to your factory, can offer exposure and extend credit to ease working capital issues

CAPITAL INFUSION:

In some cases, factories need short-term capital infusion to stay operational. At Mahabir Projects, we can step in as joint venture partners if the entrepreneur's vision aligns with ours. Our team of experts will work with you to secure the necessary capital and ensure the factory's long-term success. We can leverage ECGC support to further facilitate financing and risk management.

TRAINING OF ENTREPRENEURS:

We provide training to entrepreneurs in similar factories overseas to improve their manufacturing processes. Our training program is designed to equip entrepreneurs with the necessary skills and knowledge to improve their processes and drive success.

DEVELOP AN EXPORT BASED MARKET:

We recognize that a strong export market is crucial for your business growth. Our team is equipped to help you develop and expand an export-based market for your products. We work with you to build a robust market presence and enhance your competitiveness on the global stage.

FREE EUROPEAN RETIRED PROFESSIONALS:

We offer our clients access to retired European professionals with extensive experience in the manufacturing industry. These experts can help enhance your manufacturing processes, provide technical guidance, and transfer valuable knowledge to your staff.

TURNAROUND OF SICK UNITS:

We partner with banks in Africa to identify non-operational factories due to issues like inadequate manpower, incorrect raw materials, or funding challenges. Our approach offers both advisory and operational solutions tailored to each client's needs. For factories that are closed or struggling, our experts focus on adding value through improved sourcing, marketing, export opportunities, or refining manufacturing processes. Our goal is to revitalize these factories and restore their profitability.

EXPLORE PROJECTS

Our projects are designed to create job opportunities, provide affordable products, and improve the living standards of the communities we work with. Our previous projects include:

01 | PASTA FACTORY IN LUANDA, ANGOLA

The pasta factory we set up in Luanda, Angola, was set up to meet the growing demand for pasta products in the local market. By setting up this factory, we were able to provide job opportunities while also encouraging the growth of the wheat industry and agriculture sector in the region. This, in turn, helps to improve the overall economic condition of the area.

02 | WOOD DOOR FACTORY IN LUANDA, ANGOLA

We established a wood door factory in Luanda, Angola, to cater to the growing demand for high-quality wooden doors in the local market. This project not only provided job opportunities but also encouraged the growth of the timber industry in the region.



At Mahabir Projects, we believe that our work contributes to the economic growth and development of Africa. We strive to create sustainable, profitable, and socially responsible projects that benefit both our clients and the communities we work with. If you are interested in partnering with us on your next factory project in Africa, we would be happy to discuss your ideas and work together to create a successful project.



03 | FLOUR MILL IN LUANDA, ANGOLA

We set up a Flour Mill in Luanda, Angola. This is another example of our commitment to promoting agriculture and value addition. This allowed us to further process wheat and corn to produce high-quality flour for value addition and extra income for the farm. In addition to meeting the demand for flour in the local market, this project encouraged local farmers to improve their farming practices and yield, thereby increasing their income and improving their livelihoods.



Food Manufacturing and Processing

- Corn / Wheat Flour Mill
- Pasta Factory
- Cooking oil refinery
- Biscuit Factory
- Bread Factory
- Jam Factory
- Tomato Paste Factory
- Noodle Factory
- Mayonnaise Plant
- Potato Chips Line
- Flour Improvers
- Rice and grain packaging
- All kind of canned food
- Packaging lines
- Sugar Mill
- Various Sauces Manufacturing
- Salted Peanuts Manufacturing (Private Label)
- Tea Plant

Mineral & Mining

- Mining Equipment
- Mineral Beneficiation
- Earth moving equipments
- Platinum Mining
- Charcoal Manufacturing
- Coal Mining
- Ferro Alloys
- Mine slurry systems

Plastics

- PVC Pipes
- HDPE Pipes
- Labour Protection Equipments
- Strip Doors
- Floor Epoxy Paints
- Preforms

Textiles and Clothing

- Uniform Factory
- School & Corporate Uniforms
- Tents & Marquees Manufacturing
- Doctor gown manufacturing

Early Stage Assessment & Financing

- Pre Feasibility Studies
- Grant Assistance
- Partial Investment
- Invoice Discounting
- Joint Ventures

Consumer Product Sector

- Cosmetic Productions
- Footwear Manufacturing
- Hair Extensions Manufacturing
- Hair Product Manufacturing

Steel & Fabrication

- Transmission towers
- PreFab Structures
- Porta Cabins
- Overhead Water Tanks
- Angles & Channels
- Section & Beams
- Roofing Sheets
- Rebar
- Scaffoldings
- Rail Guards
- GI Pipes
- Air Compression Piping
- Steel billets
- Valve Manufacturing
- Roof Tiles Plant
- Trailer Manufacturing

Wood Processing

- Wood drying kilns
- Wood door factory
- MDF Production Line
- Ply Board Factory
- Coffin Manufacturing
- Saw mill
- Furniture - School and Office
- Pallet Production Line
- Wooden flooring
- Seasoned Wood
- Wood panels and joinery

Packaging

- Tin can production line
- Sauce dip cups factory
- Flour packaging line
- PP woven sacks
- Sachets & Bucket line
- Corrugated Packaging
- Blister Packaging

Healthcare

- Medical Equipments
- Dental Equipments
- Turnkey Hospital Setup
- Various Equipment
- Medicine Factory - Malaria drugs, paracetamol, syringes, Drip bottle

Material Handling

- Forklifts
- Cold Storages
- Conveyor Belts
- Loading - Unloading Ramps
- Cranes - Overhead, Sideways
- Heavy material handling

Marketing

- Offtakes
- Export Development
- Private Labeling

Agriculture & Processing

- Large turnkey farm setup
- Farm Management
- Irrigation Systems - Drip, Pivot
- Fertilizers, Pesticides, Manure
- Pre Harvest Equipments - Tractors, Sowers, etc
- Post Harvest Equipments - Thresher, Harvester etc
- Skill Transfer
- Hydroponic Farms
- Poultry Farm Setup
- Milk Farm Setup
- Pine Plantation
- Citrus Farming
- Cannabis Production

Electrification Solutions

- Transmission Towers & Lines
- Substations
- Steel Poles
- Wood & PSSC Poles
- Crossarms
- Fences
- Foundation Bolts
- All types of fasteners
- Cable Trays

Green Solutions

- Solar Farms
- Gas Manufacturing
- Biogas Plant Setup
- Wind Farm Setup

Chemicals

- Detergent Production
- Urea
- Soap noodles
- Sulphuric Acid

Others

- Paraffin Wax
- Air Compressors
- A4 Papers
- Electrical Panels
- Bicycles

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