



# **BUILDING FOR INDIA** **BANKING ON INDIA**



Know More





# Empowering Infrastructure. Enabling Progress.

**BTL EPC Limited** stands among India's fastest-growing heavy engineering, EPC and manufacturing companies, delivering integrated solutions across the core sectors powering India's economy.

With **60+ years** of engineering expertise, **BTL EPC** delivers complex projects across Power, Steel, Mining, Oil & Gas and other major sectors. Its manufacturing capabilities span heavy industrial equipment, bulk & ash handling systems, underground mining systems & specialised process equipment.

Combining engineering, manufacturing and project execution, **BTL EPC** brings technical depth and execution strength to every project. Our investments in technology, talent and infrastructure reflect our long-term commitment to industrial growth, infrastructure development and expanding global opportunities.

## Our Divisions

**Bulk material handling | Ash handling | Coal chemical | Underground mining | Strategic business | Power transmission**

# Bulk Material Handling Division

From design to commissioning concept on EPC basis, catering to the following sectors:

- **Mining and minerals:** Handling of iron ore, bauxite, limestone, coal, etc.
- **Power plants:** Coal handling systems for thermal power stations.
- **Steel:** Raw material handling systems, slag handling system.
- **Ports and terminals:** Ship loading/unloading of coal, fertiliser, grain, etc.
- **Fertiliser:** Urea baggage handling.



NTPC Pakri Barwadih Coal Mining Project

## Ash Handling Division

Complete ash handling system for power plant on EPC basis, consisting of:

- \* Bottom ash system - both dry and wet form
- \* Coarse ash system
- \* Fly ash system - dry and wet form
- \* HCSD (High Concentration Slurry Disposal) system
- \* Lean slurry disposal system
- \* Silo unloading system



High Concentration Slurry Disposable Pump at Yadadri



Ash Handling Plant at Adani Power, Raigarh

## Coal Chemical Division

### Products

Coal chemical division manufactures critical components and provides turnkey solutions for coke oven by-product recovery.

- |                         |                                  |
|-------------------------|----------------------------------|
| ▪ Absorber              | ▪ Recuperator                    |
| ▪ Agitator Tank         | ▪ Saturator                      |
| ▪ Condensate Tank       | ▪ Decanter                       |
| ▪ FBD (Fluid Bed Dryer) | ▪ Primary Gas Cooler             |
| ▪ Pressure Vessels      | ▪ Electrostatic Tar Precipitator |



Ammonium Sulphate Plant for SAIL (Bokaro), Jharkhand

# Underground Mining Division

## Underground conveyors and Drive heads supplied

|                                           |          |
|-------------------------------------------|----------|
| INDU                                      | 2x600 KW |
| Ultratech                                 | 2x315 KW |
| JMS Mining                                | 2x250 KW |
| Eastern Coalfields                        | 2x500 KW |
| Parasea-Belbaid mine project for Gainwell | 2x275 KW |



Underground Mining Conveyor – 500 kW Drive Unit for ECL, Pandaveswar, West Bengal

# Strategic Business Division

## Projects

- 10T ESR at MSF Ichapur, West Bengal
- Hydraulic forging press for steel complex of AJ Ambazari, Maharashtra
- 3 MW solar plant at MES Panagarh, West Bengal



Hydraulic Press for OFAJ, Ambazari, Maharashtra

# Power Transmission Division

## Projects

- Power transmission corporation of Uttarakhand Limited, 220 kV D/C & 132 kV transmission line
- 132 kV D/C transmission line on panther conductor from Pithoragarh (PGCIL) to Champawat (Lohaghat) in Uttarakhand
- 3 MW solar plant at MES Panagarh, West Bengal



Power Transmission Project, Uttarakhand

# Manufacturing Units

With state-of-the-art manufacturing facilities spread across over 10,00,000 sq. ft., the company manpower, and a strong vendor network.

## Our footprint includes:

- Kolkata – 3 units
- Kharagpur – 1 unit
- Durgapur – 1 unit

- Belt conveyor systems and components
- Equipment for bulk material handling projects
- Ash handling equipment
- Tanks for various systems
- Pressure vessels
- Refinery columns
- Ducts
- Steel silos



# Products

We offer the following Assembly Units/Accessories, including various components such as:

- Trippers
- Flap Gate
- Rod Gate
- R/P Gate
- Slew Drive Shaft
- Telescopic Chutes All
- Kinds
- Wheel Choker WT
- Guide Wheel Assy SAC
- Gear Box
- Bucket Elevator
- Drive Shaft Assy PF, BW,
- WT
- Blades Paddle Wheel
- Idler
- DE System
- Drive Pinion Assy SCR
- Drive Shaft Assy SAC
- Wheel Gripper Of WT
- Pully
- Paddle Feeder
- Shuttle Conveyor



**Conveyor idler**



**Pulley**



**Paddle feeder**



**Rack & pinion gate**



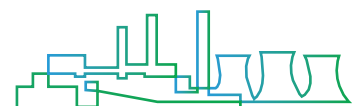
**Travelling tripper**



**Drive head**



**Telescopic chute**





**Coal Mining Plant at BHEL, Yadadri, Telangana**

## Projects Executed

- **Coal Handling Plant** — BIFPCL Maitree Power Plant, Bangladesh
- **Raw Material Handling Plant** — SAIL-DSP, West Bengal
- **Pet Coke Handling System** — IOCL, Paradip, Odisha
- **EPC for Urea Bag Handling & Wagon Loading System** — HURL, Sindri, Jharkhand & Barauni, Bihar
- **Coal Handling Plant & Wagon Tippler Package** — NBPPL, 1×500 MW Unchahar, Uttar Pradesh
- **Ash Handling Plant & Coal Handling Plant** — Adani, Raigarh, Chhattisgarh
- **Coal, Limestone & Gypsum Handling Plant** — Yadadri 5×800 MW Power Plant, TSGENCO, Telangana
- **Ash Handling Plant Package** — BHEL, Yadadri, Telangana
- **Port Handling System** — Ganga Berth, Haldia Dock, West Bengal
- **Coal Handling Plant** — Ennore SEZ, Tamil Nadu
- **Coal Handling Plant** — Sagardighi, WBDCL (A/C BHEL), West Bengal
- **Urea Handling & Bagging Package** — Talcher Fertilizers Limited, Odisha
- **Udangudi Main CHP Conveyor Package** — Tamil Nadu
- **Main Conveyor Package (CHP, LHP & GHP)** — Talcher TPP, Stage III, Odisha
- **Coal Handling Plant** — NTPC Lara, Chhattisgarh
- **Coal Handling Plant** — NTPC Pakri, Jharkhand
- **Coal Handling Plant** — NTPC Talaipalli, Chhattisgarh
- **Coal Handling Plant** — NTPC Sipat, Chhattisgarh
- **Coal Handling Plant** — NTPC Kerandari, Hazaribag, Jharkhand



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