A leading provider company of:

- Turn-Key Facility Projects,
- Renovation projects,
- Revamping / Upgrading projects,
- Production of complete MELTSHOPS and ROLLING MILLS with an over 30 years of experience in the Iron and Steel Industry from machinery to TURN-KEY facilities.

Main activity is to built up the integrated steel plants consists of;

- Meltshop for billet production
- Bar Rolling Mills to produce Rebars Wire Rod Mills
- Various Light/Medium Section Mills can be produced according to customer needs and requirements.
BLS has over than 150 employees and highly qualified and experienced engineers and technical staff especially involved in design and management of the projects.

**Our powerful points:**

- Top-level engineering solutions
- Dedicated project teams
- The best economical solution approaches
- Flexibility depending on the customer needs
- Tailor made and unique solutions for each inquiry
- Well-equipped machinery park

Rolling Mill & Meltshop Technologies
Our Facilities:

I. BLS Headquarter: Located in KALAMIŞ-KADIKÖY-İSTANBUL

II. BLS Machinery Factory-1: Located in Dilovası where the iron and steel sector is highly concentrated and the machinery industry is most sophisticated.

III. BLS Machinery Factory-2: Located at the Industrial Zone in ISPARTA 130 km faraway from ANTALYA harbour

IV. BLS – ERMAKSAN Gearbox Manufacturing Plant in ANKARA
BLS DILOVASI FACTORY

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BLS-ERMAKSAN FACTORY-3

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R&D-RESEARCH AND DEVELOPMENT
Apply of:
✓ Best available Technologies for human and environment health
✓ Improvement of the energy and production efficiencies
✓ Development of high technologies,
✓ Reduction in operational costs.
✓ Creation of unique solutions with the own technology in design and production
✓ Usage of the own OPERATIONAL know-how
SITE INSTALLATION SERVICES
TECHNICAL ASSISTANCE FOR THE OPERATION

In order to achieve the most competitive production levels, BLS supplies;

- The technology transfer to achieve optimum productivity and efficiency levels.
- The production management systems,
- The production planning,
- The quality control,
- The maintenance and spare parts management,
- The operational cost control,
- The production organizational structure, industrial engineering and safety.
- The trainings in different levels
Rolling Mill & Meltshop Technologies

Top-level engineering solutions with operative excellence and dedicated project teams

WORLDWIDE CUSTOMERS
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<td><strong>ALBANIA KURUM INT.</strong></td>
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<td><strong>ALBANIA KURUM INT.</strong></td>
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BLS
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Top-level engineering solutions with operative excellence and dedicated project teams

WORLDWIDE PROJECTS & REFERENCES

SIRJAN HADIDE - IRAN
30 TPH Rolling Mill Plant

FOOLAD ALBORZ TAKESTAN CO. - IRAN
Roughing Mill

KAMAZ CO. - TURKMENISTAN
Various Rolling Mill and Meltshop Equipments

ERBIL STEEL CO. - IRAQ
30tpph to 60tpph Rolling Mill Plant Revamping

GEOSTEEL - GEORGIA
Various Rolling Mill Equipments

ENCE - RUSSIA
Various Rolling Mill and Meltshop Equipments

ZARANDIE HIRBOD STEEL - IRAN
700,000 TPY Bar Mill Plant

KARDEMİR - TURKEY
SPECIAL QUALITY ROUNDS FINISHING LINE

DILER - TURKEY
Various Rolling Mill Equipments

ÇAĞÇELİK - TURKEY
2ea 200tons Cold Shear

AĞİR HADDECİLİK - TURKEY
Various Rolling Mill Equipments

KARDEMİR - TURKEY
Rail Hardening System

MOJTANE E NAVARD NAB AZERBAIJAN -IRAN
Medium Section Mill Revamping

ENCE - RUSSIA
1,000 tons Cold Shear

ARCELOR MITTAL - UKRAINE
BAR HANDLING SYSTEM

FOULAD NAB TABRIZ - IRAN
F Ly SHEAR

MOJTANE E NAVARD NAB AZERBAIJAN - IRAN
Upgrading and revamping to produce npn 180-200-220 & ipe 180-200 by the use of 180-200 blooms and to improve the product quality

FOULAD NAB TABRIZ - IRAN
Housingless intermediate stands

MUGHAIL IRON & STEEL - PAKISTAN
Section mill revamping with universal mill addition

MUGHAIL IRON & STEEL - PAKISTAN
Bar mill revamping to apply two line slitting

DILER - TURKEY
Wire rod mill reels handling system
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MAIN PRODUCTION ACTIVITY

MACHINERY and EQUIPMENT FOR IRON AND STEEL INDUSTRY
### MACHINERY & EQUIPMENT FOR IRON AND STEEL INDUSTRY

#### EAF-ELECTRIC ARC FURNACE AND LF- LADLE FURNACE EQUIPMENT

- EAF Shells, Roofs, elbows,
- Teeming and Transfer Ladles
- Lances
- Lifting Devices
- Ladle Tilters/Rotators
- Ladle Stands
- Tundish Equipment (Stands, Tilters,)
- Scrap Buckets
- Clam-shell Scrap Buckets.
- Hot Metal, Torpedo, Cars
- Lifting Bails and Laminated J-Hooks.
- AOD and BOF Vessels

#### CC MACHINE EQUIPMENT

- Ladle Turrets
- Tundishes
- Tundish Cars
- Moulds
- Withdrawal and straightener
- Pinch Roll
- Billet Shears (oxy gas, pendulum or hydraulic type)
- Dummy Bar
- Billet Cooling Beds (stationary, turnover)
- Oil Skimmers
## ROLLING MILL EQUIPMENT

- Reheating Furnace
- Billet ejector
- Billet pusher
- Pinch Roll at the furnace exit
- Furnace billet/bloom pusher
- Descaler
- Pinch Roll for roll biting
- Pendulum Shear
- Mill Stands
- Vertikal&Horizontal Gearboxes
- Loopers for non tension rolling
- Quenching Box for Bar Tempering Process
- Cooling Bed Flying Shears-Start/stop or clutch/Brake types

- Cold Bar Shear
- Circular Saws (hot or cold)
- Chain Transfers
- Bar Counters
- Short Bar Out units
- Bar/Profile Bundling Units
- Magnetic Stackers for sections
- Bundle weighers
- Bundle conveyors
- Billet shears
- Bundle bending Machine
- Cooling Beds
- Crop Shears
- CB Flying Shears
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WORKSHOP
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PINCH ROLL
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UNIVERSAL MILL STANDS
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ROBOTS FOR ROLL CHANGING
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COMBINED PINION REDUCERS FOR VERTICAL MILL STANDS
COMBINED PINION REDUCER FOR HORIZONTAL MILL STAND
UNIVERSAL JOINT (CARDAN) SHAFTS
QUENCHING BOX FOR BAR HEAT TREATMENT PROCESS (TEMPCORE)
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QUENCHING BOX NOZZLES FOR BAR HEAT TREATMENT PROCESS (TEMPCODE)
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GUIDES
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CRANK SHEAR
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COLD SHEAR
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COLD SHEAR 1000 Tons
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COLD BILLET SHEAR
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COOLING BED AREA
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PACKING AREA
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TYING MACHINE
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SOME OF OUR TURN-KEY SOLUTIONS
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SOME OF OUR TURN-KEY SOLUTIONS
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SOME OF OUR TURN-KEY SOLUTIONS
EBT-ECCENTRIC BOTTOM TAPPING  TYPE EAF- 80 TONS PER CAST
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EBT-EAF BOTTOM SHELL SLAG DOOR
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Top-level engineering solutions with operative excellence and dedicated project teams
Rolling Mill & Meltshop Technologies

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EBT-EAF ROOF
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EBT-EAF WC PANELS
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EBT-EAF-VIEW of WATER COOLED PANELS
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EBT-EAF-UPPER SHELL
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LADLE TRANSFER CAR
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VARIOUS CARS
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LADLE TRANSFER CAR
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LADLE TRANSFER CAR
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CCM-LADLE CAR WITH TWO EYES
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Top-level engineering solutions with operative excellence and dedicated project teams

LF-LADLE FURNACE-WC PANELS
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EBT-EAF BOTTOM SHELL
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EBT-EAF BOTTOM SHELL - ELBOW
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EBT-EAF WC PANELS
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EBT-EAF HEART
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DUST SILOS
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CCM-HYDRAULIC BILLET SHEAR
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WATER COOLED TYPE ROLLER TABLE
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BILLET CROSS TRANSFER CAR
EBT-EAF ALLOY CHARGING FOR EBT-EAF and LF
Quality is our priority. Every detail of the machinery parts produced is examined, measured and tested according to customer requirements by trained quality engineers. Quality Control at every stage of manufacturing for each part. Every measurement equipment is calibrated periodically according to calibration standards.