COMPANY PROFILE · 2026

BLD Forge Direct

Forged flanges and drawing-based forgings — manufactured by Shanxi Baolongda Forging Co., Ltd., Shanxi, China

BLD Forge Direct is the international RFQ desk of Shanxi Baolongda Forging Co., Ltd. Forging, machining, heat treatment and inspection are done in our own shops and laboratory in Dingxiang County, Shanxi Province, which is why drawings, material substitutions and inspection scope can be answered by the people who do the forging.

Website www.bldforgedirect.com
Email quote@bldforgedirect.com
Phone / WhatsApp +86 180 9217 8292
RFQ contact Tom Fan, Sales Director
Plant Wei Village, Shenshan Town, Dingxiang County, Xinzhou City, Shanxi Province 035400, China (山西省忻州市定襄县神山乡卫村)
Name on the certificates Shanxi Baolongda Forging Co., Ltd.

The plant behind the quotation

MONTHLY OUTPUT
About 3,000 t
Our own forge, heat treatment, machine shop and lab.

TEAM
270 employees
Including 15 quality and inspection engineers.

COMPANY REGISTERED
24 March 2010
Unified Social Credit Code 9114092155147945X7; verifiable at www.gsxt.gov.cn.

FORGING EQUIPMENT
8 t, 3 t and 2 t hammers
Plus a 1 t air hammer and a 1,000 t electric screw press.

RING ROLLING
Rings to 2,500 mm OD
D53KS-2500 radial-axial mill, 600 to 2,500 mm OD and 40 to 600 mm high; D51 mill to 1,500 mm OD; rings above 2,500 mm OD from partner forges near our plant.

MACHINING
100+ CNC machines
CNC lathes and drilling machines, CNC vertical lathes to a 5,000 mm table, a CNC gantry drilling and milling machine and an 8 m horizontal lathe.

WHAT WE SUPPLY

- Weld neck, long weld neck, blind, slip-on, threaded and socket weld flanges
- Spacers, paddle blanks, anchor flanges and nipoflanges
- Custom forged rings, cylinders, wheels and bowls
- Tube sheet forgings
- Valve body forgings and pressure-component forgings to drawing

SIZE, RATING AND STANDARDS

- ASME B16.5 tables: Classes 150–1500 at NPS ½–24, Class 2500 at NPS ½–12; above NPS 12 we forge Class 2500 to your drawing
- ASME B16.47 Series A and B, NPS 26–60
- EN 1092-1 and DIN, by PN; we make up to PN 400
- GOST 33259, 12820 and 12821
- JIS B 2220 and KS B 1503 dimensions (we hold no JIS Mark or KS mark)
- Project drawing or purchase specification

MATERIAL GRADES

- ASTM A105 and A105N carbon steel
- ASTM A350 LF2 low-temperature carbon steel
- A182 F304 / F304L, F316 / F316L, F321 and F347 stainless
- Duplex and super duplex grades when specified by the project
- Chrome-moly A182 F11, F22, F5, F9 and F91
- Alloy steel or drawing-specified grades subject to feasibility review

BEST-FIT ENQUIRIES

- EPC and contractor line-item packages
- Distributors and stockists building flange inventory
- Petrochemical, power and pressure-vessel buyers
- Marine and offshore supply chains
- Maintenance RFQs sent as a drawing rather than a catalogue code

Lead time: 9 to 30 days after drawing approval. Commercial terms: page 2.

MANUFACTURING, INSPECTION AND EXPORT

How an order is made and proved

Inspection and document requirements are reviewed before quotation, so price, lead time and acceptance requirements are agreed against the real technical scope rather than discovered at release.

PROCESS ROUTE

- Raw material preparation and cutting
- Open-die forging, hot ring forming and forming to drawing
- Heat treatment
- Rough machining, final turning, drilling and facing
- Dimensional control, marking, protection and packing

IN-HOUSE INSPECTION SCOPE

- Chemical analysis and PMI
- Tensile, impact and hardness testing
- UT, MT and PT
- Dimensional and geometric reports
- Third-party and witnessed inspection arranged per project

Before shipment, every forged flange in alloy steel, low-temperature steel or stainless steel is checked by quantitative spectrometer analysis to catch mixed material. Every steel mill certificate is checked before the material is used: we scan the mill's own QR code or look up the heat number and certificate number in the mill's online system.

DOCUMENT SET

- MTC EN 10204 3.1 and heat-treatment records
- Dimensional report and PMI report
- NDT reports at the level the specification requires
- Certificate language and destination document rules confirmed before order

EXPORT PREPARATION

- Anti-rust oil, IPPC-marked wooden cases (plywood that needs no fumigation, or heat-treated or fumigated solid wood), steel-strapped pallets with tarpaulin for large parts, and line-item marking
- Correspondence in English, Russian or Arabic, with English and Russian document support
- PO line list, shipping mark, port and country confirmed before dispatch

Markets we quote for: Russia and the CIS, Central Asia, India and South Asia, the Middle East and Gulf, Europe, Japan and Korea, Canada and Australia. We have shipped to 17 countries: Canada, Australia, the United Arab Emirates, Saudi Arabia, Kuwait, Jordan, Oman, South Korea, Japan, Brazil, Mexico, Argentina, Russia, Kazakhstan, Uzbekistan, Germany and India. For buyers in Russia and Central Asia, we deliver to Khorgos on the China–Kazakhstan border, and the buyer arranges the freight across the border.

Customers. Customers include Alfa Laval, ADNOC, HD Hyundai Heavy Industries, Samsung Heavy Industries, Sinopec and PetroChina. We passed supplier audits by Alfa Laval in 2018, by Samsung Heavy Industries and Sinopec in 2024, and by ADNOC, PetroChina and HD Hyundai Heavy Industries in 2025.

Commercial terms. Reply time: we reply to every RFQ within 8 hours. **Minimum order:** 1 piece. **Lead time:** 9 to 30 days after drawing approval. **Delivery terms:** FOB the Chinese port you designate, Incoterms® 2020; we usually ship from Tianjin; CFR or CIF to your destination port quoted on request; other Incoterms® 2020 terms, except EXW and DDP, on request. **Payment:** 30% deposit with the order; the balance is paid in full when the goods arrive at the port in China that you designate. The same applies to FOB, CFR and CIF.

Sending an enquiry

FOR A FLANGE LINE ITEM

- Standard and pressure class or PN rating
- Size, DN or NPS, bore or pipe schedule
- Facing: RF, FF or RTJ, and drilling pattern
- Material grade and any low-temperature requirement
- Quantity, destination country and packing requirement
- Inspection and certificate scope: MTC 3.1, dimensional, PMI, UT / MT / PT

FOR A DRAWING-BASED FORGING

- Drawing with its revision number
- OD, ID, height or thickness and final weight target
- Machining allowance and which surfaces are final-machined
- Material grade and heat-treatment condition
- Tolerance class and datum scheme
- ITP, NDT level, witness points and certificate language

CERTIFICATES AND APPROVAL REFERENCES

Published in full, with their own limits

Fifteen certificate and approval references are published as readable previews at www.bldforgedirect.com/inspection-documents/, each shown with its scope and validity and each opening directly as a PDF with no request step. Where a certificate sets a condition on itself, that condition is printed here with it rather than left out.

ISO 9001 — quality management
Quality management system certificate used for supplier qualification and document review.

ISO 14001 / ISO 45001 — environment and occupational health and safety
Environmental and occupational health and safety management certificates for qualification review.

ISO 50001 — energy management
Energy management system certificate for project files that request energy-management references.

PED 2014/68/EU, Annex I, 4.3 — material manufacturer quality system
Our quality management system for materials is assessed by Notified Body 0045 under PED 2014/68/EU Annex I, 4.3, certificate 0045/202/WZ/1698/24, issued 25 July 2024 and valid until June 2027. The range is hot-formed forgings and forged flanges in non-alloyed and alloyed steel, up to 400 mm thick and 7,000 kg.

READ IT AS An assessment of our quality system for materials, under which we may issue certificates of specific tests on those materials. It is not a product certificate for our flanges, and its range names non-alloyed and alloyed steel only, so we do not claim stainless under it.

AD 2000 W0 — material manufacturer
Material manufacturer certificate reference for applicable European pressure equipment projects.

ASME Section II Part A — material conformity
Materials certified to ASME Section II Part A by TÜV NORD under type approval plus factory inspection. Certificate of Conformity No. CER-IND1105842412004001 Rev. A, issued 25.02.2025, valid to 24.02.2028, subject to annual surveillance audit.

READ IT AS Sample-based material conformity assessment. It does not imply an assessment of series production, it is not a quality-system certificate, and it carries no ASME Code stamp authorisation. We describe it as materials certified to ASME Section II Part A by TÜV NORD, and never as anything wider than that.

EAEU (EAC) certificate of conformity — forged flanges
Forged flanges are covered by EAEU Certificate of Conformity No. ЕАЭС RU C-CN.АБ53.В.04310/22 (Series RU No. 0332155) against technical regulation TR CU 032/2013, valid 24.04.2022 to 23.04.2027.

READ IT AS Shanxi Baolongda Forging Co., Ltd. is the manufacturer named on the certificate; the applicant of record is YURAL GROUP LLC (ООО «ЮРАЛ ГРУППП»), Moscow, because EAEU rules require an applicant registered inside the Union. EAC is a market-access conformity certificate, not a GOST standard certificate, and the two are not interchangeable.

CNAS laboratory accreditation — ISO/IEC 17025
CNAS accreditation No. L24083 for our Physical and Chemical Center (Shanxi Baolongda Forging Co., Ltd. Physical and Chemical Center), to ISO/IEC 17025:2017, valid 5 September 2025 to 4 September 2031.

READ IT AS An accreditation of our in-house laboratory. The accredited scope covers tensile, impact and bend testing; our other laboratory tests are outside it. The schedule that lists the scope is attached to the certificate and is not reproduced in this profile.

Product carbon footprint verification
Product carbon footprint verification statement for carbon steel forgings, for buyers whose supplier file asks for an environmental figure.

Third-party testing on our own production

In December 2023 the Zhejiang Academy of Special Equipment Science type-tested three weld neck flanges taken from our own shop floor and issued one report for each: YSY202450080 on a flange in 16MnD, YSY202450081 on a flange in S22053 and YSY202450082 on a flange in F91. Each report is published complete on the website, page by page, alongside a table of what it does and does not contain.

Special equipment type-test certificate TSXY7410100272024500 09
The certificate the three reports belong to, valid 2024-01-11 to 2028-01-10 under type-test rules TSG D7002-2023.

READ IT AS The type-test body states that keeping production consistent with the type-tested sample stays the manufacturer's responsibility. A type test is evidence of process capability on the sampled article; it is not a certificate for your heat, your size or your pressure class, and it does not replace order-specific inspection.

CLASSIFICATION SOCIETY AND VENDOR-SYSTEM RECORDS

Six societies, six different scopes

These are separate documents with separate scopes. None of them is a blanket product approval across our range, and each is described below only as what its own certificate says.

Korean Register — manufacturing process approval, steel forgings

Korean Register approved our steel-forging manufacturing process for 22Cr and 25Cr duplex stainless steel, certificate No. DLN51990-SF001. The approval covers open die forging to a maximum of 3 000 kg and runs to 14 December 2030.

READ IT AS It approves a manufacturing process, not a product. Approval Condition 2 on the certificate reads that individual product certification is required unless otherwise specifically exempted, so this approval sits behind per-item certification and does not replace it. Approval Condition 1 requires raw material from manufacturers approved by the society, or otherwise satisfactory to the surveyor. The scope is open die forging only, so a die-forged or closed-die flange is outside what was approved. The "Max. 3 000 kg" line is a single limit printed across the whole scope and is not broken down by material.

ClassNK — approval of manufacturing process, forging and heat treatment

Nippon Kaiji Kyokai (ClassNK) issued an Approval of Manufacturing Process for our forging and heat treatment of carbon steels, alloy steels, stainless steels and duplex stainless steels, the duplex line printed with ASTM A182/A182M. Approval No. ST628CF, Certificate No. TA2677E, valid 23 January 2026 to 22 January 2031.

READ IT AS It approves a manufacturing process; it is not a product certificate and not a JIS certification. Products for ships classed with the Society are still to be manufactured, tested and inspected in compliance with the Rules, and the certificate's remark requires semi-finished products from Society-approved manufacturers. It prints no weight limit or forging method, and none should be borrowed from another society's certificate.

ABS — forge facility approval

ABS forge facility and process approval reference for marine and offshore supplier review.

READ IT AS This certificate states its own weight limits per material family on its attachment page. Those figures are not the Korean Register figure above: the two documents have to be read on their own terms, and their weight limits must never be merged or the larger one quoted as if it applied to both. Ask for the attachment page if a weight limit matters to your enquiry.

Bureau Veritas — recognition

BV recognition reference for steel forging approval and qualification document review.

DNV — steel forgings approval

DNV approval reference for steel forgings and project supplier qualification files.

Lloyd's Register — steel forgings approval

Lloyd's Register approval reference for steel forgings and marine project review.

APPLIES TO ABS, BV, DNV AND LR Each of these four certificates prints its own steel families, a weight limit for each family and its own expiry date; forging method and section limits, where printed, differ from one to the next. We send the relevant certificate in full rather than summarise it, so your reviewer reads the scope the society actually wrote.

ADNOC supplier system — manufacturer listing under UAE representation

SHANXI BAOLONGDA FORGING CO., LTD is listed as a manufacturer in the ADNOC supplier system under UAE representation, manufacturer ID 20036654, facility country China, held through representation by Fusion Engineering Suppliers L.L.C-S.P.C with agency expiry 12 January 2028. Two flange product groups carry the status **Pre-qualified**: product group 160730 FLANGES & BLINDAGE, and product group 160744 FLANGES FOR PIPES - CS/AS/SS.

READ IT AS Pre-qualified is the status field the supplier system shows for those two product groups, and that literal status is the whole of what it says. It is a vendor-system status rather than an approval issued by a certification body, it is held through a UAE representative rather than directly, and it carries no validity of its own beyond the agency expiry date above.

Send drawings and specifications to quote@bldforgedirect.com
Request a quote www.bldforgedirect.com/send-rfq/
Phone / WhatsApp +86 180 9217 8292
RFQ contact Tom Fan, Sales Director, BLD Forge Direct (Shanxi Baolongda Forging Co., Ltd.)
Certificates and datasheets www.bldforgedirect.com/inspection-documents/ — certificate PDFs open directly, with no request step. The fuller supplier prequalification pack is reviewed before release and is requested at www.bldforgedirect.com/prequalification-pack/