

BAJAJ STEEL INDUSTRIES LIMITED

AN ISO 9001: 2015, 14001: 2015 & 45001: 2018 CERTIFIED COMPANY



A MULTI-PRODUCT ENGINEERING COMPANY



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Delivering Results, Reliability & Rock-solid Dependability





ABOUT US

Bajaj Steel Industries is a company of BAJAJ group of Nagpur, India. Established in 1961, We are ISO 9001: 2015, 14001: 2015 & 45001: 2018 CERTIFIED COMPANY certified, public limited company listed in Bombay Stock Exchange. We are the largest and OEM of Cotton Processing machinery. We have taken over Continental Eagle Inc. USA in 2012 and started manufacture as well as export of American Design machines like Ginning machines, Hydraulic presses etc. to Australia, South Africa, West Africa, USA and many other countries.

We have world class state of art Engineering, Manufacturing and Machining Facilities spread over 52335 sq. mtr area on a land of 41.48 Acres.

We have been awarded with prestigious 'Star Export House' certificate by 'Ministry of commerce & Industry' for our consistency to be precise in design, manufacturing, commissioning and after sales support From last 10 Years, we are into manufacture of Hydraulic components like Cylinders, Manifolds, Power packs etc. to be used in house for our machines only. However, we have now started offering the same expertise and services to our valued prospective customers.

Our hydraulic component services includes design, material, machining, anodizing, assembly, testing, packaging & delivery.

Our Key Capabilities

- Strong team of 40+ Design Engineers equipped with Multi point Auto CAD, 3D Inventor software, high Speed plotters.
- We have modern state of art machining facilities consisting of CNC Turning centers, Vertical Milling machines, 4 axis Vertical Milling machines, 5 axis CNC Plano miller, CNC lathe 3 axis, Radial Drilling machines, German made sophisticated Welding machines for specific welding solutions, Anodizing facility, Paint shop.
- Raw materials like Seamless tubes, HCP bars etc. are sourced from European suppliers. These raw
 materials have all necessary quality certificates such as Ultrasonic testing (4 MHz probe level), Chemical
 Test reports etc.
- Our machining processes are proven and refined through over 10 & half years of experience in Manifold production. We implement stringent quality measures to realize 99.98% performance.
- Durability, Wear resistance, Rust prevention is critical to the performance of Hydraulic manifolds. We therefore recommend anodizing as part of our process.



Cnc Lathe 3 Axis



5 Axis Cnc Plano Miller



Double Column Plano Miller



4 axis vertical machine centre













Robotic Welding Machine

Taiwan make Lathe

Vertical Machining Center

Quality Control in Process

Bajaj Hydraulic Manifolds & Power Packs

Bajaj Steel Industries is a well-known Manifold block & Power pack manufacturer. Capitalizing on our enormous industry experience, we offer Hydraulic Manifold blocks & Power packs to our valued customers.

We are one among the very few manufacturers who manufacture & supply manifold blocks and Power packs to suit customer's requirements. Our offered Manifolds & Power Packs are designed as per the specifications and details given by customers to provide them maximum satisfaction.

These Manifolds & Power Packs are manufactured in accordance with the international quality standards to attain highest benchmarks of quality.

With our unsurpassed level of expertise in Manifold & Power pack manufacturing, and our commitment to providing excellent service, we are uniquely positioned to help our customers build better relationships, develop a reputation for reliability and, ultimately, win more work.

Types Of Hydraulic Manifolds & Power Packs We Manufacture:

- Hydraulic Manifold Blocks
- Hydraulic Sandwich Plates
- Hydraulic Sub Plates
- Power packs for all types of applications
- Hydraulic Cover Plates
- Hydraulic Adapter Plates









Hydraulic Manifold Blocks

Hydraulic Manifold Blocks

Hydraulic Manifold Blocks

Subplate Sae 8 Ports

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SUBPLATE CETOP 3 3/8 inch

Hydraulic Adapter Plate

Hydraulic Cover Plate Top

Hydraulic Cover Plate Bottom









Sandwitch Relief Valve

Sandwitch Modular Check Valve

Hydraulic Power Pack 1

Hydraulic Power Pack 2

BAJAJ Hydraulic Cylinders

We are experts at designing & manufacturing hydraulic Cylinders as per your requirements & Functions. Reliability, Efficiency are our specialties We also pride ourselves of giving quickest ,committed deliveries and best quality service/after-sales support, If you are looking for a high quality, cost effective Hydraulic-cylinder, then you are in right place.

Our services include manufacturing Hydraulic cylinders & Accessories, Custom Hydraulic Design including modifications and Repair/servicing of Hydraulic cylinders.

Technical Specifications:

Bore from 25 mm onwards, Strokes up to 8000 mm and working pressures up to 500 bar.

Industries Served:

- Construction, Heavy Earth
- Agriculture machinery
- Cement & Steel Industries
- Industrial Machinery
- Material handling
- Dumpers, Excavators
- Mobile Cranes
- Marine/ Ship Building





Achievements in Hydraulic Cylinders, Power Pack etc

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Our Technical Capability:

- Design, Development and Manufacturing of Hydraulic Cylinders
- Design, Development, Fabrication & Repair of Hydraulic Power Packs
- Complete repair of Hydraulic Cylinders
- Design and Manufacturing of Manifold blocks
- Design, Development and Manufacturing of Hydraulic Press M/c
- Design and development of customized electric operated Power Pack
- Development and modification of Electrical Panels
- Heavy Fabrication Work
- Manufacturing of Sprockets, Pulleys, Gears Etc
- After Sales Support

Standard and Customized Hydraulic Cylinders designed & manufactured at Bajaj Steel Nagpur

















1. Front Flange Mounting Cylinder

Piston Rod - 280 mm

Stroke - 2260 mm

Mounting Type - Front Flange

Used in Pressing applications at steel plant





2. SS TELESCOPIC CYLINDER

▶ Bore Dia - 40 mm

1ST Piston Rod - 105 mm

2ND Piston Rod - 60 mm

Stroke - 440 mm

Mounting - Clevis type

Used in Food Industries







0 0

3. Tie Rod Cylinder

150 mm Bore Dia

63 mm Piston Rod

1000 mm Stroke

Mounting Type Front Flange

Used in Pulling applications



4. Tie Rod Cylinder

Bore Dia 80 mm

Piston Rod 30 mm

Stroke 25 mm

Mounting Type Rear Plate

Used in Pushing operation/applications



5. Bolted Type Cylinder

Bore Dia - 125 mm

Piston Rod - 50 mm

Stroke - 1000 mm

Mounting - Front Flange

Used in Lifting application

www.bajajngp.com



















3. Tie Rod Cylinder

Bore Dia - 150 mm

Piston Rod - 63 mm

Stroke - 1000 mm

Mounting Type - Front Flange

Used in Pulling applications



0 0

4. Tie Rod Cylinder

Bore Dia - 80 mm

Piston Rod - 30 mm

Stroke - 25 mm

Mounting Type - Rear Plate

Used in Pushing operation/applications



5. Bolted Type Cylinder

- Bore Dia 125 mm
- Piston Rod 50 mm
- Stroke 1000 mm
- Mounting Front Flange
- Used in Lifting application







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9. Bed Lift Cylinder (Single Acting)

Bore Dia 80 mm

63 mm Piston Rod

25 mm Stroke

Mounting Surface

Used in Pressing application



10. Weld Type Cylinder

Bore Dia 100 mm

Piston Rod 70 mm

Stroke 260 mm

Front Flange Mounting

Used in Lifting applications



11. Ram Cylinder (Tie Rod)

Bore Dia 250 mm

Piston Rod 180 mm

Stroke 2000 mm

Mounting Front Flange

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Used in Pushing application



















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12. Press Cylinder

Bore Dia - 340 mm

Piston Rod - 250 mm

Stroke - 2250 mm

Mounting - Front Flange

Used in Bale Press



13. Clevis Type Cylinder

Bore Dia - 80 mm

Piston Rod - 63 mm

Stroke - 25 mm

Mounting - Clevis

Used in Pushing application



14. Latch Cylinder

Bore Dia - 50 mm

Piston Rod - 25 mm

Stroke - 130 mm

Mounting - Clevis

Used in Press application









HYDRAULIC POWER PACK - 1



HYDRAULIC POWER PACK - 2



HYDRAULIC POWER PACK - 3

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HYDRAULIC PRESS H TYPE

DISCRIPTION	5 TONS	10 TONS	15 TONS	25 TONS	40 TONS	50 TONS	60 TONS	75 TONS	100 TONS	150 TONS	200 TONS
BETWEEN COLUMN LENGTH X BREAM (MM)	500X200	600X200	650X200	850X300	950X350	1000X400	1050X450	1180X500	1200X600	1300X625	1325X660
BETWEEN RAM TO BED MIN X MAX (MM)	75X600	75X600	75X600	180X910	180X910	180X950	180X975	180X975	180X975	180X975	180X975
TRAVEL Of RAM (MM)	100	125	150	150	150	150	150	150	150	150	150
RAM SIZE (MM)	30	45	50	60	70	80	85	90	100	125	140
MACHINE PLATE SIZE (MM)	8	8	10	12	16	16	16	20	25	30	40





Our Product Range











Single Acting Hydraulic Cylinder

Double Acting Hydraulic Cylinder

Tie Rod Type Hydraulic Cylinder

High Pressure Custom Built Cylinders

Mill Type Hydraulic Cylinder











Multistage **Hydraulic Cylinders**

Welded & Threaded **Hydraulic Cylinders**

Bolted head Type Hydraulic Cylinder

Vertical Roller Mill Cylinder

Stacker Reclaimer Cylinder











Roller Mill Cylinder

Roller Press Cylinder For Kiln

Continuous Casting Line Cylinder

EAF Electrode Declamping

Cylinder for Rolling Mills











Mill Type Hyd Cylinder

Riser Tensioner Cylinder

Telescopic Pusher

Steel Mill High Pr Cylinder

Tilt Cylinder for E.A.F











Cylinders for Crane, **Dump Truck**

Forearm Cylinder

Boom Cylinder

Arm Cylinder

Telescopic Cylinder

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CERTIFICATE

BAJAJ STEEL INDUSTRIES LIMITED

C-108, D 5/2, D-4, G6 & G7, XI-73, MIDC In Nagpur - 440028, Maharashtra / India

DESIGN, DEVELOPMENT, PRODUCTION, SALES AND SERVICES OF COTTON GINNING AND PROCESSING MACHINERY, COTTON SEED PROCESSING MACHINERY, ELECTRICAL PARELS AND ACCESSORIES, PRE-ENGINEERING BUILDINGS AND FABRICATION/ MACHINING OF

EA 17, 18

ISO 9001:2015







CERTIFICATE

BAJAJ STEEL INDUSTRIES LIMITED

C-108, D 5/2, D-4, G6 & G7, X1-73, MIDC Indust Nagpur - 440028, Maharashtra / India

DESIGN, DEVELOPMENT, PRODUCTION, SALES AND SERVICES OF COTTON GINNING AND PROCESSING MACHINERY, COTTON SEED PROCESSING AMCHINERY, ELECTRICAL PANELS AND ACCESSORIES, PRE-ENGINEERING BUILDINGS AND FABRICATION/ MACHINING OF GENERAL ENGINEERING PRODUCTS

ISO 14001:2015

03.01.2013 02.01.2021 3 Years : 02.01.2022 : 02.1N.0045.0003.D



NOTICE OF COMPLETION AND AUTHORIZATION TO APPLY THE UL MARK

File E476051, Vol. 1 Project Number 478
Quotation no:1100825868 dtd 27/1/2015
U. 8. dUL LISTING OF INDUSTRIAL CONTROL PANEL (Panel Venico components & Completion)

prements related to your responsibilities as the Applicant can be found in the document "Ap related to Early Authorizations" that can be found at the following web-site: om:EAResponsibilities

Bruce A. Mahro 847-664-3009 CPO Director Bruce A. Mahro

Ne are excited you are now able to apply the Ut. Mark to your procedure or any of our Customer Service representatives if you

ded to you involving UL Mark services are provided on behalf of UL LLC



FO

IPI ADDENDUM

NOTICE OF COMPLETION AND AUTHORIZATION TO APPLY THE UL MARK

CERTIFICATE

DESIGN, DEVELOPMENT, PRODUCTION, SALES AND SERVICES OF COTTON GINNING AND PROCESSING MACHINERY, COTTON SEED PROCESSING MACHINERY, ELECTRICAL PARKLES AND ACCESSORIES, PRE-ENGINEERING BUILDINGS AND FABRICATION/ MACHINING OF GINRAL ENGINEERING PRODUCTS

BAJAJ STEEL INDUSTRIES LIMITED

C-108, D 5/2, D-4, G6 8 G7, XI-23, MIDC Ind. Napour - 440028, Maharashtra / India

ISO 45001:2018

18.02.2019 18.02.2021 13 Years 117.02.2022

Our Reference: File E4760S1, Vol. 1 Project Number Your Reference: Quotation no:1100825868 dtd:27/1/2015 UL & cUL LISTING OF INDUSTRIAL CONTROL PANEL (Panel Verification along with the components & Completion) Project Scope:

Bajaj Steel Industries Limited Mr. Anjan Dixit D-5/2,midc Industrial Area

Hingna Nagpur Maharashtra 440028, India

Before you may begin shipping product with the UI. Mark at the above manufacturing locations, an Initial Production Inspection (IPI) must be successfully performed by a UIL representative at the location.

The IPI is intended to confirm that your manufacturing location is capable of producing a product in accordance. Us a requirements. YOU MAY NOT SHIP PRODUCTS WITH THE UIL MARK UNTIL. THE IPI MAS BEEN COMPLETED AND ULAS FOUND THE PRODUCTS AT THE FACTORY TO COMPLY WITH OUR REQUIREMENTS. Once the IPI has been successfully completed, you will be granted authorization to ship bearing the UL Max.

Instructions for the IPI will be sent to our inspection center nearest to you. The Inspection Center will contact you shortly to make arrangements for the IPI.

Inspection Center information

Singhal Anurag
Area Field Services Manager
UL India Pkt Ltd,
Kalyani Platina - Block I, 3rd Floor,
No. 24, EPIP ZonePhase II, Whitefield,
Bangaiore-560066, india
Tel: +91 80 4134 4400
Mob: +91 9810731640

HO

Bajaj Steel Industries Limited Mr. Anjan Dixit D-5/2,midc Industrial Area Hingna Nagpur Maharashtra 440028,

Very truly yours,

NBK9C2D-854A18

TQV

CERTIFICATE OF COMPLIANCE

Registration No.: CE60003802

Applicant : Bajaj Steel Industries Limited

Address: A) C-108, M.I.D.C Hingna Industrial Area, Nagpur - 440028 B) G -6 & G-7, M.I.D.C Hingna Industrial Area, Nagpur - 440028 C) D 5/1 & D 5/2, M.I.D.C Hingna Industrial Area, Nagpur - 440028

Is in compliance with the Standard : CE Mark - Machinery Directive - 2006/42/EC

For The Following Product:
COTTON & COTTON SEED PROCESSING MACHINES (INCLUDIN
COTTON GINNING AND PRESSING MACHINES, DE-LINTER,
DE-CORTICATOR ETC., ELECTRICAL PANELS & ACCESSORIS,
PRE ENGINEERED BUILDINGS & SHEDS, FIRE FIGHTING
SYSTEMS, SPECIALITY CONVEYORS AND HYDRAULIC BALE
PRESSES FOR MISCELLANEOUS APPLICATION.

Model / Type : VARIOUS

TCF Number : BS01-CE/001

Date : 15/07/2017 Valid tills : 14/07/2022



CENTRAL POWER RESEARCH INSTITUTE (MEMBER OF STL)



TEST REPORT



M/a Bajaj Steel Industries Ltd., Plot No. D5/2, MIDC Hingna Nagpur 440 018 1 7 JUN 2016 M's Bajaj Steel Industries Ltd., Plot No.D5/2, MIDC Hingma Nagpur 440 018

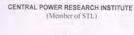
PCC & MCC Distribution Panel BAJAJ/70K One 19th May 2016 STDSST216S0832

Verification of the short circuit withstand strength As per clause 8.2.3 of IS: 8623 (Part-1) 1993





SWITCHGEAR TESTING & DEVELOPMENT STATION GOVINDPURA, BHOPAL-462023, INDIA Phone: +91(0)755 2586882 Fax:+ 91(0)755 2587774



TEST REPORT



2016/STL/615 Dated UT JUN 2016 M/s Bajaj Steel Industries Ltd D-5/2, MIDC, Hingris, Nagpur- 440 018

415V 200A L.T. Panel

As per Cl. 6.2.7 of 15: 8623 (Part 1), 1993

One STDSST216S0633

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story nts constituting this report (in words)

THE STATE





को विशेष जागार पीति , 2009-2014, के प्राथमाओं के अनुसार स्टार निर्धात स्थाप का सार प्रदान किया जाता है। यह प्रथमा पत्र 1 अपील से हैं। तक प्रदान किया जाता है। यह प्रथमा पत्र 1 अपील से हैं। प्रदान प्रदान के अपील के प्रथम के प्रथम के प्रथम के प्रशास के प्रथम (EXECUTEEE, EMPSTREES LTD INVAINALIS, NOAD NAGEL III)

(IEC No. SAMASHAT)

No.) are hereby accorded the status of Star Export

House in accordance with the provisions of the Foreign Trade Policy,
2009-2014. This Certificate is gold for a period of the years,

effective foreign July April La National Lab 2, 244 Aberts,

of through Trade Policy (1984-15), certime to prospins the status.

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PRODUCTS & SERVICES

in sole license with

Continental Eagle

Corporation, USA

- Ginning Machines
 - **Double Roller Gins**
 - Saw Gins
 - Rotary Knife Roller Gin / **Rotobar Gins**
 - Single Roller Gins
- Seed Cotton Cleaners
- Seed Cotton Conveying Systems
 - Pneumatic
 - Belt
 - Central Screw Conveyor
 - Trolley
- Lint Cleaners
- Lint Conveying Systems
 - Belt
 - Pneumatic
 - 1. Direct Suction
 - 2. Intermittent Suction
- Bucket Elevators & Rotary Screw Lifts
- Cotton seed Conveying Systems
- Pneumatic (Seed Blowing)
 - Screw Conveyor
- Cotton Boll Openers
- Hydraulic Roll Press for Leather Washers
- Leather Roll Grooving Machine
- Fire Detection & Diversion Systems
- Fully Automatic Ginning Plants
- Modernization of existing Gin plants
- General Fabrication

Across th

- GI. Ducting / Cyclone
- Heavy Engineering Equipment
- Dust Handling Systems
- Power Transmission Products

- Pod Cleaners
- Cotton Baling Presses
 - Down Packing (5 to 60 BPH)
 - Up Packing (5 to 100 BPH)
 - Horizontal / Mote Press
- Seed Cotton Baling Press (25 BPH)
- Steel Building Structurals & Civil Buildings
- Electrical Panels and Accessories
- Laser cutting of parts upto 25mm thick
- Cotton Seed Delinting Plant Machinery
- Cotton Seed Decorticating Plant Machinery
- Turnkey Projects
- Humidification Systems
- Bale Wire Ties
- High Quality Spares
- CNC Machining of parts
- Moisture Meters
- Laboratory Gin
- Pre Engineered Houses / Buildings / Sheds
- Fire Fighting & Hydrant Systems
- K House
- Steel Doors / Safety Doors
- Speciality Conveyors
- Blowers / Suction Fans
- Tractor Attachments
- Hydraulics Power Pack & Cylinders
- Machining & Sheet Metal Components

BAJAJ STEEL INDUSTRIES LIMITED

Plot No. C-108, MIDC Industrial Area, Hingna, Nagpur - 440028 (MS) India.

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www.bajajngp.com

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BAJAJ STEEL INDUSTRIES LTD FACTORY PHOTOGRAPHS **CONTINENTAL EAGLE CONTINENTAL EAGL











































Power PlantHighrise Buildings StructuresParking Lots

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K Houses

Office Furnitures Mr. Vilas Pande: +91 9325892446 Mr. Prabhat Sahu : +91 94224 71552

BAJAJ Heavy Equipment Division



Mr. Ajay Choudhari: +91 9850303967

BAJAJ Ginning and Pressing



Vertical Flow Drier



24-D lint Cleaner

Super III Stick Machine

BAJAJ **Hydraulics Powerpacks & Cylinders**











BAJAJ Speciality Conveyor

BAJAJ Industrial Fans and Impellers



Mr. Parag Wanjari: +91 7758875833 | Mr. Sanjay Ladole: +91 8956005391



® BAJAJ STEEL INDUSTRIES LIMITED

Mr. Prabhat Sahu : +91 94224 71552

CIN L27100MH1961PLC011936 | GST NO.:27AAACB5340H1ZY Plot No. C-108, MIDC Industrial Area, Hingna, Nagpur - 440028 (MH) India. Tel.: +91-07104-238101 - 20, Fax: +91-07104-237067

E-mail: bsi@bajajngp.com | inquiry@bajajngp.com | www.bajajngp.com



















































"Serving the Cotton Ginning Industry Since 1961"





































BAJAJ STEEL INDUSTRIES LIMITED

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Our Clients

























Products & Services

- Bajaj Cotton Ginning & Pressing Machines:
 - Bajaj Double Roller Ginning Machines.
 - Bajaj Coneagle Saw Gin & Pressing Machines.
 - Bajaj Coneagle Rotobar Gin Machines.
- Bajaj Pre- Engineered Steel Buildings.
- Bajaj Pre- Fabricated House / K-House.
- Bajaj Warehouse Conveyors.

- Bajaj Fire Fighting Systems.
- Bajaj Power Transmission Products.
- Bajaj Components & Machined Parts.
- Bajaj Solar Products.
- Bajaj Industrial Blowers.
- Bajaj Hydraulic Cylinders, Manifolds & Powerpacks

BAJAJ STEEL INDUSTRIES LIMITED

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