

Uttam Speed Reducer Equipments Pvt Ltd

Planetary Gearboxes - Helical Gearboxes - Single & Twin Screw Extruder Gearboxes
Crane Duty Gearboxes - Rolling Mill Gearboxes - Customized Gearboxes - SMSR Gearboxes

UTTAM SPEED REDUCER EQUIPMENTS PVT LTD

A relentless commitment to quality gear manufacturing rooted in Engineering excellence

Uttam Speed Reducer Equipments Pvt. Ltd., known in the market under its flagship brand USR Gears, is a name synonymous with precision engineering and reliable gearbox solutions.

With over two decades of dedicated expertise in the gearbox industry, the company has journeyed from its early beginnings in gearbox repair and servicing to becoming a fully integrated manufacturer of advanced industrial gearboxes. Today, USR Gears is equipped with state-of-the-art CNC machines, gear grinding, hobbing, and testing facilities that enable complete in-house production under stringent quality control.

Our operations are anchored by two modern manufacturing plants in Rai, Sonipat, complemented by a corporate office in Delhi for customer support and project coordination. This strong infrastructure empowers us to serve a diverse range of industries with products such as helical and bevel-helical gearboxes, planetary drives, rolling mill gearboxes, geared motors, and custom-built transmission solutions.

At USR Gears, every gearbox reflects our passion for innovation, precision, and durability. We take pride in delivering not just products, but complete solutions that consistently meet the demanding requirements of our customers and power their progress with confidence.



WHY CHOOSE USR GEARS

100% In-house Manufactured

Complete control from design to dispatch

Wide Range of Gearbox Solutions

Standard and custom designs for various industries

Advanced Facility

High-precision machinery and quality systems

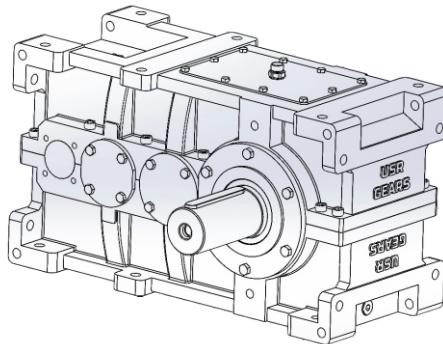
Dedicated R&D

Continual improvement and product development

At Uttam Speed Reducer Equipments Pvt. Ltd. (USR Gears), we provide a complete range of gearbox solutions and precision engineering services, backed by modern infrastructure and in-house expertise. Our offerings include:

Industrial Gearboxes

- Manufacture of Helical Gearboxes, Bevel-Helical Gearboxes, Planetary Gearboxes, Rolling Mill Gearboxes, Geared Motors, and Custom-Built Gear Units.
- Rigid, efficient, and reliable gearboxes engineered for heavy-duty industrial applications.



CNC Gear Profile Grinding Services

- High-precision gear grinding on advanced CNC machines including:
- Klingelnberg Höfler Rapid 1250
- Niles CNC Grinding
- Max Dia Capacity Ø1250 mm
- Ensures superior accuracy, surface finish, and extended life of gears.

Precision Machining & Job Work

- Complete machining solutions for a wide range of components:
 - CNC Turning
 - VMC (Vertical Machining Center)
 - CNC Horizontal Boring Machines
 - VTL (Vertical Turning Lathe)
 - Hobbing & Gear Shaping
- Job work undertaken for complex, large-diameter, and custom-engineered parts.

Gearbox Repair & Services

- Comprehensive overhauling and reconditioning of all types of industrial gearboxes.
- Replacement of worn-out parts with precision-engineered spares.
- Testing and performance validation to restore gearboxes to as-good-as-new condition.



P-Series Planetary Gearbox

Torque Range 1.2KNm to 375KNm

Ratio Range 3.5:1 to 5000:1

Type Foot/ flange and Shaft Mounted

Orientation Inline and Bevel(90 degree)

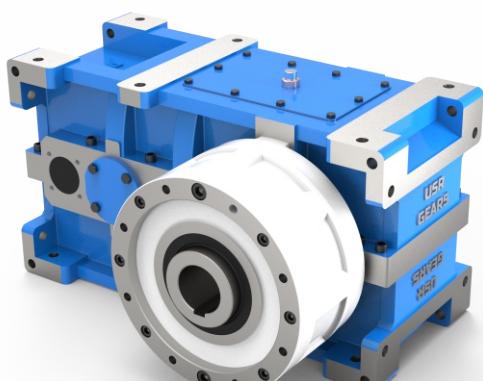
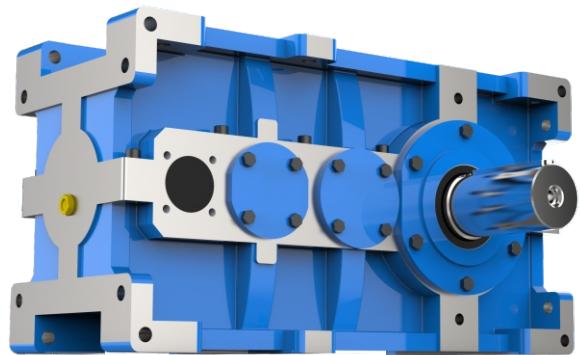
PH-Series Helical Gearbox

Torque Range 0.8KNm to 690KNm

Ratio Range 1.15:1 to 800:1

Type Foot and flange Mounted

Orientation Inline and Bevel(90 degree)



XPH-Series Single Screw Extruder

Size Range XPH125 to XPH400

Ratio Range As per customer Requirement

Input Type Hollow and Solid

Orientation Parallel Axis



Inline Helical Geared Motor

Power Range 0.5HP to 40HP

Ratio Range 5:1 to 110:1

Type Foot and flange Mounted

Orientation Inline

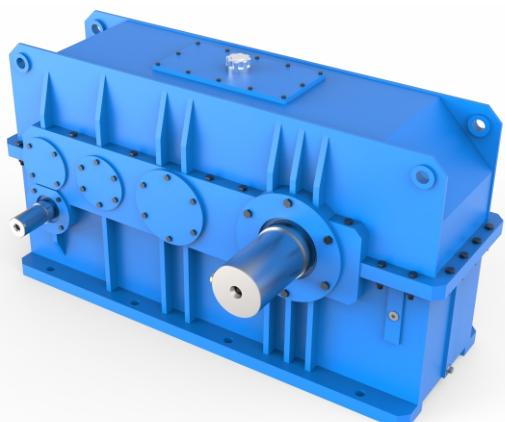
Twin Screw Extruder Gearbox

Power Range 30HP to 90HP

Ratio Range As per requirement

Shaft CD 65mm to 110mm

Type Co-Rotating and Counter Rotating



Standard Crane Duty Gearbox

Size Range 250 to 1500

Ratio Range As per customer Requirement

Type HB HC and VC Type

Orientation Parallel Axis



SMSR Shaft Mounted Gearbox

Power Range 7.5HP to 40HP

Ratio Range 5:1 to 20:1

Model Range Size C to Size J

Orientation Parallel Axis

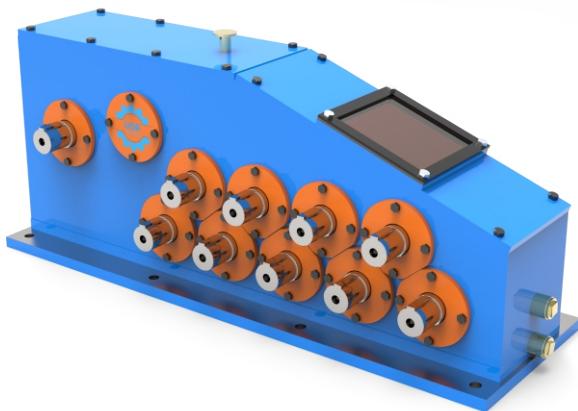
Rolling Mill Gearbox

Weight Capacity Max 15 Ton

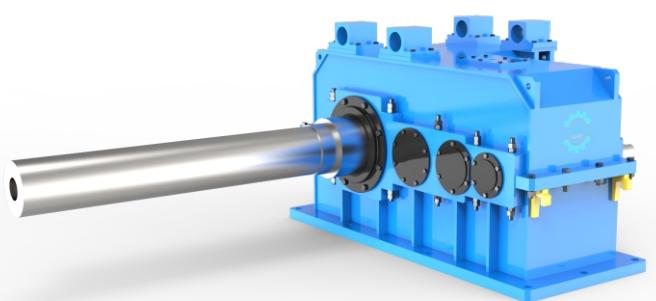
Module Range Min 0.75 to Max 20 Module

Max Shaft Dia 400mm

Profile Grinding Max 1250mm Dia



Customized Gearbox and Loose Gears



Recoiler Gearbox



Loose Gears

List of In-house Machines

klingelnberg Hofler Rapid 1250 CNC Gear Profile Grinding Machine (upto 1250mm dia) -1Nos

Niles Make ZSTZ-10H CNC Gear Profile Grinding Machine (Upto 1000mm Dia) -1Nos

Niles Make ZSTZ-800 Gear Profile Grinding Machine (Upto 800mm Dia) -1Nos

Niles Make ZSTZ-315 Gear Profile Grinding Machine (Upto 315mm Dia) -1Nos

Reishauer Make Gear profile Grinding Machine (Upto 315mm Dia)- 1Nos

Graziano GT-400 CNC Turning Machine (dia 400mm x 1 meter lnghth) - 2Nos

BFW Xtron 955 VMC Machine (900mmx500mm) -1Nos

DAH-LIH MCV-2100 VMC Machine (2100x1000)- 1Nos

Daewoo Doosan DHM-500 HMC Machine(800x700x700) -1 Nos

CNC Horizontal Boring Machine KBN-1350 (3000x1500x2000) - 1Nos

CNC VTL Make SCHIESS Vertimaster 12DS125 Newly Rebuild (Dia 1300x800 8TON)- 1Nos

Gear Hobbing Machine TOS FO6 (Dia600x6Module)- 1Nos

Gear Hobbing Machine TOS FO10 (Dia1000x10Module)- 1Nos

Gear Hobbing Machine German Make (Dia800x8Module)- 1Nos

Gear Hobbing Machine Stanko 5K238 (Dia1200x16Module)- 1Nos

Gear Shaper Machine Lorenz LS400 (Dia400x6Module) -2Nos

Jones & Shipman 1307 Universal Grinding (Dia300x1000) -1Nos

TOS 5U/2000 Universal Grinding (Dia500x2000) -1Nos

Bore Grinding Wotan 8G (Dia 800mm)- 1Nos

Bore Grinding (Dia 200mm)- 1Nos

Manual Lathe Machine (Dia600x960) -2Nos

Keyway Slotting Taiwan Make (4" to 9") -3Nos

Hydraulic Keyway Milling Machine - 1Nos

20 TON EOT - 2Nos + 5 TON EOT Crane -3Nos

Radial Drill and Milling Machine -5Nos

Semi Automatic Bandsaw (Dia 400mm) -1Nos

In House welding and Fabrication Facility

Other Standard Equipments i.e. torque wrench, manual grinder etc are available





CONTACT USR GEARS

How to Reach Us

For inquiries, support, and technical assistance, reach out to our team. We're here to help with any questions about our planetary gearbox solutions.

Domestic Sales Contact

Our domestic sales team is ready to assist with product selection, orders, and customization options.

Phone: +91-9811568941

Email: info@usrgears.in

Export Sales Contact

Our export sales specialists offer dedicated support for international projects, ensuring our solutions meet your global application requirements.

Phone: +91-9899953343

Email: office@usrgears.in



SCAN TO CONNECT

General Inquiries:

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