

CONCORD GEARS & MOTORS

(TRUSTED NAME)

ELECTRIC MOTORS

INDUSTRIAL APPLICATION GEAR BOXES

POWER TRANSMISSION PRODUCTS



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WE TRANSMIT POWER & TRUST

MISSION

CONCORD GEARS & MOTORS PROVIDE COMPLETE SOLUTIONS BY OPTIMUM UTILIZATION OF RESOURCES WITH UNSURPASSED SERVICES



ABOUT US

CONCORD GEARS & MOTORS

(Formerly Known As Arora Engineers)

was founded by **Mr. Jitendra Arora**, a mechanical engineer; he has an experience of over two decades in the marketing of engineering products and has worked with numerous top flagship companies at senior level.

With the professional and customer centric approach, **CONCORD POWERTECH SOLUTIONS** has been able to establish itself in the industrial trade in a very short span, and most notably, **has been able to cater almost all the Top OEMs /end customers of the following Industrial trades.**

- **Stone & Granite Processing Industry:** (Line Polisher- Bridge & conveyor, Resin /Epoxy Plant , Multi Cutter/Calibration machines/Power Packs Transfer trolley/Edge Cutting machine/Auto feeder
- **Cranes & EOT :-** Hoist, LT & CT, End Carriage
- **Shot Blast Industry :-** Turn table rotation/ Bucket elevator/Indexing/Blast wheel
- **Cattle Feed/Dairy Plants:-** Agitator/Mixer/Conveyor/Packaging/ cow dunk scrapper
- **Flour industry /Guar Gum / Rice Machinery:-** Air Lock/ Elevator/ Screw & Chain conveyor
- **Biscuit machineries/ Confectionery machines:-** Dough Mixing Plant/ Biscuit cutting/ cooling conveyor
- **Poultry Machines:-** Screw conveyor/Feed trolley/Scraper drive
- **Horticulture Industry:** Fruit & Vegetable Grading, cleaning , Seed processing machines
- **Ceramics Industry :-** Pug Mill-clay/Extruder/ Furnace gate
- **Pump Industry :-** Wilo Pump, Grundfos Pumps,
- **Food Processing machines :-** Chapati Making machines/ Spices Plants/Cold storage, **Mawa Processing Machines.**
- **Jewellery industry/ Textile machinery/Poly sack industry**
- **Soap Industry/ Wood making machines**
- **Briquetting / Bricks making/Road construction machines/Concrete Mix Plant/ Hot-Mix Plant/Plotter machine/Band Saw/ Paver machine**
- **Water treatment plant (ETP) :** Bottling Plant- Mixer and Conveyor
- **Wire drawing/ Cable drawing Machines / Cement Plant**
- **Multi level Parking/Packaging industry**
- **Hotel Industry/ Cosmetic-chemical industry/ Printing machines**
- **Salt plants/ Mehandi Plant/ Hydrated Lime/ Casting Industry**



3 Phase Induction Motor- Continuous duty, Light weight die-cast aluminium construction & detachable feet, conversion of B3 to B14 or to B5 (till 132 frames), steel inserted bearing seats, V.P.I treated compatible for Variable Frequency drives, Range 0.09 kw to 315 Kw, 2/4/6/8 poles.

Customized motors with IP 55/56/66 protection, Encoder mountings.

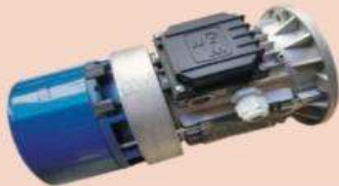


Flame Proof motor -

for operation in hazardous locations.



Brake Motors - Electromagnetic magnetic brake with manual release, lesser operational noise, Asbestos free lining, D.C and AC brake motor with Rectifier or 24 Volts DC brake.



Dual Speed Brake Motors - with Flywheel for EOT applications Crane Duty & Crane duty Brake Motors -S3/ S4 duty
CDF -25%/40%/60% with high start.



Worm Gear Boxes & Gear Motors:-

Die Cast Aluminum and Cast iron body, Super finished gears with low noise, synthetic lubrication, no maintenance anti corrosive coating, Universal Mounting positions, Range -Ratio 5:1 to 100:1, 0.09 kw to 25 kw,

Helicoworm Gear Boxes - Helical unit with Worm gear.
For Higher ratio, Gear are made of tempered steel
20CrMnTi and case hardened to HRC 59-63.



Helical Gear Boxes : High tensile closed compact
housing with no vibrations, resist against chemical
effects, Gears wheels made of high tensile and case
hardened steel high resistance through flank hardness
of 60-62 HRC, oversized bearing for dual support on
all gears, synthetic lubrication, Torque-20 Nm-18500
Nm output speed 0.3 to 450 rpm (R - 3.5:1 - 4800:1)



Inline Gear Boxes : Top opening for easy
maintenance Torque -20 Nm - 18500 Nm,
output speed 0.3 to 450 rpm (R - 3.5:1 - 4800:1)



Parallel Shaft Helical Gear Box :

F - series Gears-Input adaptor sleeve,
Range 0.03 kw - 75 kw, T 240 Nm - 18500 Nm
speed range 0.2 - 190 rpm.
(R-7.5:1 - 7200:1) Crane duty Gear Box /Hoist
Gear Box Parallel shaft Helical gear Box



Bevel Helical Gear Box - K - series Gears-

Gear Casting suitable for harsh conditions
Possible installation methods-foot-flange-with
single or double output shaft hollow shaft
in keyed or shrink disk version with torque arm.
Range 0.03 kw - 75 kw, T 200 Nm - 18500 Nm
Speed range 0.2 - 2800 rpm. (R-5.14:1 - 7200:1)



Planetary Gear Box:- Better Load capacity, useful in jerk load, Ratio variation 3:1 to 20000:1, Power 0.18 kw to 315 kw.
Types :- Inline, bevel -planetary, with solid shaft, hollow output, splined hollow shaft, hollow shaft mounting with shrink disc.



BLOWER : Blower Double Inlet Forward Curved Impeller
Watt 750 to 1600, RPM 1400 to 2700,
3 Phase, 415 V



Locking Assembly: Freewheel One-way Clutches
Tensioner Nut & Bolt, Shrink Discs
Rigid Coupling



Poly V Pulley - Taper lock Bush / Poly V belts :-
Speed ratio above 1:7, Compact design, Smaller Pulley size compare to conventional A/B/C section, Reduced Noise Level, Suitable for serpentine drive, easily installation and high torque drive, PJ/PK/PL/PM sections, Belts are highly flexible, easy installation, Less Slippage, Energy saving up to 6%, made of Polychloroprene rubber, high modulus polyester cord, Polyester cotton fabric.



Spares : Bush, Brake Liner, Brake Unit, Rectifier, Input Flange B5, B14, B3
Bevel Set, Input Assembly, Loose gears & Pinion, Output flange, Foot, Terminal Cap & Terminal Base & All Kind of Spare of Gear box & Motors.



P.V.C Conveyor - Type - 3 ply and 4 ply , One sided or Reversible teeth, width - 1350 mm/1650mm/2200mm, Surface shore hardness 70, Operating temp - -15/ + 80 degree, Elongation at fitting = 0.3% Min, 1.5% max



OUR PRINCIPALS



Rotomotive Power Drives India Ltd
(Italian Joint Venture)

Induction Motor, Dual speed
, Flame proof, Ac/Dc brake
Motors, Forced cooling
Motor, ServoMotors, Servo
drives , Worm gears, Heli-
worm Gears, Helical Inline
Gears.



International Combustion-Bauer
(Indo- German)

Gears- Inline Helical , Bevel
Helical , Parallel Shaft Helical
Integral Brake Gear Motors



M.G.M-Varvel
(Italian)

Worm Gears, Helical Inline
Gears, Dual speed Brake
Motors both AC & DC, Bevel
Helical , Parallel Shaft gear
boxes



Rossi
(Italian- Habasit group)
(OEM for Italian LPM- Berton, Pedrini)

Inline Helical, Parallel shaft,
bevel helical, Planetary, Worm
Gears, Heli-worm gears



Contitech India Private Limited
(AG Germany)

Multi Rib / Poly V Belts Timing
Belts, Polyurethane Belts,
Pulleys, Couplings



NMTG
Mechtrans Techniques Pvt. Ltd.

Locking Assembly, Freewheel
Oneway Clutch, Tensioner
Nut & Bolt, Cam Follower,
Shrink Disc



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