

INTRODUCTION

TRANSMATIX is engaged in manufacturing a full range of Planetary Gear Boxes. It is in this field for last 21 years. TRANSMATIX is manufacturing Planetary Gear Boxes for torques up to 50,000Kg-m & ratio from 3.5 onwards in Foot / Flange / Agitator / Shaft Mounting versions & with Input & output Shafts as Free / Hollow. TRANSMATIX is also manufacturing Geared Motors as well as Non-standard special Gear Boxes, Custom Built Gear Boxes & various other products as mentioned below. TRANSMATIX is supplying these Gear Boxes to a variety of O.E.M.'s for various applications as enumerated below.

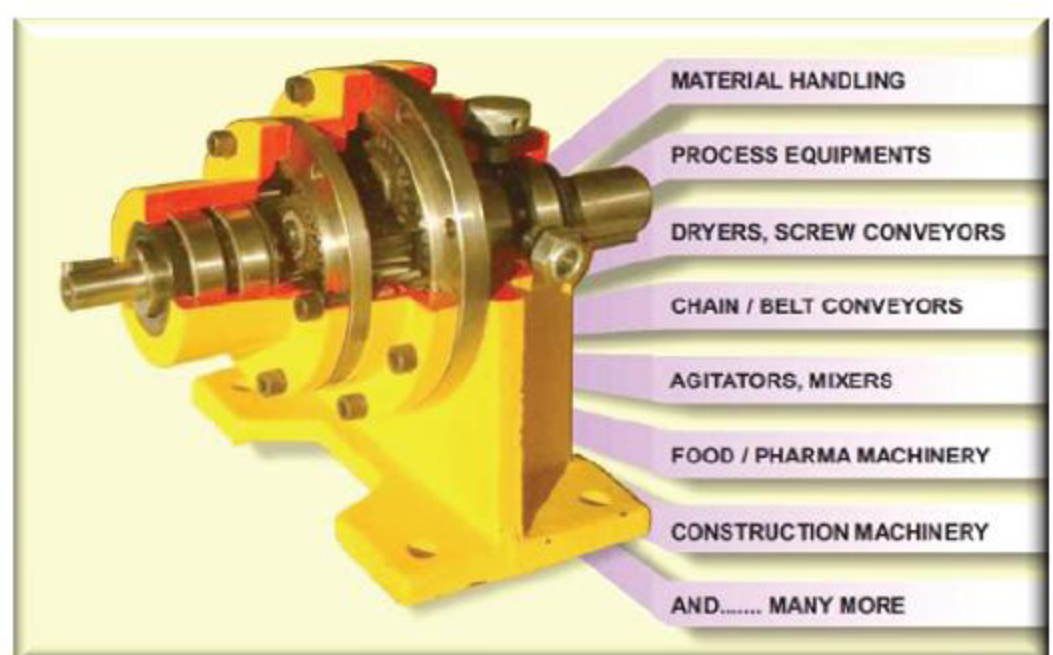
Applications for Planetary Gear Boxes

1. Material Handling Equipments & Conveyors
2. Process Plant Equipments (Mixers/Agitators, Reactors etc.)
3. Deck Machinery (Capstan Drives/Davits/Slew etc.)
4. SPM's (Special Purpose Machinery)
5. Food & Pharma Machinery
6. Construction Machinery (Batching Plants, Concrete Mixer)
7. Pollution Control Equipments (Clarifiers, Aerators etc.)
8. Die-Stuff Industry (RVD & other Driers etc.)
9. EOT Cranes (CT, LT & Creep Drives)
10. Amusement Park Machinery
11. Sugar Plant Machinery
12. Rubber Machinery
13. Stone Processing Machinery
14. Textile Machinery
15. Steel Plant Machinery
16. Power Plant Machinery
17. Solar Tracking Drives

The Special Features of our Planetary Gear Boxes

1. Compact Size
2. High Efficiency
3. Low Noise
4. No oil leakage
5. Roller bearing for planets
6. Proper alloy steels for gears & shafts
7. Case carburizing for gears
8. Hardened & tempered alloy steel shafts
9. Good quality genuine bearings
10. Double lip oil seals
11. Long & trouble free performance

Apart from above range, TRANSMATIX is also dealing in full range of AC Induction Motors, which cover 2 Pole / 4 Pole / 6 Pole / 8 Pole, Foot / Flange / Face Mounted, Standard, Flameproof, Crane & Hoist Duty, Brake, Dual Speed, Single Phase / Three Phase Motors of M/s Laxmi Hydraulics Pvt. Ltd., an ISO 9001 company with CE Approval and ISI mark.



OUR RANGE OF PRODUCTS

1. Planetary Gear Boxes
2. Planetary Winches
3. Planetary Creep Drives
4. Helical -Planetary Gear Boxes
5. Planetary – Helical Gear Boxes
6. Worm-Planetary Gear Boxes
7. Custom Built Gear Boxes
8. Geared Motors
9. Torque Limitors
10. Gear Boxes For Sugar Machinery
11. Slew Gear Boxes
12. Planetary Track Drives
13. Low- Backlash Gear Boxes
14. Shaft Mounted With Shrink Disc & Torque Arm

CONTACT PERSON – MR.SATISH DHARAP (Mobile – 09930947541 / 09869402304)

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PLANETARY GEAR BOXES

Reduction Ratio – 3.5 onwards
Torque – 5Kgm to 50,000 Kgm
Mounting – Foot /Flange/Agitator
Input – Free Shaft/Hollow to suit
Std IEC Frame or As per
Customer Requirement.



PLANETARY GEARED MOTORS

Input – 0.25HP to 50 HP
Output Speed – As required.
Mounting – Foot /Flange/Agitator
Input – Std IEC Frame AC Induction
Motor.



PLANETARY BUILT IN WINCHES

Line Pull – 100 Kg to 15,000 Kg
Line Speed – As per Requirement
Winding Length – As Required.
Mounting – Foot Type
Input – Electric/Hydraulic Motor
Braking – Electric/Hydraulic
Fail Safe Braking.



PLANETARY WINCHES

Line Pull – 100 Kg to 15,000 Kg
Line Speed – As per Requirement
Winding Length – As Required.
Mounting – Foot Type
Input – Electric/Hydraulic Motor
Braking – Electric/Hydraulic
Fail Safe Braking.



HELICAL PLANETARY GEAR BOXES

Reduction Ratio – 9.0 onwards
Torque – 5Kgm to 50,000 Kgm
Mounting – Foot/Flange
Input – Free Shaft



PLANETARY HELICAL GEAR BOXES

Reduction Ratio – 9.0 onwards
Torque – 5Kgm to 30,000 Kgm
Mounting – Hollow Shaft Mounted with
Torque Arm or Shrink Disc
Input – Free Shaft/Hollow to suit
Std IEC Frame or As per
Customer Requirement



WORM PLANETARY GEAR BOXES

Input – 0.25HP to 5 HP
Output Speed – As required.
Mounting – Foot /Flange/Agitator
Input – With Motor or Hollow for
Std IEC Frame AC Induction
Motor.



WORM PLANETARY GEAR BOXES

Input – 0.25HP to 5 HP
Output Speed – As required.
Mounting – Foot /Flange/Agitator
Input – With Motor or Hollow for
Std IEC Frame AC Induction
Motor.



TORQUE LIMITOR

Available in 4 Different Models
Torques Ranging from 2 Kgm to 140 Kgm
Suitable to fit Limit Switch
Not to be used as Ratchet Clutch.
Can be supplied as a coupling.



PLANETARY CREEP DRIVES

Reduction Ratio – 10 : 1
Suitable for Cranes Creep Speed
Mounting – Foot Type
Suitable for Std.Thruster Brakes
Available in Sizes 160/200/250/300
Input – Free Shaft/
Output – Free Shaft
Suitable for 1HP to 8 HP,960RPM.



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