Uni-Belt Tensioner
PU & Rubber Roller
Conveyor Wire Mesh
Machine Keys
HAND WHEEL

CONVEYOR ROLLER
CLUTCH BRAKE UNIT

MAGNETIC CLUTCH AND BRAKE

WORM GEAR BOX
UNI BEVEL GEAR BOX

UNI BELT VARIATOR
UNI PIV GEAR BOX

UNI BEVEL GEAR

UNI WORM GEAR

UNI SPUR GEAR AND RACK
UNI BOLT ON HUB

ADJUSTABLE PITCH PULLEY

Cogged Classical V Belt

Description

**Cogged Classical V Belt** a heat dissipating cog, designed to make belts run cooler and last longer, works better with small diameter pulley.

ADVANTAGES:

- Transmit higher horsepower
- Greater flexibility
- Improved heat dissipation
- Heat, oil and anti-static resistant

Available type: M/ZX, AX, BX, CX
Standard: RMA IP20, RMA IP 22, ISO 4183, ISO 4184, IS 2494, BS, 3790, DIN 2215, DIN 7753

We provide optional belt such as:

- Fire Resistant Antistatic (FRAS) Belt suitable for drives working in inflammable atmosphere
- Dry Cover (DC) Belt suitable for drives having clutch application where contamination is not acceptable

Stainless Steel Roller Chain
We offer corrosion and moisture resistant product to withstand water or other more severe condition. The **ULTIMATE** in corrosion resistance is stainless steel. Corrosion and moisture places such as Manufacture of foods, chemicals, and medicines.

Look for us if you need high-quality stainless steel chains.

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**FLAT BELT PULLEY**

**Description**

**UNI-DRIVE FLAT BELT PULLEY** a typical high-speed, low-power applications power transmission product. FLAT BELT PULLEY works with FLAT BELTS and sometimes also be used for the back side of a conventional V-BELT. Compared to belts of equal horsepower, FLAT BELTS are thinner by 25% or more. Due to thin FLAT BELT, FLAT BELT PULLEY are normally smaller than V-BELT PULLEY.

FLAT BELT PULLEY can have a moulded crown to help centered and positioned the belt.

**APPLICATIONS:**

- Textile, paper making
- Office machinery, computer printers

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**TENSIONER PULLEY**
TIMING PULLEY BAR

Description

UNI-DRIVE TIMING PULLEY BAR comes with different types of selection to match different types of timing belts, such as Imperial selection, HTD selection and etc.

APPLICATIONS:
● Robotics – Industrial, medical and military
● Postal automation and warehouse fulfillment
● Welding Positioning Systems
● Semiconductor fabrication and handling
● Machine tool and precision indexing
● Packaging and food processing
● Material handling and conveying
● ATC Magazines
● Medical Automation – imaging, diagnostics, laboratory and pharmaceutical
● Rotary Tables
● AMR’s, UGV’s and mobile Robotics – light weight, compact and efficient wheel drives
● Antenna Positioners

Available type: MXL, XL, L, 03M, 05M, T02.5, T05, T10, AT05, AT10
TIMING PULLEY is designed to compensate TIMING BELT which is used in industry which requires synchronize drive. The synchronize TIMING PULLEY, drives quieter than normal pulley. A TIMING PULLEY transmits force to the belt via evenly spaced grooves, which mate the teeth in the belt.
A TIMING PULLEY is maintenance free.
TIMING PULLEY comes with various of sizes and pitches.

Available type: PILOT BORE (MXL, XL, L, H, XH, XXH) & TAPER BUSHING (L, H, XH)
TIMING PULLEY is designed to compensate TIMING BELT which is used in industry which requires synchronize drive. The synchronize TIMING PULLEY, drives quieter than normal pulley. A TIMING PULLEY transmits force to the belt via evenly spaced grooves, which mate the teeth in the belt.

A TIMING PULLEY is maintenance free. TIMING PULLEY comes with various of sizes and pitches.

STEP PULLEY

**Description**

**UNI-DRIVE STEP PULLEY** is uniquely design for the special purpose of fractional horse power. A machine which uses STEP PULLEY can operates and changes different speed easily. It can be done by changing the belt to a different groove on the same pulley. (STEP PULLEY operates in pairs, when the belt is changed on one side, it is also change on the corresponding side).

**APPLICATIONS:**

- Drill presses equipment
- Lathes
- Milling machine

Available type: USCA 32 to 64
Description

Want to increase efficiency, vary speed, and extend the lifespan of your drive; use **UNI-DRIVE ADJUSTABLE PITCH PULLEY**. Turn the sides of the pulley on the threaded hub to increase or decrease the pitch. Drive speed variation can be extremely valuable as a system is commissioned. Variable pitch sheaves are a simple method to vary fan speed to meet the required air flow specifications, allowing the system to be compliant with all engineering and regulatory requirements. We provide only single grooves and double grooves ADJUSTABLE PITCH PULLEY.

APPLICATIONS:

- Fans and blowers
- Water industry
- Trash pump applications
**Description**

**UNI-DRIVE FINGER SPRING VS PULLEY** is normally used on the shaft of the electric motor. The finger spring in the variable speed pulley brings the variation of speed into play.

**FEATURES:**
- Steel disc
- Special design finger spring
- Dual disc movement
- Finished bore
- Dynamically balanced
- Craft to perfection

**DOUBLE SPRING PULLEY**

**Description**

**UNI-DRIVE DOUBLE SPRING PULLEY** is a two-sides moveable pulley. It is an ideal pulley for drives that has a shaft-to-shaft distance that needs immediate adjustment or intolerable belt misalignment.
**Berges Variable Speed Pulley** is a drive consists of two Variable Speed Pulley and a Variable Speed Belt. One pulley is place on the drive shaft, while the other one is spring loaded and placed on the driven shaft. The speed variation is obtained by turning the knob. The variable speed belt is pulled in or out between the flanges of both the pulleys. By changing the running diameter of the belt, it changes the speed variation. Normally use on gear boxes or any drives that requires manipulation of speed.

Available type: FSB, KM&Fs, KRM&RF, RD b,RF b

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**FLUID COUPLING PULLEY**

**Description**

UNI-DRIVE provide types of sizes and grooves of **FLUID COUPLING PULLEY**. You may easily find the right pulley of your choice at UNI-DRIVE. For more information on FLUID COUPLING PULLEY, please contact us.
**UNI-DRIVE POLY RIB PULLEY** is manufactured to compensate UNI-DRIVE RIB BELT. The poly rib pulley has a compact structure that ensures high power density, good power transfer and low operating costs. The pulley is made from standard cast iron. The shaft-hub connection can be customized to a cylindrical bore, with or without a keyway, or taperlock design upon special request.

Available type: PJ, PK, PL, PM

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**QD V PULLEY**

Description

From heavy duty applications for heavy load to light duty applications like vehicle drives system, UNI-DRIVE has it all. We have a selection of **UNI-DRIVE QD V PULLEY** to choose from pending on bore sizes, grooves or special requests. We understand your needs for perfect, precision and smooth sheave and that’s what we are giving.

Available type: 3V, 5V, 8V, A-B, C, D

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**BILOC PULLEY**
UNI-DRIVE BILOC PULLEY, a pulley especially made use with A & B section V belts or SPA & SPB section WEDGE BELT. It is a light-weight cast iron pulley with tapered bush in metric or imperial bore. Are used to mount Single, Double or different diameter Pulleys. Retainers and screws are used for single pulley assembly, while bolts are for double groove pulley assembly.

UNI-DRIVE PILOT BORE V PULLEY uses fine cast iron as raw material to give you the finest of our quality. It is lubricated excellently and easily withstand the excessive of wear and tear. It has the same similarities as the TAPER BUSHING V PULLEY but with a different twist, PILOT BORE as its hub. We provide all kinds of sizes and grooves from 50mm to 1250mm and single grooves to 12 grooves respectively. More grooves and bigger diameter are available on request.

TAPER BUSHING V PULLEY

UNI-DRIVE is well known for providing excellent TAPER BUSHING V PULLEY in the Malaysia market. It is lubricated excellently and easily withstand the excessive of wear and tear. It is manufactured with the highest quality raw material and the most advance technology. We provide all kinds of sizes and grooves from 50mm to 1250mm and single grooves to 12 grooves respectively. More grooves and bigger diameter are available on request.

MAIN FEATURES:

- Long durability
- Low maintenance
- Cost effective
- Highly durable

Available type: SPZ, SPA, SPB, SPC, 3V, 5V, 8V, A-B, C, D
RIGID TAPER BUSHING COUPLING (RM)

Description

Taper Bushing Rigid Coupling provide a convenient method of rigidly connecting ends of two shafts together. Taper bushing design allows easy and quick installation and dismantling of the coupling.

These coupling have a male and female flange full machined to fit. The male flange can have the bush fitted from the hub side H or from the flange side F, the female flange always has the bush fitting F.

RIGID CLAMPING COUPLING (UL-M)

Description

The RIGID CLAMPING COUPLING wraps around the shaft providing high transmission holding power and prevention of shaft damage. At applied, our RIGID CLAMPING COUPLING is guaranteed to improve overall equipment performance and save you costs in repairs and shaft damages.

We supply a wide range of RIGID CLAMPING COUPLING made from different materials such as stainless steel, cast iron, etc.

UNIVERSAL COUPLING

Description

UNI-DRIVE have types of UNIVERSAL COUPLING suitable for types of industry such as an extended shaft for wastewater treatment industry, super heavy duty to medium range shaft for steel industries, or vibration free shaft for a special application, and so much more.

MAIN FEATURES:

- High resistance to dynamic load variations
- Large deflection angles
- Uniform load distribution throughout the axial displacement range
- Low rotational diameter, low weight and versatile flange conditions

UNIVERSAL JOINT

Description
UNI-DRIVE supply types of sizes of **UNIVERSAL JOINTS** suitable for every application of general engineering.

We have **single joints** or **double joints** UNIVERSAL JOINTS in carbon steel or stainless steel.

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**TORQUE LIMITER (TL) WITH COUPLING**

**Description**

**UNI-DRIVE TORQUE LIMITER** are designed for machines with chain, gear or belt drives to prevent overloading of sensitive motors, gearboxes and machine components.

If overloading causes the level of transmitted torque to exceed the frictional torque between the two friction discs, which is created by the tension of the disc spring, the coupling slips and forcibly breaks the connection between the driving and driven side. When the torque subsequently falls to a level below that of the frictional force, the friction discs re-engage and torque transmission without backlash resumes.

High-quality torque limiting couplings, fully-machined components with a special rustproof surface coating. This prevents dirt from contaminating the interior. UNI-DRIVE Torque limiter coupling allows countless adjustment of the required slip torque, even when already installed.

Available size: UL200 to UL700

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**CHAIN COUPLING**

**Description**

**CHAIN COUPLING** has a simple structure, it consists of one duplex roller chain, two sprockets for a simplex chain, and an aluminium casing. You can connect and disconnect the coupling with your shaft by inserting and removing connecting pins.

Although chain coupling has a simple design but the distributing torque from one shaft to another is very efficient. It also allows certain degree of misalignment as the sprocket have clearance.

The coupling is enclosed in an aluminium casing which enhances safety to people around, vice versa the casing also enhances safety to the coupling itself like protecting the roller chain coupling from corrosive atmosphere.

STRUCTURE OF CHAIN COUPLING(VIDEO): [youtube.com/watch?v=TqvM-8Diu8Y](https://www.youtube.com/watch?v=TqvM-8Diu8Y)

Available size: UNI04012 to UNI16022
UMCT COUPLING

Description

**UMCT COUPLING** is a maintenance-free coupling that can be used in general engineering industry, pump industry, conveyor technology and etc.

The coupling consists of two hubs; pin hubs with pins and bush hubs. The torque is transmitted via the steel pins with their taper elastomer rings and the corresponding bores in the bush.

The advantages of using the UMCT coupling is if there’s shaft misalignment, for example, caused by an inaccurate alignment of the driving or driven elements, the vibrations and shocks are then excellently and reliably compensated.

DISC COUPLING

Description

**UNI-DRIVE DISC COUPLING** is a coupling that has no sliding, frictional, or moving parts, therefore there is no friction or noise, energy loss, and is lubrication-free.

The coupling has high torsional but no backlash. It is a coupling made for accuracy.

**APPLICATIONS:**
- Machine tools with numerical controllers
- Indexing system
- Printing machines requiring accurate shaft rotation and phase control

APPLICATION AND DESIGN OF DISC COUPLING(VIDEO): [youtube.com/watch?v=HH299HS1kw](https://www.youtube.com/watch?v=HH299HS1kw)

Available type:
- B4-Single disc type, Double disc type, Floating disc type
- B6-Double disc type, Horizontal floating type, Vertical floating type
- B8-Double disc type, Horizontal floating type, Vertical floating type

GRID COUPLING

Description

What makes **GRID COUPLING** a unique coupling is the spring-like grid thing on the surface of the coupling. The spring-like grid absorbs strong vibration and can buffer the impact load, to protect the drive and driven equipment. The more the load increases, the more the contact between the teeth and the grid, hence the more protected the equipment will be.

**APPLICATIONS:**
- Engine
- Electric motor
- Fans
- Blowers
- Compressor
- Pumps
- The requirement of dampening of equipment vibration

**MAIN FEATURES:**
Gentle start-up of the working machine
Reduce vibration and shock load
Provide adequate power transmission under line misalignment
Provide adequate power transmission under angular misalignment
Provide adequate power transmission under end floating
Prevent breaking of the machinery parts under overload

APPLICATION OF GRID COUPLING (VIDEO): youtube.com/watch?v=fJvShjwoFrg&t=2s

Available type: UH (horizontal split cover), UPAS (full spacer) & UPFS (half spacer), UPBW (break split wheel), UV (vertical split cover)

GEAR COUPLING (UGRL)

Description

**UNI-DRIVE GEAR COUPLING** is a high power density coupling with special teeth connection designation made from steel alloy.

MAIN FEATURES:
- Long life span
- High-speed, high-torque applications
- Anti-corrosion and anti-high temperature

APPLICATION OF GEAR COUPLING (VIDEO): youtube.com/watch?v=I-SSZYeQT&t=1s

MINIATURE COUPLING-5 (UK5)

Description

**UNI-DRIVE miniature coupling-5** features a higher torque capacity over elastomeric coupling types. The one piece clamping design allows for easy removal and assembly. The Aluminium hubs and stainless steel disc materials allow for excellent resistance to oil and other chemicals.

MAIN FEATURES:
- Backlash-free torque transmission
- Higher torsional rigidity
- Backlash-free shaft-hub-connection
- Low mass moment of inertia
- High speed

MINIATURE COUPLING-4 (UK3)

Description

MAIN FEATURES:
Use in applications requiring high torsional stiffness and torsional integrity
Aluminium hubs for lightweight, stainless steel discs for strength
Accommodates angular, axial, and parallel misalignment
Clamp-style mount for secure attachment to the shaft

MINIATURE COUPLING-3 (UK6)
Description
MAIN FEATURES:
● Backlash free, torsionally stiff
● Non-positive bellow hub connection
● Frictionally engaged clamping hubs
● Maintenance free
● Well resistant to corrosion
● Lower mass moment of inertia
● Available in stainless steel and aluminium

MINIATURE COUPLING-2 (UK1/UK2/UK7/SUK)
Description
MAIN FEATURES:
● High resistance, constant velocity
● Widely use in coder and mini motor transmission
● Integration, minitype, low inertia
● Available in stainless steel and aluminium
MINIATURE COUPLING-1 (UK4)

Description

MAIN FEATURES:
● Zero backlash
● High torque
● Compensate misalignment
● Absorption of vibration
● Electrical insulation
● Simple structure
● Convenient installation

FLUID COUPLING (HYDRONYAMIC COUPLING)

Description

A FLUID COUPLING is used as starting couplings in drives with high mass moments of inertia of the driven machine. It is operated based on the FOTTINGER principle. The motion of the vortex formed inside the coupling and the driving motion outside the coupling is the two main operating factor of the coupling.

APPLICATIONS:
• It is used in automotive industries for the transmission of power from the engine to the wheel as an alternative of a clutch
• It is used in marine propulsion systems
• It is used in various industries for the power transmission

PRINCIPLE OF OPERATION ON FLUID COUPLING (VIDEO): youtube.com/watch?v=tfe2ym8oiQw

APPLICATION OF FLUID COUPLING (VIDEO): youtube.com/watch?v=jiMTaHlgNY&t=1s

Available type: UDF (delayed filling fluid coupling), UFC (constant filling fluid coupling), UST

FLYWHEEL COUPLING

Description

UNI-DRIVE FLYWHEEL COUPLING best suits a generator. The rubber element allows the coupling to have a higher accommodation for misalignment and “act” as a tuner to prevent resonance, hence protecting the equipment and make the equipment last longer.
UBW COUPLING

Description

UBW COUPLING

MAIN FEATURES:

- Use in general mechanical engineering and hydraulics
- Maintenance free due to the materials use is plastic and steel
- Compensation of misalignment of shaft axial radial-angular
- Axially pluggable-simple mounting

PIN & BUSH COUPLING (PB)

Description

UNI-DRIVE smooth running PIN & BUSH COUPLING has simple construction that makes it easy to assemble and disassemble, easy parts replacement.

It is able to transmits power smoothly even under vibration and shock due to its ability to absorb shock and load vibration.

It is also able to transmit power under parallel and angular misalignment, and end-floating because of the special rubber compounds in the bush.

MAIN FEATURES:

- Lubrication-free
- Accommodates misalignment
- Damps out vibration
- Reversing resiliency against shocks
- Easy installation and removal
- INEXPENSIVE

URN COUPLING

Description

UNI-DRIVE URN COUPLING can solve a wide variety of problems regarding the application in transmission of torque and protection, in other words, able to compensate most types of shaft misalignment.

The complex N-shaped design is actually not that complex, thus it is the reason that it is quick and easy to install, quick and easy for inspection, and quick and easy for replacement of the element.

Advantages:

- Lubrication-free
- Misalignment protection reduces excessive wear on equipment
- Dampened torsional vibration and shock loads
- High torque density and bore capacity
- Uniformed transmission of torque
- Compact design-low inertia
- Easy installation

Available type: URN(A), URN(B), URNS(H)
URBW COUPLING

Description

**URBW COUPLING**, lubrication-free, maintenance-free is now available in UNI-DRIVE. Simple looking, easy installation yet high torque and flexibility. We have a wide selection of sizes to choose from.

NM COUPLING

Description

**UNI-DRIVE NM COUPLING** can compensate all types of shaft misalignment. The flexible rubber element in the coupling also provides great benefits like absorb dampen torsional vibrations and operates effectively in a wide temperature range, the reason being made is because the rubber ring is made of Nitrile rubber, hence it is also resistant to oil, dirt, grease, moisture, ozone and many chemical solvents.

Available size: UNM50 to UNM256
UE / UES COUPLING

Description

**UNI-DRIVE UE / UESpacer COUPLING** has a unique design with a split-in-half flex element and reversible hubs that significantly decrease total costs by reducing inventory and assemble time.

Although the coupling is not lubricated, it is made of polyurethane material. That’s why the coupling is still high durability, strength and fatigue resistance.

With the polyurethane rubber element, the coupling has high-misalignment capacity, higher endurance against shock loads and vibration, hence extending equipment life.

The UE COUPLING also provides spacer to minimize the gap between shafts.

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MH COUPLING

Description

**UNI-DRIVE MH COUPLING** is a coupling that uses shearing stress of elastic rubber. The design of the rubber element is shaped like a plum blossom for a reason. Utilizing the “plum blossom” design, the coupling manages to compensate for all types of shaft misalignment.

The damping characteristics of the rubber enable to absorb and dampen torsional vibrations, operate effectively in a wide temperature range. The rubber also resists oil, dirt, grease, moisture, ozone and many chemical solvents.

**APPLICATIONS:**
- PUMPS
- COMPRESSIONS
- FANS
- TRANSPORTING EQUIPMENT
- VEHICLES
- CEMENT MIXERS
- CONSTRUCTORS
- TRANSMISSION MACHINE
- ROLLERS
- TRACTORS
- METAL WORKING MACHINES
- ALLIED TRANSMISSION

Available size: UMH45 to UMH200

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USW COUPLING

Description

**UNI-DRIVE USW COUPLING** is a type of general power transmission coupling designed to transmit torque while damping system vibrations and accommodating misalignment, which protects other components from damage.

The magnificent of this coupling is its’ WRAP SPIDER element.
USSEX COUPLING

Description

UNI-DRIVE USSEX COUPLING is a low cost delicate jaw coupling that can meet the general application. It is indeed a simple constructed yet decent coupling.

Available size: U035 to U225
**UNI-DRIVE STGPR COUPLING** has many excellencies, such as shock attenuation, wear resisting and convenient for assembly. The spider element is tailoratable to hard or soft. Hard(RED)-provides greatest torsional stiffness and strength; Soft(YELLOW)-provides greatest dampening capability.

Element type: Open center
Available size: Size 19 to 125

**URC COUPLING**

Description

**UNIDRIVE URC COUPLING** is designed for general-purpose use. It is available in both Pilot bore and Taper Bushing design. Taper bushing allows quick and easy installation. The coupling's power capacities are balanced to the appropriate shaft diameter.

Following are the characteristics of the coupling:

- **Resilience**: Transient peak loads are reduced by a flexible element, deflection of which is a prime design consideration.
- **Misalignment**: Incidental parallel, angular, axial displacement of the connecting shafts can be accommodated.
- **Installation**: Is quick and easy without special tools, only a hexagonal wrench is required.
- **Maintenance**: Is virtually eliminated and no lubricant is required.
- **Environment**: The nitrite rubber component makes URC suitable for use in most conditions.
- **Positive engagement**: In the unlikely event of the flexible component being destroyed, the drive will be maintained by the interaction of jaws, which are integral part of the flanges.

**TYRE COUPLING**

Description

We present to you **UNI-DRIVE TYRE COUPLING**. It incorporates all the desirable features of ideal flexible couplings like, ability to accommodate maximum misalignment in all planes, free backlash that does not create 'SNATCH' on take off of the device, great shock absorbent, ULTRA easy maintenance and installations. Plus, with the versatile design, you can position the distance between flanges according to your own desire to alleviate possible axial reaction.

APPLICATION OF TYRE COUPLING(VIDEO): [youtube.com/watch?v=4zGgtcuNquQ&t=3s](https://www.youtube.com/watch?v=4zGgtcuNquQ&t=3s)

Available type: Standard tyre coupling, Tyre spacer coupling, Hollow shaft tyre spacer coupling, CA tyre coupling
**SILENT CHAIN (INVERTED TOOTH CHAIN)**

**Description**

The SILENT CHAIN strikes the sprocket at an angle, the impact and the noise are reduced. This is why these chains are called “silent.” The higher the chain speed, the greater the difference from roller chains. Silent Chains are used for the camshaft drive of the mid-size to large-size motorcycle engines and automobile engines.

Lubrication is needed when using this chain.

**PIV BEARING CHAIN**
PIV CHAIN (POSITIVELY INFINITELY VARIABLE CHAIN)

Description

PIV CHAIN is made from unique links forming hardened steel slats. Each slat is free to move sidewise and conform to the tooth shape of the paired sprockets. When the paired wheels are far apart the chain actually operates around a small diameter. When the wheels are close together the chain operates around a large diameter.

Its ability to variable to the changes gives the name PIV.

ADVANTAGES:
- HIGH SPEED PERFORMANCE
- LOWER SLIPPAGE

APPLICATIONS:
- Textile Industries - Blow Room Machinery, Processing Machinery, Texturising & Textile Machinery
- Packaging & Corrugating Industries - Rotary Sheet Cutters
- Food Processing Industries - Biscuit making machine & Stacking Machine, Glass Industry
- Paper and Pulp Industry
- Coal and Mining Equipments
- Rubber Machinery
- Rotary Printing Machinery
- Chemical & Pharmaceuticals
- Cement Plants
- Oil Refineries
- Thermal Power Plants

OVERHEAD TROLLEY CHAIN

Description

We supply types of overhead trolleys, trolley attachment and chains to suit your needs in different industry, such as poultry and red, white meat industry and etc.

Contact us to know more about our OVERHEAD TROLLEY CHAIN.
CURVE TABLE TOP CHAIN

Description

CURVED TABLE TOP CHAIN is a plated chain that holds conveyed objects on its upper side. Can be used in bottling and canning in the food industries, and etc. The type of movement defines whether it is straight tabletop or curved table top.

AVAILABLE IN PLASTIC AND STAINLESS STEEL.

STRAIGHT TABLE TOP CHAIN

Description

STRAIGHT TABLE TOP CHAIN is a plated chain that holds conveyed objects on its upper side. Straight table top chain can be used in bottling and canning in the food industries, and etc. The type of movement defines whether it is straight tabletop or curved table top.

AVAILABLE IN PLASTIC AND STAINLESS STEEL.
LEAF CHAIN

Description

**LEAF CHAINS** are used for forklift masts, as balancers between head and counterweight in machine tools, or for low-speed pulling (tension linkage). It is also called “Balance Chain”. The chain has high tensile strength per section area, this allows the design of the smaller equipment.

APPLICATIONS:
- CRANES
- FORKLIFT
- TRUCKS
- ELAVATORS
- PRINTING MACHINES
- STRADDLE CARRIERS
- CEMENT PLANTS

FREE FLOW CHAIN

Description

**FREE FLOW CHAIN** allows you to stop conveyed objects (with a stopper), while the chain runs continuously underneath. After the stopper is released, conveying resumes.

Free flow chains were developed to eliminate the possibility of damaging conveyed objects during the accumulating mode. These chains are equipped with rollers that support conveyed objects. When accumulating, freely rotating rollers are in contact with the bottom side of goods conveyed, which ensures smooth and damage-free operation.
HOLLOW PIN CHAIN

Description

The hollow pin feature allows easy insertion of cross rods without damaging the chain or rods. HOLLOW PIN CHAIN operates on standard sprockets and standard double pitch sprockets.

AGRICULTURE CHAIN

Description

We provide high durability and strong AGRICULTURE CHAIN to match the harsh condition that you face. We understand that only with strong agricultural chain, can make you and your machinery running happily and smoothly all day long. We can help you determine the types of agricultural chain that you need based on best value, durability and efficiency.
ATTACHMENT CHAIN 3

Description

Contact UNI-DRIVE for more information on availability of CHAIN ATTACHMENT 3.

ATTACHMENT CHAIN 2

Description

Contact UNI-DRIVE for information on availability of CHAIN ATTACHMENT 2.
ATTACHMENT CHAIN 1

Description

Contact UNI-DRIVE for more information on availability of CHAIN ATTACHMENT 1.

DOUBLE PITCH CHAIN

Description

Double pitch chain is a chain with larger roller diameter chain. It is usually used with a chain attachment.
RS (ANSI-AMERICAN NATIONAL STANDARD INSTITUTE) & BS (BRITISH STANDARD) ROLLER CHAIN

Description

We have standard roller chain (RS & BS roller chain). These chains are widely used throughout the world in a variety of applications, including drive, tension, shuttle traction, and transmission reduction operations.

Compared to the same-sized RS Roller Chains, the power ratings of BS chains in drive applications (tent curve) are a little lower; consult us for your needs before ordering.

Available type: RS Standard Roller Chain (size 25 to 240), BS Standard Roller Chain (size 03 to 72)

TENSIONER SPROCKET

CONVEYOR SPROCKET

Description

We have various shape, sizes and materials of conveyor sprocket for Standard Conveyor Chain, double pitch conveyor chains, etc. All our sprockets have strong wear resistance, high shock resistance and uniformed teeth contour and pitch.

ROLLER CHAIN SPROCKET

Description

We have various shape, sizes and materials of roller chain sprocket for “S” roller type or “R” roller type. All our sprockets have strong wear resistance, high shock resistance and uniformed teeth contour and pitch.
**RUBBER CONVEYOR BELT**

**Description**

We provide a range of RUBBER CONVEYOR BELT available in various specifications such as shapes, designs and sizes to cater to the diverse requirements of different industry:

- Food industry
- Cement factories
- Steelworks
- Foundries
- Power stations
- Metal pieces
- Foundry Sand
- Performsetc

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**CANVAS FLAT BELT**

**Description**

CANVAS BELT is widely used in an engine, air-blower, lifting machine, water pump and threshing machine and etc. The high strength canvas coupled with good quality rubber material, provide high transmission power, excellent flexibility, minimum sidetrack, durable with very little elongation.
PU/PVC FLAT BELT

Description

**PU FLAT BELT** a flat belt with excellent moisture and chemical resistance, together with high tensile strength.

APPLICATION:
- Food Industry
- Airports Industry
- Logistics Industry
- Mail sorting Industry
- Tobacco Industry
- Paper & Print Industry
- Textiles Industry
- Wood Industry
- Tire & Rubber
- Automotive Industry
- Metal Industry
- etc

PU V-BELT

Description

Our PU based material resists wear, fatigue, and ozone damage for a longer, more reliable working service life. **PU V-BELT** eliminates layers and overlaps for smooth running and low vibration, designed to service a range of light-duty and precision equipment applications.

POLYCORD

Description

APPLICATIONS:
- Serpentine drives
- Twisted drives
- Conveyors
- Commercial sewing machine
- etc

ADVANTAGES:
- Minimum stretch
- Minimum take-up
- No splice

PU POLY RIB BELT

Description
UNI-DRIVE POLYURETHANE RIB BELT is a combination of normal RIB BELT with polyurethane. It possess higher tear resistance along with high tensile properties. It is also much more stable in harsh condition. Conclusion, it is an awesome belt.

MOULDED TRULY ENDLESS FLAT BELT

Description

APPLICATIONS:
- ATM’s
- Banknote recyclers
- Banknote validators
- POS printers/cheque readers
- Office equipment
- Machine tools.

Main features:
- Seamless – truly endless
- High Friction PU
- Anti-Static versions available
- Dual Durometer hardness available
- Polyester or Kevlar reinforcement
- Resistant to Ozone, UV and Hydrolysis

NU-T LINK

Description

Alternative to standard belts on all industrial applications and particularly suited to drives requiring link belting for easier installation. It is also a perfect drive that has no take-up adjustment capability or, as an emergency replacement when the standard belt is not available.

ADVANTAGES:
- OIL AND HEAT RESISTANT
- CHEMICAL RESISTANT
- MINIMUM STRETCH
- STRONG AND FLEXIBLE
- Colour-CODED STUDS FOR EASY IDENTIFICATION

NU-T LINK IS AVAILABLE IN 50-FOOT REELS. THE STUDS ARE CODED COLOR CODED:
- 0-RED (AVAILABLE TYPE: 3L, Z/10, A/13, B/17, C22, D32)
- A-SILVER
- B-GREEN
- C-BLUE(AVAILABLE TYPE: SPZ, SPA, SPB, SPC)
OPEN END PU TIMING BELT

Description

Available in a broad range of construction to satisfy applications such as conveying, positioning, metering, etc.

APPLICATIONS:

- Office machines
- Machine tools
- Postage handling equipment
- Sewing machine
- Vending machine
- Outdoor power equipment
- Wood and paper
- Sand and gravel
- Oil filters
- Food processing
- HVAC
- etc

ADVANTAGES:

- Length stability
- Low noise
- Lightweight
- No lubrication needed
- Corrosion and abrasion resistant
- Precise fit
DOUBLE SIDED PU TIMING BELT

Description

DOUBLE SIDED PU TIMING BELT have teeth on both sides of the belt to provide smooth transmission power under exacting drive conditions. It is made of polyurethane for resistance to chemicals, abrasion, and wear. Strong, durable tensile cord for a longer lifespan. It is suitable for use in industrial applications such as agriculture, textile manufacturing, mining, and printing machinery, and consumer applications such as office equipment, home appliances, and automobiles. Teeth on the underside of the belt that join with the grooves in a rotating pulley to transmit power at a constant speed without slippage. The belts require minimal re-tensioning and maintenance, no lubrication, and provide quiet operation.

PU (polyurethane) TIMING BELT

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Provide range of: T2.5, T5, T10, T20, AT5, AT10, AT20

MINIATURE TIMING BELT

Description

MINIATURE TIMING BELT is ideal for precise motion control in limited spaces, like robotics, printers and medical devices.

Advantages:
- Positive, No Slip Synchronization
- Accurate Positioning
- High Torque Transmission Capability with Low Backlash
- Quiet Operation
- Low Vibration
- Long Belt Life
- Performs in Harsh Environments
SLEEVE TIMING BELT

Description

**UNI-DRIVE SLEEVE TIMING BELT** plays an excellent part in power transmission drives. It allows synchronized transmission at a high and constant angular speed. It is unique as the belt can be cut to ANY desired width (non-standard width).

APPLICATIONS:

- Textile Machinery
- Garment Machinery
- Conveyer Equipment
- Packaging Machinery
- Electric Cars
- Motorcycle
- Food Machinery
- Marine
- Mining Equipment
- Agricultural Machinery
- Car

RPP+(REINFORCED PARABOLIC PROFILE) TIMING BELT

Description

**RPP+ TIMING BELT** is designed to run standard HTD timing belt pulleys. It offers 50% higher power transmission capabilities. Hence, makes RPP timing belts as a replacement for standard HTD drives as well as gear and chain drives.

ADVANTAGES

- Ozone, heat and oil resistant
- Runs quieter
- Maintenance free
- Low installation tension
- Reduces sprocket wear

Available types: RPP 3M, RPP 5M, RPP 14M

DOUBLE SIDED TIMING BELT

Description

The **DOUBLE SIDED TIMING BELT** is designed for synchronized serpentine drives, these belts have teeth on both sides of the belt to provide smooth transmission power under exacting drive conditions.

ADVANTAGE

- Long working life
**HTD BELT**

**Description**

HTD BELT, a timing belt with Curvilinear tooth profile for improved stress distribution. Reduced tooth jump due to deeper tooth design. High efficiency due to positive engagement between belt teeth and the pulley grooves. Suitable for high torque application to replace chain drive with quiet running and maintenance free.

**ADVANTAGES**

- No re-tensioning required
- Free from maintenance
- Increased power transmission capacity
- No high tension required

Provide range of: HTD 3M, HTD 5M, HTD 8M, HTD 14M, HTD 20M

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**RUBBER TIMING BELT**

**Description**

RUBBER TIMING BELT has synthesized all the requirements of a belt drive while working to ensure exact synchronization of the belt’s teeth and the gullets of the pulley. They are maintenance-free with resistance to external influences i.e., designed for a wide temperature range, suitable for tropical climate, resistant to ozone, moderately oil resistant and insensitive to weathering also making the product work well in pollution free areas.

**ADVANTAGES**

- Accurate transmission ratio
- Low elongation rate
- Non-sliding constant velocity ratio
- Quiet running
- Absorption of vibration
- No lubrication needed

Available type: MXL, XL, L, H, XH, XXH
AGRICULTURE VS BELT

Description

We provide a series of agriculture belt. For more information on AGRICULTURE VS BELT please contact us.

VARIABLE SPEED BELT (VS BELT)

Description

With the precision moulded cogs provide flexibility to reduce heat build-up and give a wide range of speed rations on variable speed pulley applications.

ADVANTAGES

• Heat, oil and anti-static resistant

Available type: Industrial variable speed belt, Agriculture variable speed belt, Motorbike variable belt

Top width: 5 TO 100 mm
Thickness: 5 TO 32 mm
Angle: 22 TO 42 degree

WIDE ANGLE BELT

Description

The small cross section makes these WIDE ANGLE BELT the preferred choice where short centres, small diameter pulleys and high speeds are required on compact equipment designs. The “banded” construction minimizes or eliminates turnover problems associated with small cross section belts.

ADVANTAGES

• Sheat, oil and anti-static resistant
• Minimum vibration

POWER RIB BELT
**Description**

**POWER RIB BELT** is precision engineered for long life under severe operating conditions. It is extremely flexible and capable to work on small pulley diameters and serpentine drives. Speed Ratio over 1:30 are possible. 5 section cover the large power range from 0.1 to 600 kW.

**ADVANTAGES**

- Heat, oil and anti-static resistant
- Thinner hence can use smaller, cheaper sheaves.
- Smooth, lesser vibration
- Better in resists cracking

Available type: PH, PJ, PK, PL, PM

Standard: RMA IP26, ISO 9981, DIN 7753

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**DOUBLE V BELT**

**Description**

**DOUBLE ANGLE V BELTS** are mainly used in applications where the belt is needed to transmit power from both sides of the belt on a reverse bend, serpentine drives.

**ADVANTAGES**

- Heat, oil and anti-static resistant
- Unique design for reduced bending and maintaining sidewall contact

Provide range of: AA SERIES, BB SERIES, CC SERIES

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**AUTOMOTIVE BELT**

**Description**

We provide a range of high-performance **Automotive Belt** such as:

- CAR BELTS
- TRUCK BELTS
- BUS BELTS
- SCOOTER BELTS
- MOTORCYCLE BELTS
- RANGE OF BELTS FOR MOTOR VEHICLE
- etc
COGGED BANDED BELT

Description

COGGED BANDED BELT has all the qualities of a BANDED BELT but greater. It has greater flexibility and improved heat dissipation. Available for classical V and WEDGE\NARROW.

ADVANTAGES

- Heat, oil and anti-static resistant
- High stability
- No side bending

Available type: HAX, HBX, HCX, HSPZX, HSPBX, HSPCX, H3VX, H5VX, H8VX

BANDED BELT

Description

Stabilize belts that whip, flip over, or jump off sheaves with BANDED BELTS. It is permanently bonded together with a tough tie band. Therefore Banded belts enhance power transmission capacity by up to 25% and offer a permanent matched set. Available for classical V and WEDGE\NARROW.

ADVANTAGES

- Heat, oil and anti-static resistant.
- High stability
- No side bending

Available Type: HA, HB, HC, HD, HE, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

Standard: API 1B, ISO 5290, ISO 5291, IS 2494, BS 3790, DIN 7753
COGGED WEDGE BELT

Description

**COGGED WEDGE BELT** generate higher horsepower ratings with limited space where larger belts wouldn’t work. The cog makes the belt run cooler and last longer.

ADVANTAGES:

- Heat, oil and anti-static resistant.

Available type: XPZ, XPA, XPB, XPC, 3VX, 5VX, 8VX

We provide optional belt such as:

- Fire Resistant Antistatic(FRAS) Belt suitable for drives working in inflammable atmosphere
- Dry Cover(DC) Belt suitable for drives having clutch application where contamination is not acceptable

WEDGE BELT\NARROW V BELT

Description

**WEDGE V BELTS** generate higher horsepower ratings with limited space where larger belts wouldn’t work. You use fewer belt per drive and save weight, space, and cost. Therefore lower energy consumption.

ADVANTAGES:

- HEAT, OIL, ANTI-STATIC RESISTANT

Available type: METRIC UNITS(SPZ, SPA, SPB, SPC) and IMPERIAL UNITS 3V SERIES, 5V SERIES, 8V SERIES

Standard: API 1B, RMA IP22, ISO 4183, ISO 4184, BS 3790, DIN 7753

We provide optional belt such as:

- Fire Resistant Antistatic(FRAS) Belt suitable for drives working in inflammable atmosphere
- Dry Cover(DC) Belt suitable for drives having clutch application where contamination is not acceptable
CLASSICAL V BELT

Description

CLASSICAL V BELT are designed to cut operating costs and reduce maintenance on multiple belt industrial drives. It is suitable for all industrial applications, including v flat drives.

ADVANTAGES:

- Transmit up to 2 times more power
- Oil and heat resistant
- Anti-static resistant

Available type: K, ZM, A, B, 20, C, 25, D, E

Standard: API 1B, RMA IP20, ISO 4183, ISO 4184, BS 3790, DIN 2215

We provide optional belt such as:

- Fire Resistant Antistatic(FRAS) Belt suitable for drives working in inflammable atmosphere
- Dry Cover(DC) Belt suitable for drives having clutch applications where contamination is not acceptable

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Uni-Drive Technologies Sdn. Bhd.

No. 23, Jalan Utama 2/18, Taman Perindustrian Puchong Utama, 47100, Puchong, Selangor, Malaysia

Tel ________________________________ 03-8061 6733
Fax ________________________________ 03-8061 9733
E-Mail ________________________________ unidrive@hotmail.com
Website ________________________________ www.uni-drive.com.my

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24 HOURS ___________________________________ 012-353 5595

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