Authorised IKO Linear Partner

LINEAR MOTION SOLUTIONS

transdev.co.uk

TransDev®
THE POWER IN MOTION

IKO

Linear Engineering for Professionals

With more than 60 years of experience, IKO Nippon Thompson specializes in quality needle bearings, linear motion rolling guides, precision positioning tables and machine components. IKO guides, bearings and tables are used in a wide range of applications including Semiconductor, Packaging, Medical, CNC machines and Automation.

Since becoming Japan's first maker of needle roller bearings in 1959, IKO has established a world-class reputation as an innovative producer of high-quality, precision bearing products. Using their expertise and technology through years of experience producing needle roller bearings, they have developed a line of motion rolling guides units that combine carriages and track rails. Since the introduction of their first linear motion rolling guide unit, or Linear Way in 1978, these products have become important components for high demanding applications, IKO also developed a wide range of products made in stainless steel and fitted with special lubrication, suitable for clean room environments.

Linear Motion Guide

(SEE P8 & 9)

TransDev®
THE POWER IN MOTION

Why use TransDev and IKO?

With over 50 years of power transmission, lifting and conveying experience, TransDev offers a high level of expertise and experience. Our Technical team members, Sales contacts and Regional Sales Engineers are ready to provide assistance in helping you specify linear products or advise on an overall solution.

TransDev offer a complete solution for linear applications. In addition we can supply industry leading linear belting, pulleys, clamp plates, plus other linear and machine manufacturing accessories.

BRECO® TIMING BELTS
WIPPERMANN
Witra® Proof of Quality
TYCO

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Searching for your ideal linear solution?

TransDev's Linear Solutions brochure combines genuine IKO quality with TransDev's motion expertise and complementary product ranges.

Motion

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Ball Slides & Bushings 11

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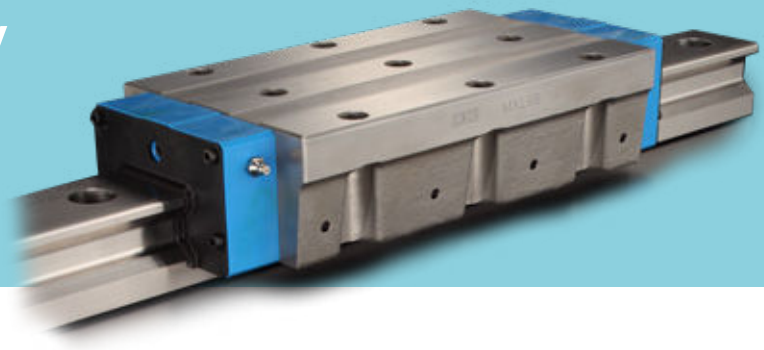
Accessories

Linear & Machine 15

Trans-back Drive-flex RESATEC Trans-plas

Why Choose IKO Linear Way

Learn about the build quality, interchangeability, accuracy and innovative lubrication features of IKO's leading Linear Way products.



Lubrication

Nippon Thompson Co. Ltd. is committed to developing products that make its customer's machinery and equipment more reliable; thereby helping to preserve the global environment.

Just one example of this approach is the term "Oil Minimum". IKO's Oil Minimum ethos has led to the creation of a proprietary family of lubricating parts named "C-Lube".

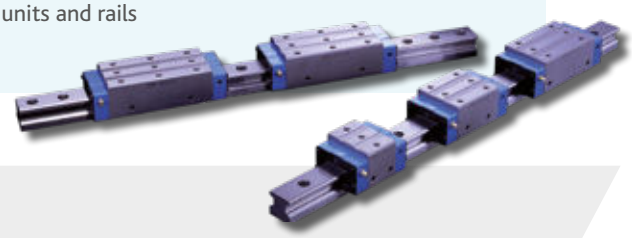
"C-Lube" minimizes usage of lubrication oil and supplies the optimal amount of lubrication oil for long periods of time. This enables a long term maintenance free life whilst also helping to preserve the global environment.

By replacing the interchangeable linear way or linear roller way slide unit with C-Lube Linear Way or a C-Lube Linear Roller Way slide unit, maintenance free operation is achieved; while still using the same track rail.

Benefits of C-Lube

The elimination of the oil feeder and its piping with a C-Lube solution provides a range of benefits:

- Reduces the initial cost
- Saves on machine space
- Minimises oil usage
- Reduced maintenance
- More possibilities for machine designers
- Minimises waste
- Supports easy interchange of units and rails

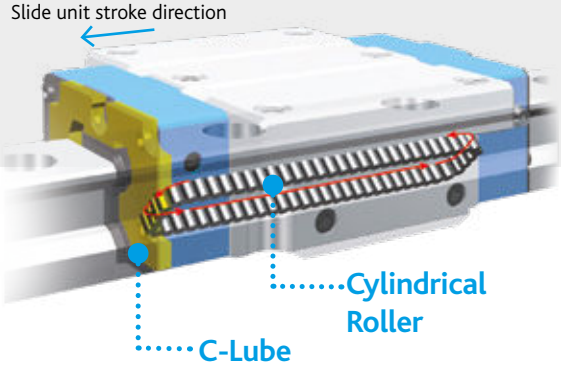


Integrated C-Lube

Lubrication oil is supplied directly to the rolling elements via capillary lubricating elements, not to the track rail.The surfaces of these capillary lubricating elements are always covered with the lubrication oil.

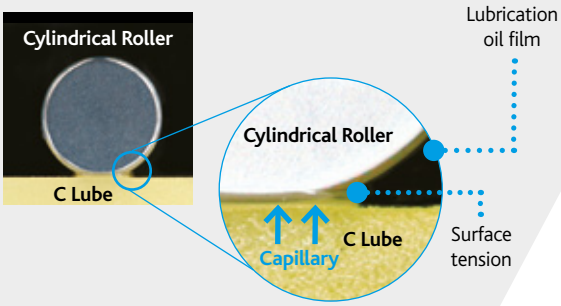
The surface tension in the contact of capillary lubricating elements, surface and rolling elements ensures continuous overall lubrication.

On the surface of capillary lubricating elements, with which the rolling elements make contact, new lubrication oil is always supplied from the other sections.



Lubrication oil is supplied to surfaces of rolling elements and carried to the loading area through the circulation of rolling elements.

Appropriate levels of lubrication oil are thereby properly maintained in the loading area, delivering long lasting lubrication performance.



Special Environment Availability

Linear Way and Linear Roller Way are available for various special environments:

- Clean environments
- Vacuum environments
- Heat resistance
- Anti-corrosion
- Dust and foreign substances
- Spatter protection
- Non-magnetic

They use different materials, grease, surface treatments, scrapers and other adaptations to provide trouble-free performance.

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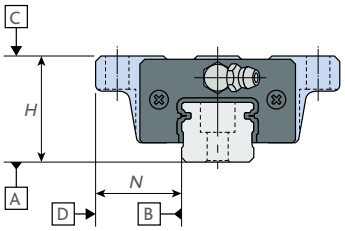
Accuracy Classes

Three accuracy classes are available - **Ordinary, High and Precision class**. Height variation can be controlled with multiple assembled sets, including parallel track rails.

As the ball is stabilized during track groove measurement, highly accurate measurement and precise preload management are possible. Highly accurate dimensions and a simple product structure enable the easy interchangeability of preloaded slide units. This benefits applications where a small change in rigidity is required e.g. Light preload to Standard preload.

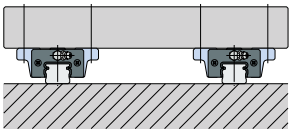
Standard setting to precision

- Tolerances of dimensions H & N
- Variation of dimensions *H* & *N* in 1 set
- Parallelism in operation of the C surface to A surface
- Parallelism in operation of the D surface to B surface



A parallel arrangement of multiple assembled sets

- Variation of H dimension in multiple assembled sets can be specified



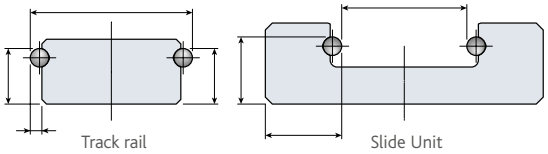
Build

IKO offers a two-row four-point contact type for every Linear Way series. Thanks to IKO's design know how and advanced production technologies, high accuracy and smooth motion are achieved across all sizes of linear way, right down to their Micro series. In addition, load in every direction is handled evenly. This provides stable, high accuracy and rigidity, even in applications where load has variable direction and size or a complex load is applied.

Linear Roller way Super X characteristics

- Super high load capacity
- Long Life
- Super high rigidity
- Enables accurate positioning
- Stable running
- Downsizing and increased load capacity
- Shortened positioning time

Measurement of way accuracy



Interchangeability

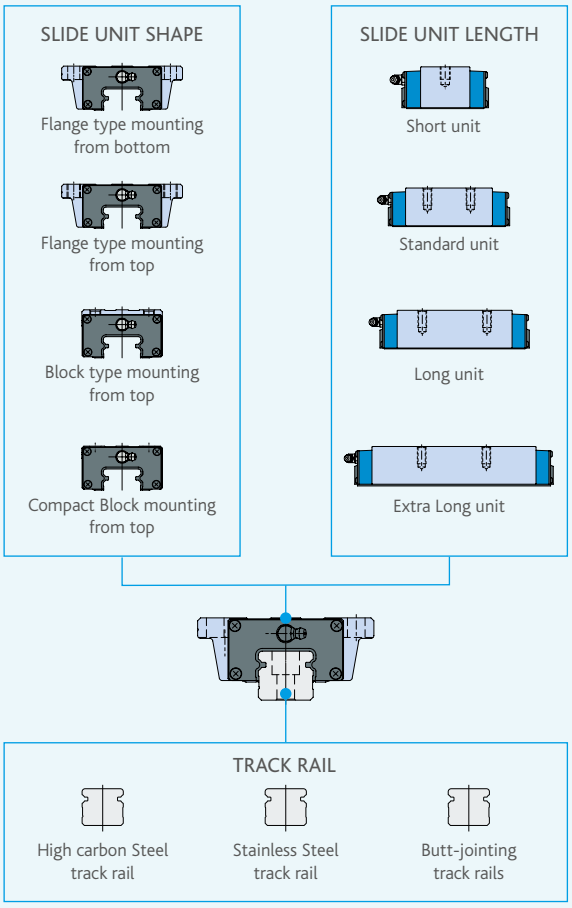
Many types of slide units are available and every slide unit is interchangeable with the same track rail. A wide variety of slide unit models with different sectional shape and length are provided, for free replacement on the same track rail. The simple design of four-point contacts in a two-row raceway minimises manufacturing and measurement errors, allowing the accurate maintenance of each raceway. The high accuracy of devices can be maintained, even in multiple-use environments.

Interchangeable parts are available for short delivery. Slide units and track rails can be ordered individually.

Advantages

- Accommodate sudden design changes
- Independently adjust accuracy and preload
- Change slide units and track rails separately
- Store slide units and track rails apart to save space

Interchangeability of Slide Unit



Interchangeability of Track Rail

Micro Linear = Miniaturisation

Micro Linear Way L is the world's smallest linear way. L supports designers looking for further space gains through miniaturisation. A wide variety of track rail widths from 1mm to 6mm are available with highly accurate micro positioning mechanisms.

Roller Type Linear Motion Rolling Guides

The Linear Motion Rolling Guide Series is a range of machine parts that are indispensable for reducing linear motion friction in the positioning mechanisms of machinery. We supply a large range of products including the linear way and linear roller way rail guiding systems, and a ball spline-based shaft guiding system. Available sizes range from the world's smallest track rail at just 1 mm wide, to a very large version.

C-Lube Linear Roller Way

The highly functional Linear Roller Way Super X LRX has greatly expanded its capabilities, to include features such as maintenance free operation. There are a total of 8 sizes and a complete line-up of 67 models.

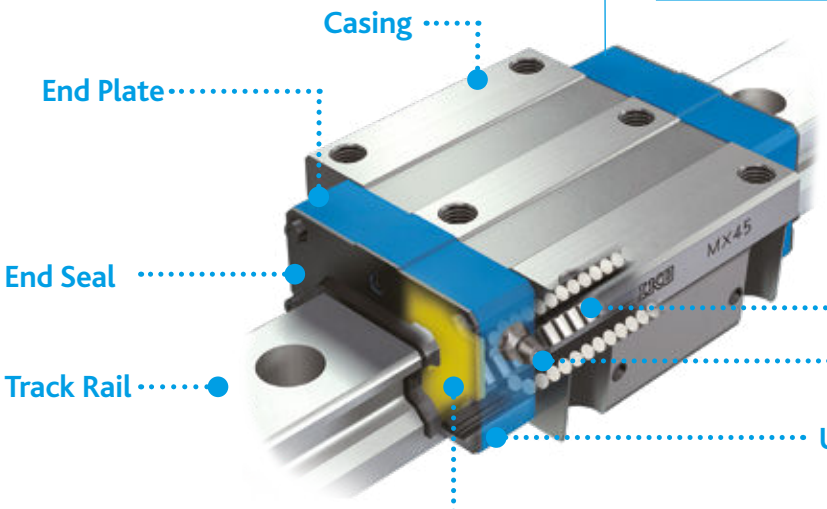
C-Lube Linear Roller Way Super MX offers long maintenance free operation by building in a capillary lubricating element to Linear Roller Way Super X LRX . This boasts the highest level of performance from a Linear Motion Rolling Guide Series.

Normally indispensible oil supplying mechanisms for lubrication and oil supply and associated man-hours become unnecessary, greatly reducing maintenance costs.

SUPER MX/LXR

- High performance, reliability, rigidity, and accuracy
- Smooth motion
- Ideally suited for machine tools, semiconductor manufacturing and liquid crystal manufacturing
- Superior cost performance for your machines
- Maintenance free for 20,000 km or 5 years
- Minimises the amount of lubricant required
- Helps protect the global environment

The Aquamarine endplate is the symbol of 'maintenance-free operation'



Completely interchangeable outside dimensions with the LRX series

Cutting Service Available

SEE PAGE 9

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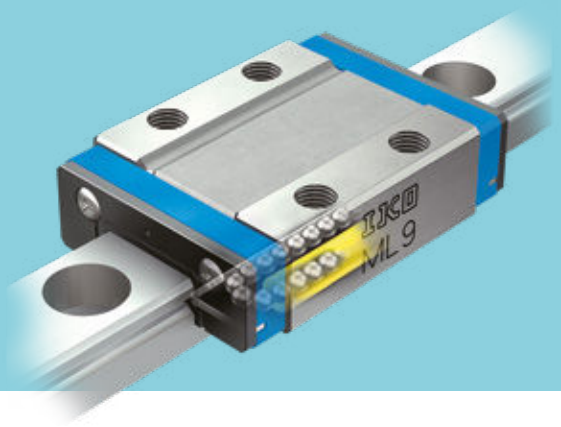
Ball Type Linear Motion Rolling Guides



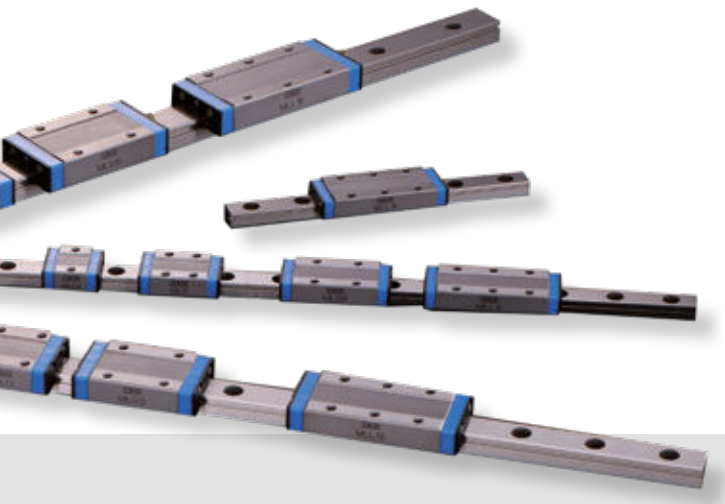
Miniature Type C-Lube Linear Way

ML

- High performance, reliability, rigidity, and accuracy
- Smooth motion
- Ideally suited for machine tools, semiconductor and liquid crystal manufacturing
- Superior cost performance for your machines
- Maintenance free for 20,000 km or 5 years
- Minimises the amount of lubricant required
- Helps protect the global environment

LWL

- Miniature type linear motion rolling guide
- Two rows of steel balls arranged in four point contact with the raceways
- Stable accuracy and rigidity in operations, under fluctuating loads with changing direction and magnitude or complex loads
- Stainless Steel
- Wide range of shapes and sizes are available
- Selections suitable for each application



C-Lube Linear Way

ME/LWE MH/LWH

- Compact type
- Built in lubricating parts
- Long term maintenance free running can be achieved
- High rigidity
- Performs endless linear motion along a track rail
- Two rows of steel balls arranged in four point contact with the raceways
- Stable high accuracy and rigidity in operations, even under fluctuating loads with changing direction and magnitude or complex loads
- A wide range of shapes and sizes are available
- LWH series features the largest load ratings and rigidity among all ball types

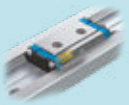
MV

- High load capacity
- Maximum downward load rating
- Extra low profile
- Light weight
- Built in lubricating parts
- Long term maintenance free running can be achieved

MU/LWU

- Linear motion rolling guide adopting U-shaped track rail
- Built in lubricating parts
- Long term maintenance free running can be achieved
- LWU series - Raceways on inside surface of track rail
- Much higher rigidity compared with a rectangular cross-section
- Can be used by itself as a structural member in machines and equipment, in a cantilever position or being supported at both ends

Linear Motion Rolling Guide Series

		C-Lube Maintenance Free Series	
Rail Guide Type	 **Ball Type Miniature Series** Super small-size linear motion rolling guide produced by original small sizing technology	**C-Lube Linear Way ML** **ML** - Standard type **MLF** - Wide type	**Linear Way L** **LWL** - Standard type **LWLF** - Wide type
	 **Ball Type Miniature Value Series** Economical linear motion rolling guides with equivalent performance of Ball Type Miniature Series	**C-Lube Linear Way MLV** **MLV**	
	 **Ball Type Low Profile/Light Weight Series** Super low profile and super light weight linear motion rolling guides with high load capacity	**C-Lube Linear Way MV** **MV**	
	 **Ball Type Compact Series** Versatile linear motion rolling guides focused on compactness	**C-Lube Linear Way ME** **ME** - Flange type mounting from bottom **MET** - Flange type mounting from top **MES** - Block type mounting from top	**Linear Way E** **LWE** - Flange type mounting from bottom **LWET** - Flange type mounting from top **LWES** - Block type mounting from top
	 **Ball Type High Rigidity Series** High rigidity linear motion rolling guides designed to evenly support high loads by incorporating large-diameter balls	**C-Lube Linear Way MH** **MH** - Flange type mounting from bottom **MHT** - Flange type mounting from top **MHD** - Block type mounting from top **MHS** - Compact block type mounting from top	**Linear Way H** **LWH** - Flange type mounting from bottom **LWHT** - Flange type mounting from top **LWHD** - Block type mounting from top **LWHS** - Compact block type mounting from top **LWHY** - Side mounting type
	 **Ball Type Wide Rail Type Series** Linear motion rolling guide suitable for single-row use due to having resistance to latitudinal moment loads via a wide track rail		**Linear Way F** **LWFH** - Flange type mounting from top/bottom **LWFF** - Flange type mounting from top/bottom **LWFS** - Block type mounting from top
	 **Ball Type U-Shaped Track Rail Series** Linear motion rolling guide with high track rail rigidity via U-shaped track rail	**C-Lube Linear Way MUL** **MUL** - Small type	**Linear Way U** **LWUL...B** - Small type **LWU...B** - Standard ball-retained type **LWU** - Standard ball non-retained type
	 **Roller Type** Linear motion rolling guide that has achieved the highest level of performance in all characteristics utilising the roller's superior characteristics	**C-Lube Linear Roller Way Super MX** MX - Flange type mounting from top/bottom MXD - Block type mounting from top MXS - Compact block type mounting from top MSN - Low profile flange type mounting from top/bottom MXNS - Low profile block type mounting from top	**Linear Roller Way Super X** **LRX** - Flange type mounting from top / bottom **LRXD** - Block type mounting from top **LRXS** - Compact block type mounting from top
	 **Roller Type** Roller type linear motion rolling guide with cylindrical rollers in four-rows		**Linear Roller Way X** **LRWX** - Block type mounting from top **LRWXH** - Flange type mounting from bottom
	 **Module Type** Minimum sized linear motion rolling guide with both a track rail and slide member provided		**Linear Way Module** **LWLM** - Ball type small type **LWM** - Ball type standard type **LRWM** - Roller type
	 **Crossed Roller Way** Linear motion rolling guide incorporating a roller cage between two ways, whose two V-shaped surfaces are used as the track groove		**Anti-Creep Cage Crossed Roller Way** CRWG CRWUG
	 **Linear Slide Unit** Light-weight, small, and compact linear motion rolling guide, that offers light and smooth motion		**High Rigidity Precision Linear Slide Unit** BWU
Shaft Guide Type	 **Linear Ball Spline** Linear motion rolling guide performing linear motion whilst also providing torque transmission along the spline shaft by external cylinder or slide unit	**C-Lube Linear Ball Spline MAG** **MAG** - Standard type **MAGF** - Flange type	**Linear Ball Spline G** **LSAG** - Standard type **LSAGF** - Flange type
	 **Linear Bushing** A wide variety of linear motion rolling guides facilitating rolling motion in bush guides		**Linear Bushing G** LMG
	 **Stroke Rotary Bushing** Linear motion rolling guide enabling the rolling motion, rotary and linear motion in axial directions		**Stroke Rotary Bushing** **ST** - Ordinary type **ST...B** - For heavy load
Flat Guide Type	 **Roller Way & Flat Roller Cage** High accuracy linear motion rolling guide providing high rigidity in load direction		**Roller Way** RW SR GSN

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Mechatronics Series

		Series	Single Axis	Multi Axis
Ball Screw Drive		Precision Positioning Table TE	TE···B	
		Precision Positioning Table TU	TU	
		Precision Positioning Table L	TSL···M	
		Precision Positioning Table LH	TSLH···M	CTLH···M
		Super Precision Positioning Table TX	TX···M	CTX···M
		Cleanroom Precision Positioning Table TC	TC···EB	
		Micro Precision Positioning Table TM	TM	
		Precision Positioning Table TS/CT	TS	CT
		Alignment Table AT	AT	
		Alignment Module AM	AM	
		Precision Elevating Table TZ	TZ TZ···H TZ···X	
Linear Motor Drive	Moving Magnet Type 	Nano Linear NT	NT···V NT···H	NT···XZ NT···XZH
		Alignment Stage SA	SA···DE/X	SA···DE/XY SA···DE/XS SA···DE/XYS
	Moving Coil Type 	Linear Motor Table LT	LT···CE LT···LD LT···H	
		Alignment Stage SA	SA···DE/S	SA···DE/XS SA···DE/XYS
Timing Belt Drive		Precision Positioning Table LB	TSLB	

Low Decibel Linear Way E
LWE...Q - Flange type mounting from bottom
LWET...Q - Flange type mounting from top L
WES...Q - Block type mounting from top

Anti-Creep Cage Crossed Roller Way H
CRWG...H

Crossed Roller Way Unit
CRWU
CRWU...R
CRWU...RS

Crossed Roller Way
CRW : Standard type
CRWM : Module type

Precision Linear Slide Unit
BSP - Limited linear motion type
BSPG - Built-in rack & pinion type
BSR -Endless linear motion type

Linear Slide Unit
BSU...A

Block Type Linear Ball Spline
LSB

Stroke Ball Spline
LS

Linear Bushing
LM
LME
LMB

Miniature Linear Bushing
LMS

Miniature Stroke Rotary Bushing
STSI - Assembled set with a shaft
STS - Assembled set without a shaft

Stroke Rotary Cage
BG

Flat Roller Cage
FT - Single row type
FTW...A - Double row angle type

In-house Cutting Cell for excellent choice and delivery

Our linear rail cutting cell has the facilities to cut shaft and rail to multiple lengths. This vastly increases choice and availability for our customers, with quick delivery times possible.

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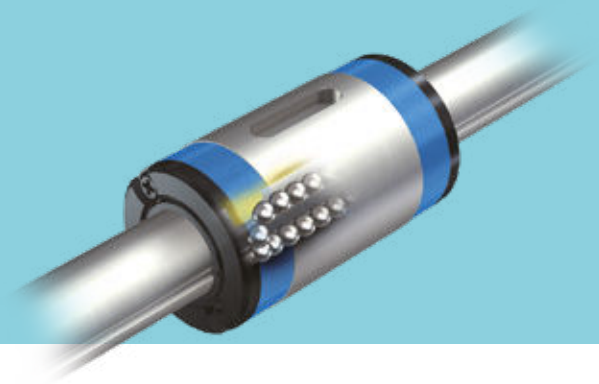
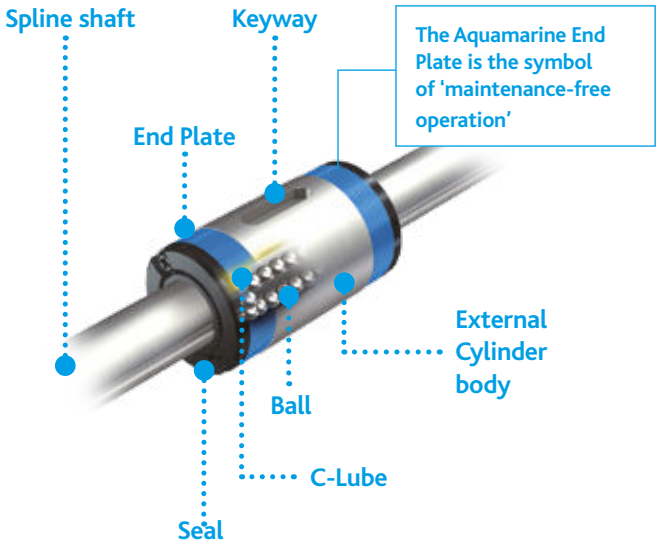
Ball Splines



C-Lube Linear Ball Spline

MAG

- Compact linear motion rolling guide
- Achieves the endless linear motion of an external cylinder along a spline shaft
- Provides superior cost performance for your machines
- Maintenance free for 20,000 km or 5 years
- Minimizes the amount of lubricant required and helps protect the global environment
- Stable high accuracy and rigidity even under fluctuating loads with changing direction and magnitude or complex loads



Linear Ball Spline

G LSAG

- Linear motion rolling guide
- Achieves the endless linear motion of an external cylinder along a spline shaft
- Simple compact design
- Two rows of Steel balls are arranged in four point contact with the raceways
- Stable high accuracy and rigidity even under fluctuating loads with changing direction and magnitude or complex loads

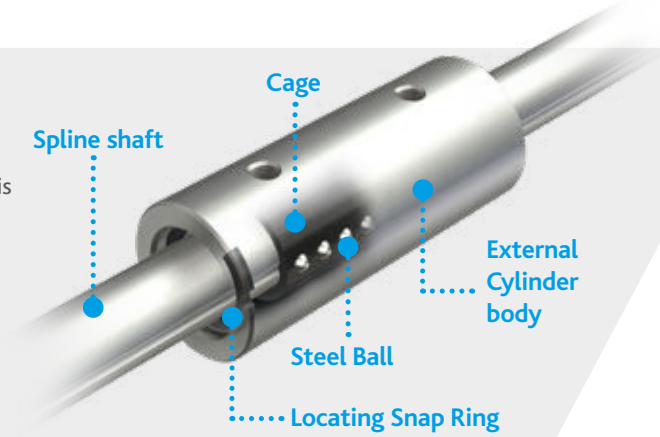
Block Type Linear Ball Spline

LSB

- Linear motion rolling guide
- Features a slide unit which performs endless linear motion along a spline shaft
- Two rows of steel balls are arranged in four point contact with the raceways
- Design ensures stable high accuracy and rigidity even under fluctuating loads with changing direction and magnitude or complex loads

Stroke Ball Spline

- Extremely smooth opertaion even when used for vertical axis
- Minimal variations in the sliding resistance value
- Compact design
- High rigidity in all directions
- No gap in the rotating direction
- Accurate positioning is possible



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Anti-Creep Crossed Roller Way, Ball & Linear Slide Units and Bushing

Crossed Roller Way

CRW(G)

- Anti-Creep Cage Crossed Roller Way Unit
- Cage creep proof function
- Rack and pinion mechanism
- Smooth linear motion
- Super high accuracy

CRWU(G)

- Rolling guide unit for limited stroke linear motion
- High rigidity table and bed
- Elastic deformation under load is minimal in all directions
- Very smooth linear motion
- Wide variety of sizes available

CRWU...R(S)

- Low sectional height
- Stable accuracy and high rigidity in linear motion against loads in any direction
- Compact linear motion rolling guide unit
- Simple lightweight structure
- Ideal for applications in which the centre way is stroked and high accuracy with low inertia is required

CRWM

- Module type Crossed Roller Way

High Rigidity Precision Ball Slide

BWU

- Compact
- Limited stroke length
- Two rows of steel balls in four point contact with the raceways
- Stable accuracy and high rigidity are obtained, even under fluctuating and complex loads

Precision Linear Slide

BSP/BSPG

- Lightweight and compact
- U-shaped table and bed
- Stainless steel
- High performance and durability
- Ideal measuring equipment, disk drives, IC manufacturing and inspection devices
- Wide variety of sizes available

Miniature Stroke Rotary Bushing

STSI

- Compact, small diameter and low sectional height
- Able to achieve rotary and linear motion at the same time
- High accuracy and low frictional resistance
- Ideal for measuring instruments, IC manufacturing machines and precision equipment

Mechatronics Series Ball Screw Drive

The Precision Positioning Table Series combines precision machining technology and electronics. With a wide range, from module type tables to high-precision versions, the Precision Positioning Table Series is ideal for a variety of applications, from semiconductor or flat panel display manufacturing equipment, to precision equipment. It can also contribute to an overall reduction in design and assembly time.

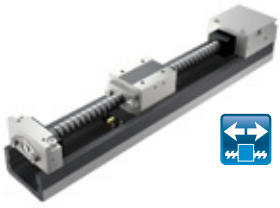
LINEAR LINEAR ALIGNMENT LINEAR

Precision Positioning Tables

TE

- High-strength Aluminium alloy is used for main components
- Lightweight, low profile and compact positioning table
- High accuracy positioning
- Long term maintenance free specification with C-Lube built in
- Excellent cost performance

TU



- Original high rigidity U-shaped track rail adopted
- Various table specifications are available according to your use
- Slide table with high accuracy and high rigidity in a single structure
- Easy ordering just by specifying the identification number for the required functions and performance

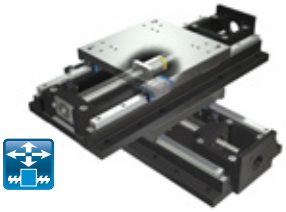
L

- Standard type highly-proven in various fields
- Parallel arrangement of Linear Ways with stable performance
- High running accuracy and positioning accuracy
- Many size variations support easy multi-axis system configurations
- Long term maintenance-free specification with C-Lube built in

LH/CTLH

- Rigorously selected component parts ensure high accuracy and reliability
- High rigidity and large carrying mass
- High running accuracy and positioning accuracy
- The series including ultra large size with table width of 420mm
- Long term maintenance-free specification with C-Lube built in

LH - Single axis specification



CTLH - Two axis specification

TS/CT

- Compact structure with low profile
- Crossed Roller Way guaranteeing high reliability and high accuracy positioning
- Compact design achieved by utlising wide area of slide table

TS - Single axis specification

CT- Two axis specification

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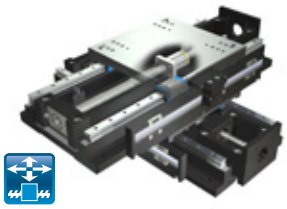
Super Precision Positioning Table

TX/CTX

- Achieved ultimate positioning performance with rolling guide type
- Fully-closed loop control equipped with super high accuracy linear encoder ensuring high accuracy
- Control method selectable according to needs
- Long term maintenance-free specification with C-Lube built in

TX - Single axis specification



CTX - Two axis specification

Cleanroom Precision Positioning Table

TC

- Optional for use in high cleanliness environment for semiconductor and LCD manufacturing machines
- Light weight, low profile and compact positioning table
- Compatible with cleanliness class 3
- Long term maintenance-free specification with C-Lube built in

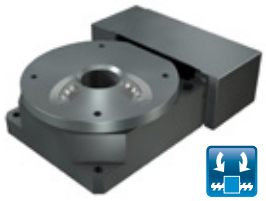
Micro Precision Positioning Table

TM

- Ground ball screw drive offers an ultra-small size with sectional height of 20mm and width of 17mm.
- High positioning accuracy and excellent durability
- Two types of slide table shapes selectable according to needs
- Super-miniature sensor can be built in

Alignment Table

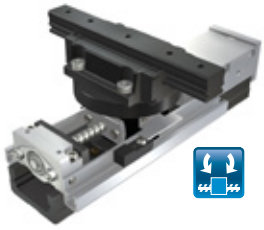
AT



- High accuracy positioning ensuring precise angle correction
- Crossed Roller Bearing ensures high rigidity and compactness
- High positioning repeatability
- A series of 3 sizes

Alignment Module

AM



- Supports free designing of stage according to your requirements
- Control tolerance of height within ±10μm
- Variety of positioning operations in combination of X, Y, and θ
- Ideal for large equipment
- High accuracy, high rigidity, and high reliability

Precision Elevating Table

TZ

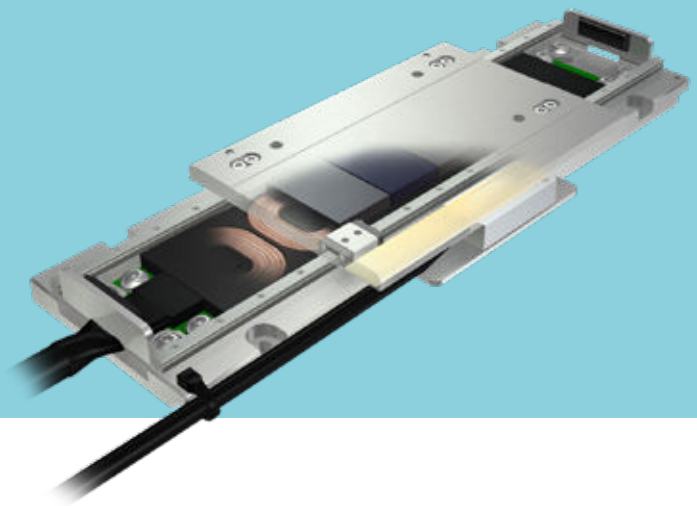
- Unique wedge mechanism ensures compact and high accuracy vertical positioning
- TZ...X achieving high accuracy and high rigidity through adoption of C-Lube Linear Roller Way Super MX
- Linear encoder mountable
- Long term maintenance-free with C-Lube built in
- A series of two types of reduction ratios

Precision Positioning Table

LB

- Timing belt drive achieves high speed travel at 1,500mm/s
- Parallel arrangement of Linear Way ensures stable and high performance operation
- Long stroke up to 1,200mm

Mechatronics Series
Linear motor drives



Nano Linear

NT-V

- Pursuing ultimate compactification
- Very low profile of NT38V: only 11mm
- A wide variety of selections support optimal choice according to your use
- High acceleration/deceleration ensuring highly responsive positioning
- Two-axis combination of X and Y

NT-H

- Pursuing ultimate compactification
- High attitude accuracy
- High speed stability
- Simple system configuration

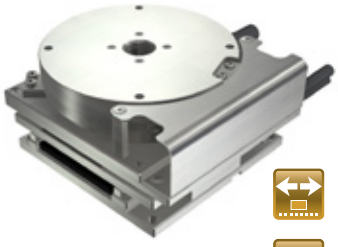
NT-XZ NT-XZH

- Pursuing ultimate compactification
- High-tact positioning
- Ultrathin and space saving
- Operation monitoring function

LINEAR ALIGNMENT

Alignment Stage

SA



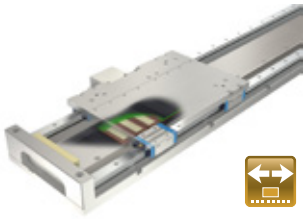
- Slim and compact design with sectional height of 3 axes, X, Y and being only 52mm (SA65DE)
- X- and Y-axis: 0.1µm, -axis: excellent resolution as high as 0.36 sec (SA120DE)
- Free and independent combination of X, Y and

Linear Motor Table

LT-CE

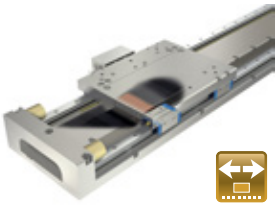
- Compact
- High static stability
- High speed stability
- High acceleration deceleration and high response
- Long term maintenance free specification with C-Lube built in

LT-LD



- Super long stroke
- High static stability
- High speed stability
- Both high speed and high res
- Long term maintenance free specification with C-Lube built in

LT-H



- High thrust
- High acceleration/ deceleration, high response and smooth operations
- High static stability
- Air-cooling capable
- Long term maintenance free specification with C-Lube built in

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TransDev®
THE POWER IN MOTION

Linear Accessories

TransDev offer a range of accessories for machine builders and users. From belts and chain to plastic machine guarding and wearstrips we can support your motion requirements.

Industry Leading Linear Belts

Open ended polyurethane timing belts are used extensively with linear drives, replacing more expensive mechanical alternatives. TransDev offer the market leading BRECO® Linear belts and as well as cutting to size, offer a multitude of backed and special belt options.

- Breco® M open length belts
- Brecoflex® 'no-join' belts
- BRECO*protect*® food grade belts
- BRECOFLEX*move*® high performance belts
- Backed belts

BRECO® TIMING BELTS BRECO-flex® TIMING BELTS

Linear Belt Accessories

A range of clamp plates, tension plates and pulleys are also available from TransDev.

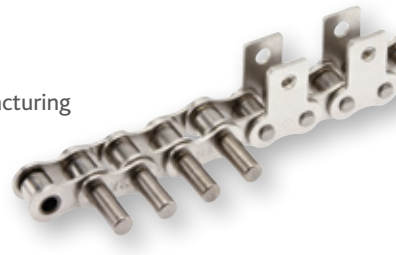
- Clamp & Tension Plates
- Standard and Custom Pulleys
- Various materials
- Drive design software available

Drive-flex

Chain, Gears and Racks

TransDev holds £¼ million of stock chain, sprockets, gears and pulleys available for immediate despatch. With onsite manufacturing capability we are well placed to support any standard or custom requirements.

- TransDev chain
- Attchment chain
- Chain products
- Sprocket and platewheel manufacturing
- Gear manufacturing
- Metric and Imperial racks



WIPPERMANN

Witra Proof of Quality TYCO Drive-flex

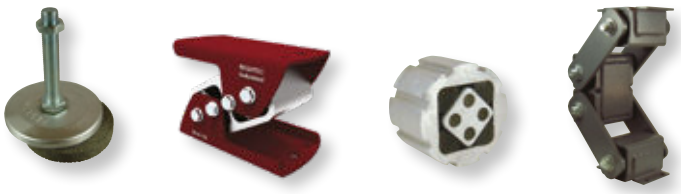
Machine Accessories

Our range of accessories provide a complete solution for machine building, maintenance and repair.

- Machine Guarding
- Wear Strips & Guides
- Machine Mountings

Trans-plas

RESATEC



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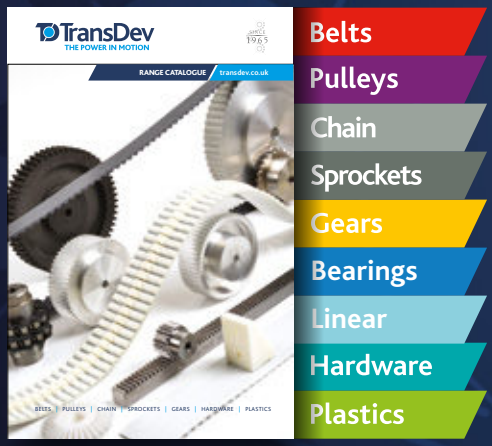
Power Transmission, Conveying and Motion Solutions since 1965

Founded over 50 years ago, TransDev are a major UK based, independent manufacturer and distributor of power transmission, conveying and motion products and solutions.

We stock major timing belt, conveyor belt and chain brands, as well as pulleys, chain, sprockets, gears, bearings, linear motion and hardware components. We have exclusive UK distributorships for a number of key industrial brands, including Continental, BRECO, Wippermann and IKO. With in-house manufacturing facilities and manufacturing partners we have large gear, pulley and sprocket stocks available for rapid rework, with made-to-order components a speciality. We are also a 'one stop shop' for Plastic materials, machining, routing and injection moulding.

We support a vast network of trade and distribution partners across the UK and beyond; backed up by expert engineers, internal sales and a field sales team. In addition we directly provide OEMs and clients across a range of industries and international markets with both products and expertise.



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