



CONTROL & MOTION
GENERAL DRIVER MOTOR

Giving Solutions!

Official Distributor

HIWIN®

Motion Control and System Technology



PRODUCT CATALOG 2023



Thinking in the future

With the commitment
to expand and improve
our services

A new activity is added to
GDM's portfolio



we introduce a new brand

> Official
distributor for
Spain and
Portugal of
HIWIN®.



Official distributor for Spain and Portugal

We are distributors of the Taiwanese multinational
company's products

HIWIN®
Motion Control and System Technology

We are expanding our offer

New products at
the highest level



Commitment to dedication and improvement

To be worthy of being
among the
distributors in Europe



A benchmark in industrial automation

High quality products
and services



Different devices in stock

Attention in the
shortest time and with
the highest quality



HIWIN®

Motion Control and System Technology

PRESENTATION

FROM GDM



CONTACT

SERVOS

SPINDLES

LINEAR
AUTOMATION

TORQUE
MOTOR

ROBOTS

ROTARY
TABLE

AD HOC
PROJECTS

LINEAR
MOVEMENT

BEARING

AC Servo Motor and Drive

Semiconductor / Packaging / SMT /
Food Industry / LCD

- > Drives-D1, D2T/D2T-LM, E1
- > Motors - 50W-2000W



SERVOS


HIWIN[®]

Spindle Motor IM-1 Series

The permanent magnet synchronous motor design meets the machining requirements of high torque, high speed, high precision and high cutting efficiency, which greatly reduces energy consumption.

- > Suitable for all kinds of motor built-in type of spindle axes.
- > Permanent magnet embedded rotor.
- > Balance level: G2.5
- > Max. efficiency: 96% and above.

SPINDLES



Linear Motor Stage

Automated transport / AOI
Application / Precision /
Semiconductor

- > With Iron Core.
- > Ironless Type.
- > Linear Turbo LMT.
- > Planar servomotor.
- > Air Bearing Platform.
- > X-Y Stage.
- > Gantry Systems.
- > Single Axis Linear Motor Stage.

LINEAR
AUTOMATION



Linear Motor

Machine tool / Touch panel industry /
Semiconductor industry / Laser
manufacturing machine / Glass cutting
machine.

- > Iron Core Linear Motor-LMSA,
LMSA-Z, LMFA, LMFC, LMFP series.
- > Ironless Linear Motor-LMC, LMT
series.



LINEAR
AUTOMATION

HIWIN[®]

Linear Actuator

Hospital bed / Automatic window /
Home care facility / Riveting / Press-
fitting / Surface checks / Bending

- > Servo actuator - LAA series
- > LAM series
- > LAS series
- > LAN series
- > LAC series



LINEAR
AUTOMATION

HIWIN[®]

Positioning Measurement System

Cutting machines / Traditional gantry
milling machines / Programmable
drilling machines

- > High Resolution.
- > Signal translator.
- > High-precision Enclosed.
- > High Efficiency Counter.



LINEAR
AUTOMATION



Single-Axis Robot

Precision / Semiconductor / Medical / FPD

- > KK, SK
- > KS, KA
- > KU, KE, KC

LINEAR
AUTOMATION



Torque Motor and Direct Driver Motor

Machine tools

- > Torque Motor—TM-2/IM-2, TMRW Series

Inspection / Testing Equipment / Robot

- > Direct Driver Motor—DMS, DMY, DMN, DMT Series



TORQUE
MOTOR



DATORKER® Strain Wave Gear

Robot / Automation Equipment /
Semiconductor Equipment / Machine
Tools

- > DSC Type
- > DSH Type
- > DRA Series

TORQUE
MOTOR



Multi-Axis Robot

Pick-and-Place / Assembly / Array and Packaging / Semiconductor / Electro-Optical Industry / Automotive Industry / Food Industry

- > Articulated Robot
- > SCARA Robot
- > Electric Gripper
- > Integrated Electric Gripper



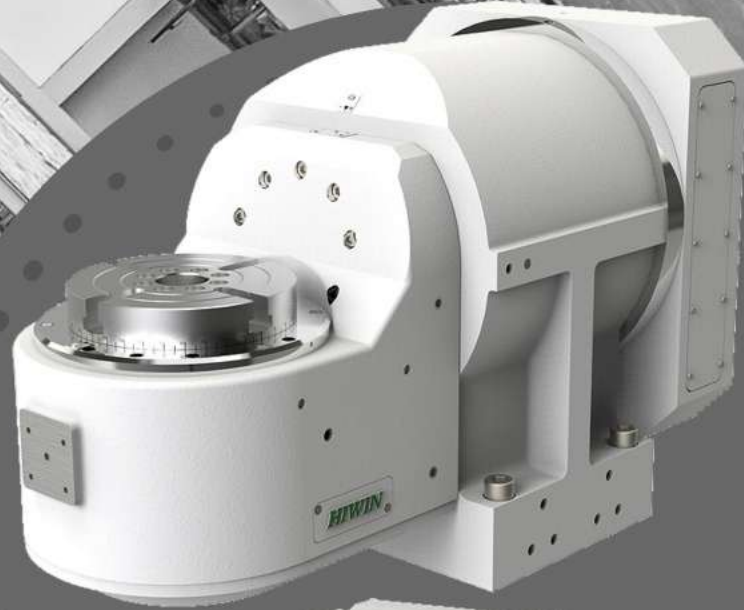
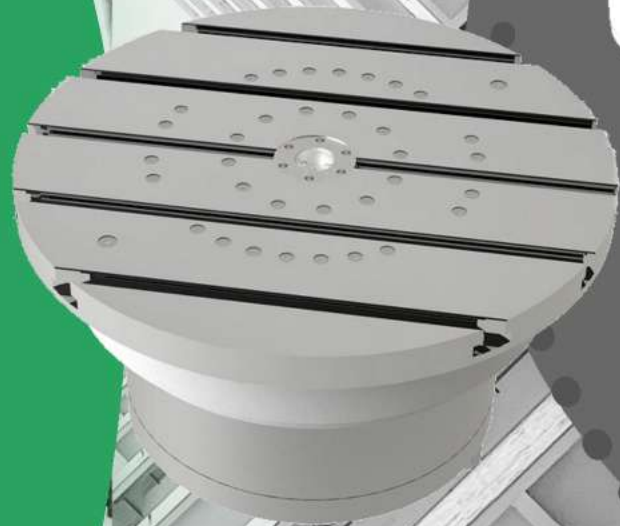
ROBOTS



Torque Motor Rotary Table

Medical / Automotive industry /
Machine tools / Machinery industry

- > RAB Series
- > RAS Series
- > RCV Series
- > RCH Series



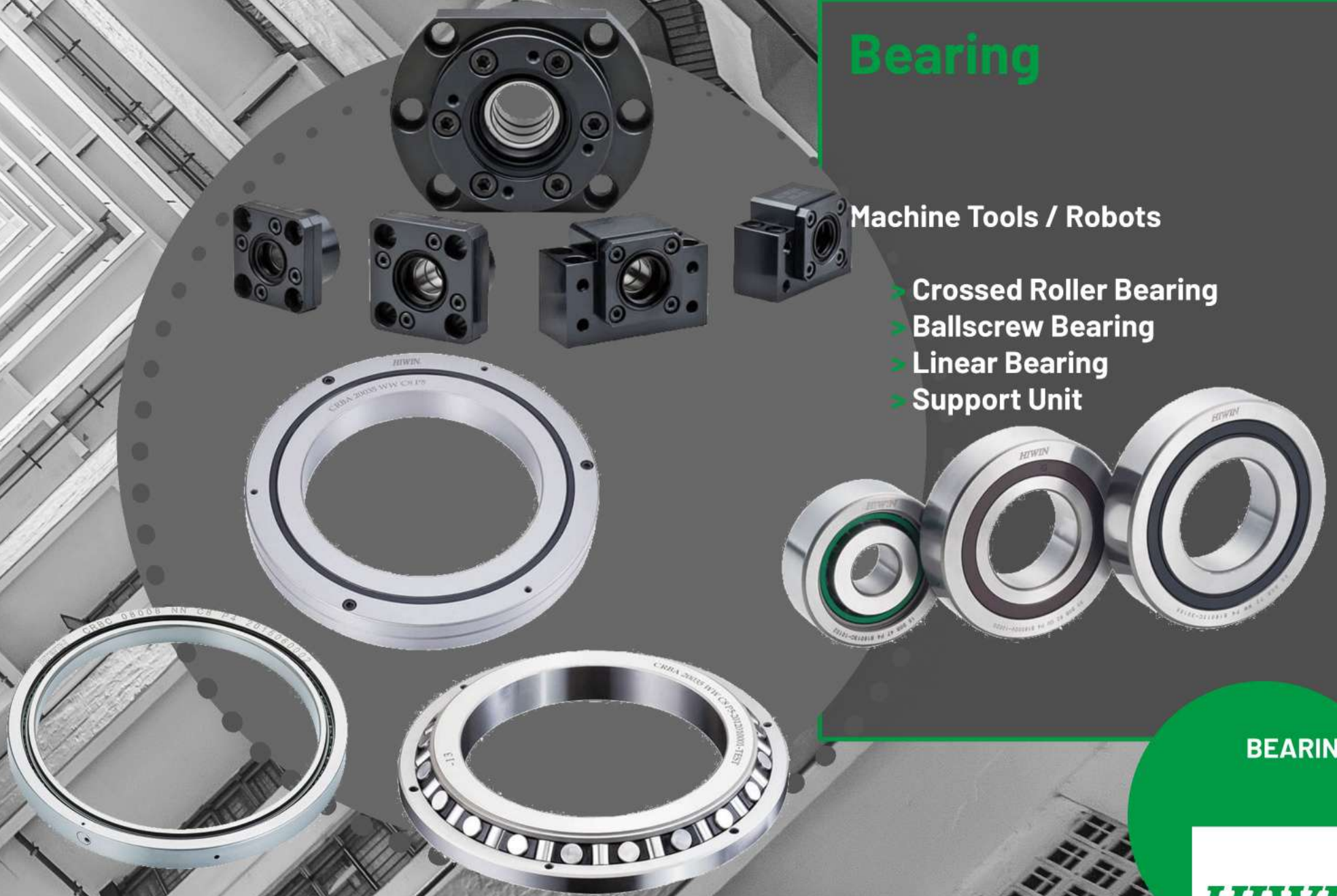
ROTARY
TABLE


HIWIN[®]

Bearing

Machine Tools / Robots

- > Crossed Roller Bearing
- > Ballscrew Bearing
- > Linear Bearing
- > Support Unit



BEARING



Linear Guideway

Automation / Semiconductor / Medical

- > Ball Type – HG, EG, WE, MG, CG
- > Quiet Type – QG, QE, QW, QR
- > Other – RG, E2, PG, SE, RC

LINEAR
MOVEMENT



i40BS[®]

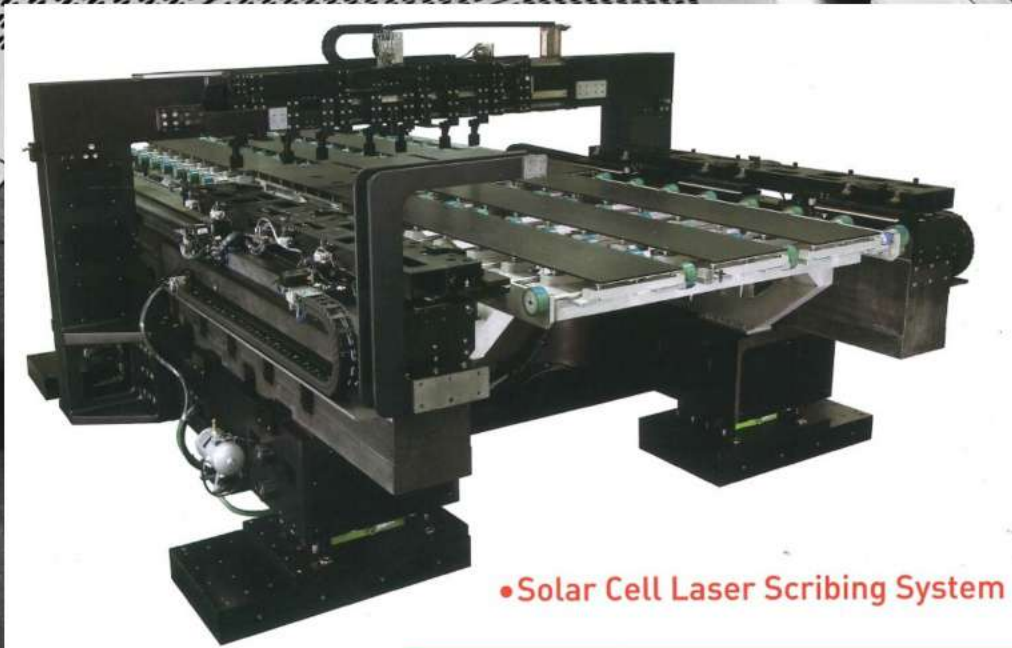
Ballscrew

Precision Ground / Rolled

- > Super S Series
- > Super T Series
- > Mini Roller
- > Ecological and Economical Lubrication Module E2
- > Rotating Nut (R1)
- > Energy-Saving and Thermal-Controlling (Cool Type)
- > Heavy Load Series (RD)
- > Ball Spline

LINEAR
MOVEMENT





• Solar Cell Laser Scribing System

Ad hoc Projects

GDM-HIWIN master the ability of the mechatronic system integration. Provides pre-sale service to help customers for evaluation, product selection, structure testing then to the application technology exchange after sale.

GDM-HIWIN also provides total solution, uphold the spirit of manufacturing service, committed to improvement of the competitiveness of customers' machine, creating innovative value services for valued customers.

**THE BEST PARTNER
OF UPGRADATION
AND TRANSFORMATION**

INTEGRATION SOLUTION ROTARY TABLE



AD HOC
PROJECTS



HIWIN[®]



CONTROL & MOTION

GENERAL DRIVER MOTOR

Giving Solutions!

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