ROBOTICS & PRODUCTION AUTOMATION

Equipment for your next production process.

Servo take-out robots, articulated robots and supporting equipment. Compare the product families, then review the model-specific data on the following pages.



Three-axis servo robots

Machine tonnage: 50-420 T

02



Five-axis servo robots

Machine tonnage: 80-530 T

03



Heavy-duty traversing robots

Machine tonnage: 1,000-2,800 T

04



Conveying systems & conveyor belts

Available length: 1.5-5 m

05



Assembly & workstations

Equipment: Workstations

06



Six-axis industrial robots

Payload: 10-50 kg

07

Images are product illustrations. Catalog values are references for selection; final specifications depend on the agreed model and configuration.

PRECISION TAKE-OUT

Three-axis servo robots

Purpose-built servo robots for removing molded parts and bringing repeatable handling to your injection molding cell.



PRODUCT ILLUSTRATION

Injection molding machine range

50-420 T

Payload

4-8 kg

Vertical stroke

800-1,200 mm

Model & configuration

Model	Machine (T)	Vertical (mm)	Extract (mm)	Horizontal (mm)	Load (kg)	Take-out (s)
S3-B800IS	50-250	800	760	1,320	4	0.8
S3-B800WS	50-250	800	760	1,320	4	0.8
S3-B1000WS	150-320	1,000	940	1,500	6	1.2
S3-B1200WS	300-420	1,200	1,120	1,680	8	1.2

Machine tonnage refers to the compatible injection molding machine, not the robot payload. Include the part and complete end tooling in the load calculation.

Application fit

Injection molding / Molded-part take-out / Downstream part handling

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

COORDINATED MOTION

Five-axis servo robots

Five-axis servo handling for injection molding applications that call for more control over the part take-out process.



PRODUCT ILLUSTRATION

Injection molding machine range

80-530 T

Controlled axes

5 axes

Vertical stroke

700-1,300 mm

Model & configuration

Model	Machine (T)	Vertical (mm)	Extract (mm)	Horizontal (mm)	High load (kg)	Med. load (kg)
SCB-700WD-S5	80-200	700	480	1,120	5	9
SCB-900WD-S5	80-250	900	480	1,300	5	9
SCB-1100WD-S5	120-380	1,100	660	1,520	5	8
SCB-1300WD-S5	200-530	1,300	840	1,880	5	8

Maximum load includes the fixture. High and medium refer to the operating speed. See the online product specifications for cycle times, pressure and utilities.

Application fit

Injection molding / Coordinated take-out / Automated molding cells

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

ENGINEERED FOR SCALE

Heavy-duty traversing robots

A heavy-duty handling platform for large injection molding machines. Discuss the working envelope, part weight and tooling with our team.



PRODUCT ILLUSTRATION

Injection molding machine range

1,000-2,800 T

Platform

Traversing

Project fit

Configured to suit

Model & configuration

Model	Machine (T)	Vertical (mm)	Extract (mm)	Horizontal (mm)	Load (kg)	Take-out (s)
NT-1800WS	1,000-1,600	1,800	1,550	2,800	40	3.5
NT-2200WS	1,600-2,000	2,200	1,550	3,120	55	4.5
NT-2500WS	2,000-2,800	2,500	1,850	3,600	60	4.5

The listed models cover 1,000-2,800 T. The reference catalog gives a series range of 1,000-3,500 T. Confirm the configuration above 2,800 T.

Application fit

Large injection molding / Heavy-part handling / Integrated production cells

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

KEEP PRODUCTION MOVING

Conveying systems & conveyor belts

Conveying equipment to connect handling operations with the next production stage, with dimensions selected around your layout and product flow.



PRODUCT ILLUSTRATION

Available length

1.5-5 m

Belt width

300-800 mm

Layout

Application-led

Model & configuration

Selection item	Catalog reference / information to confirm
Conveyor length	1.5-5 m, depending on design
Belt width	300-800 mm, depending on design
Height, load and speed	Configuration-specific; confirm during selection
Line interface	Confirm upstream and downstream equipment during project review

Length and width are catalog ranges, not a complete configuration. Confirm height, load, speed, belt requirements and upstream/downstream interfaces.

Application fit

Part transfer / Molding cell outfeed / Production line connection

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

BUILT AROUND THE PROCESS

Assembly & workstations

Workstations and assembly automation considered as part of the complete production flow, from the operator position to equipment interfaces.



PRODUCT ILLUSTRATION

Equipment

Workstations

Integration

Assembly flow

Configuration

Project-specific

Model & configuration

Selection item	Catalog reference / information to confirm
Workstation dimensions	Configuration-specific; confirm during selection
Assembly requirements	Share your process, components and production objectives
Equipment interfaces	Review as part of the proposed line layout

The brochure describes antistatic work surfaces. Confirm grounding, workstation dimensions, tools, utilities and the complete configuration.

Application fit

Assembly workstations / Production support / Integrated assembly lines

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

FLEXIBILITY IN EVERY AXIS

Six-axis industrial robots

Articulated industrial robots with a choice of payload and reach, ready to be evaluated around your handling and automation requirements.



PRODUCT ILLUSTRATION

Payload

10-50 kg

Reach

1,580-2,400 mm

Controlled axes

6 axes

Model & configuration

Model	Payload	Reach	Repeatability
KS-610	10 kg	1,580 mm	±0.05 mm
KS-620	20 kg	1,850 mm	±0.05 mm
KS-630	30 kg	2,100 mm	±0.08 mm
KS-650	50 kg	2,400 mm	±0.10 mm

Payload includes the handled workpiece and complete end tooling. Confirm usable workspace, installation, motion sequence and required interfaces for the application.

Application fit

Part handling / Production automation / Application-specific robot integration

Before requesting a configuration

Share the workpiece and tooling weight, machine model, available space, target cycle and equipment interfaces. Final selection and delivery scope require project-specific confirmation.

PLAN YOUR AUTOMATION

A clearer brief.
A more useful quotation.

Use this checklist to prepare the first technical discussion. Confirm each deliverable and responsibility in the agreed project scope.

01 **Workpiece & tooling**

Part dimensions, material, weight, gripping surfaces and the estimated weight of the complete end tooling.

02 **Machine & installation**

Existing machine model, mold opening, mounting location, available height, floor plan and access clearances.

03 **Cycle & interfaces**

Pick-and-place positions, target sequence, required cycle, interlocks, signals and any inspection requirements.

04 **Acceptance & documentation**

Test parts, acceptance conditions, requested English documents, operating guidance and training topics.

05 **Delivery & support**

Destination, packaging and shipment scope, installation responsibilities, remote support and spare-parts requirements. Terms are confirmed per project.

Explore products & prepare your inquiry online