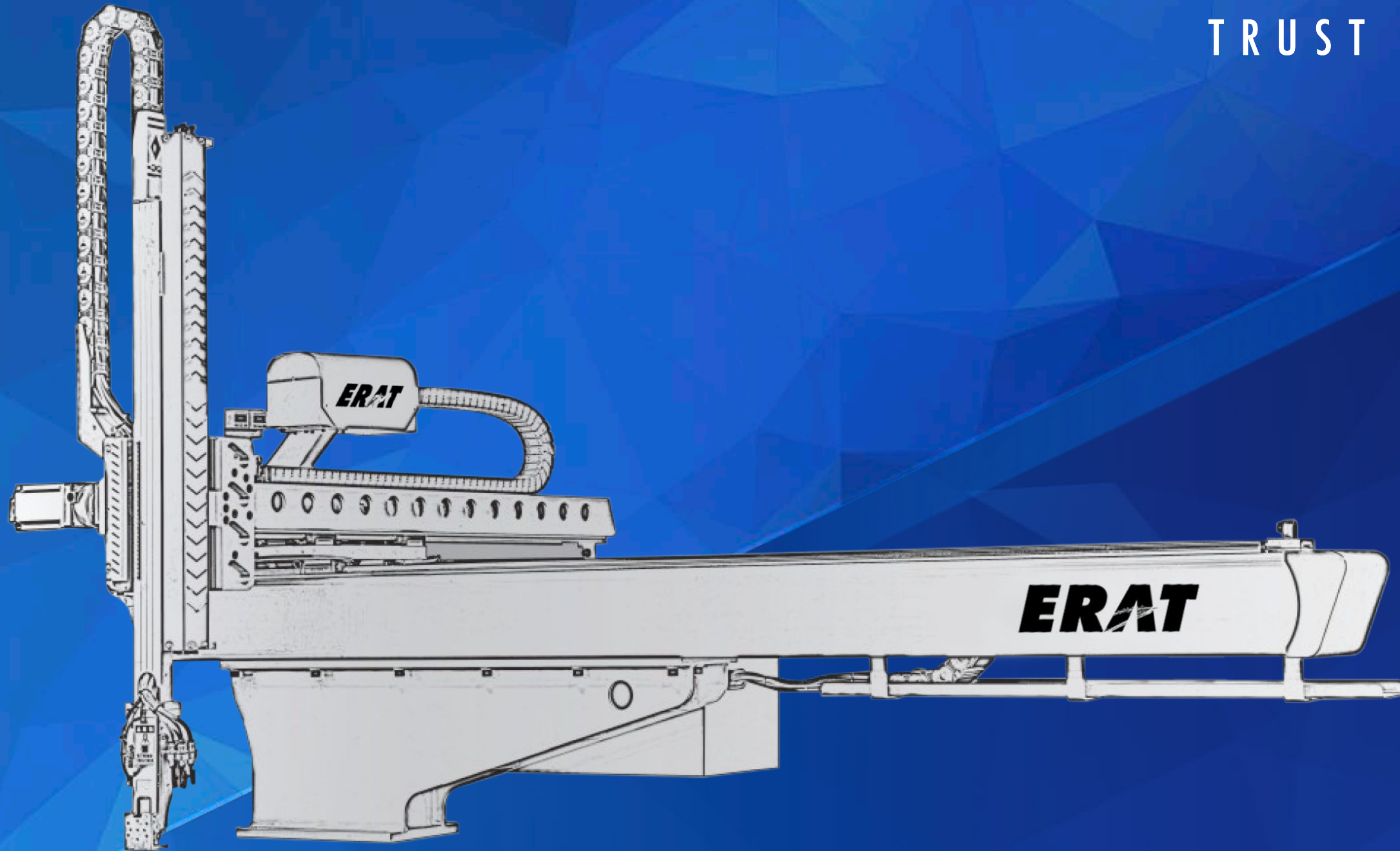


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AUTOMATIZACIÓN ERAT

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Acerca de ERAT

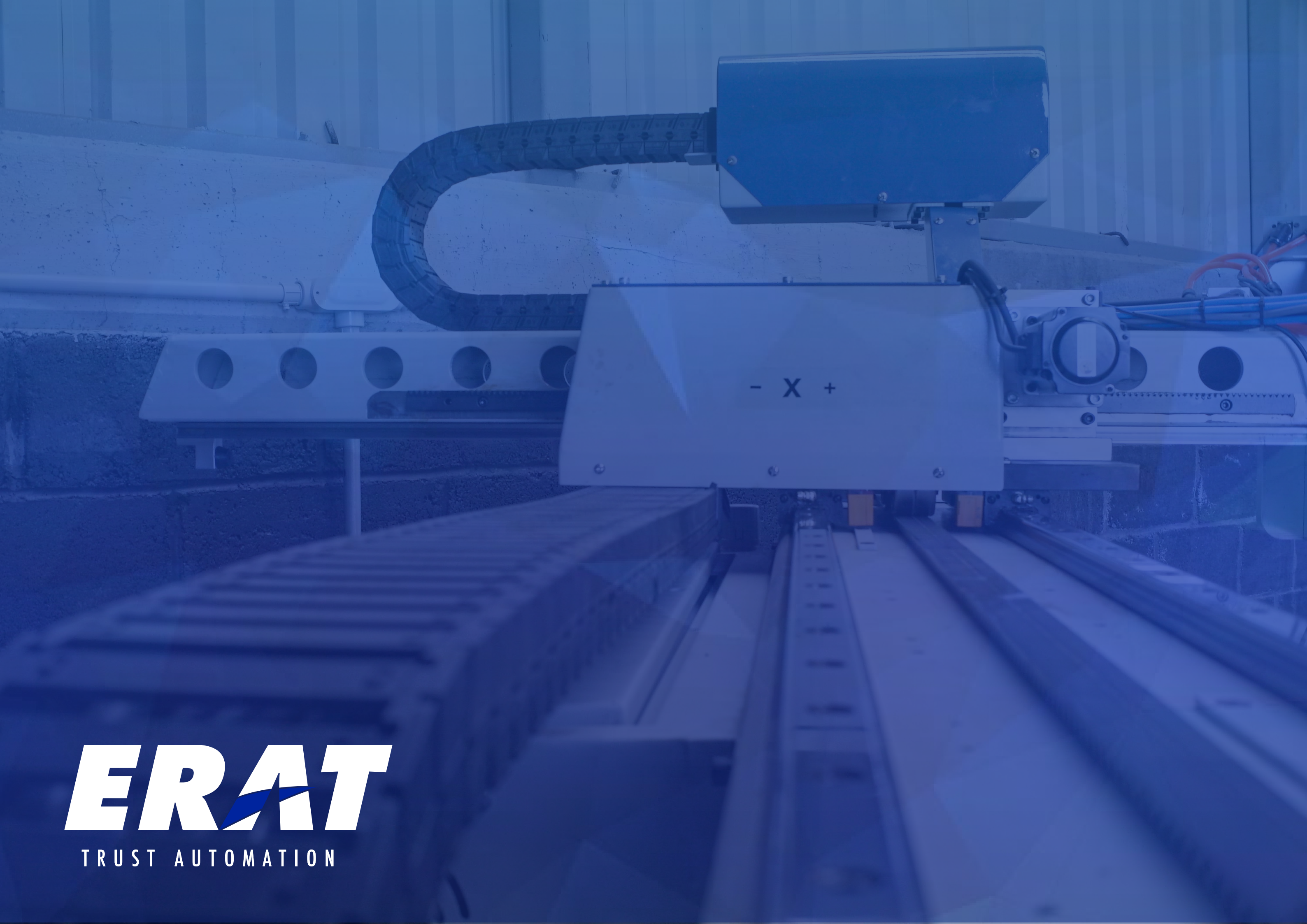
Somos una empresa 100% Mexicana en expansión comprometidos con la calidad y el servicio.

La filosofía de ERAT esta basada en la actitud de servicio hacia nuestros clientes, durante 22 años hemos podido generar una excelente reputación de responsabilidad y compromiso.

Nuestros clientes aprecian nuestro esfuerzo por hacer nuestros sus retos y compromisos. Tenemos la satisfacción de hacer que nuestros clientes destaquen y sean reconocidos por el éxito en sus proyectos.

Nuestra mejor carta de presentación son los testimonios de nuestros clientes a quienes quienes dedicamos toda nuestra atención.



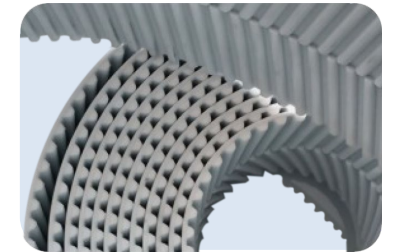


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VMH Herion Gear Rack



Elatech Belt



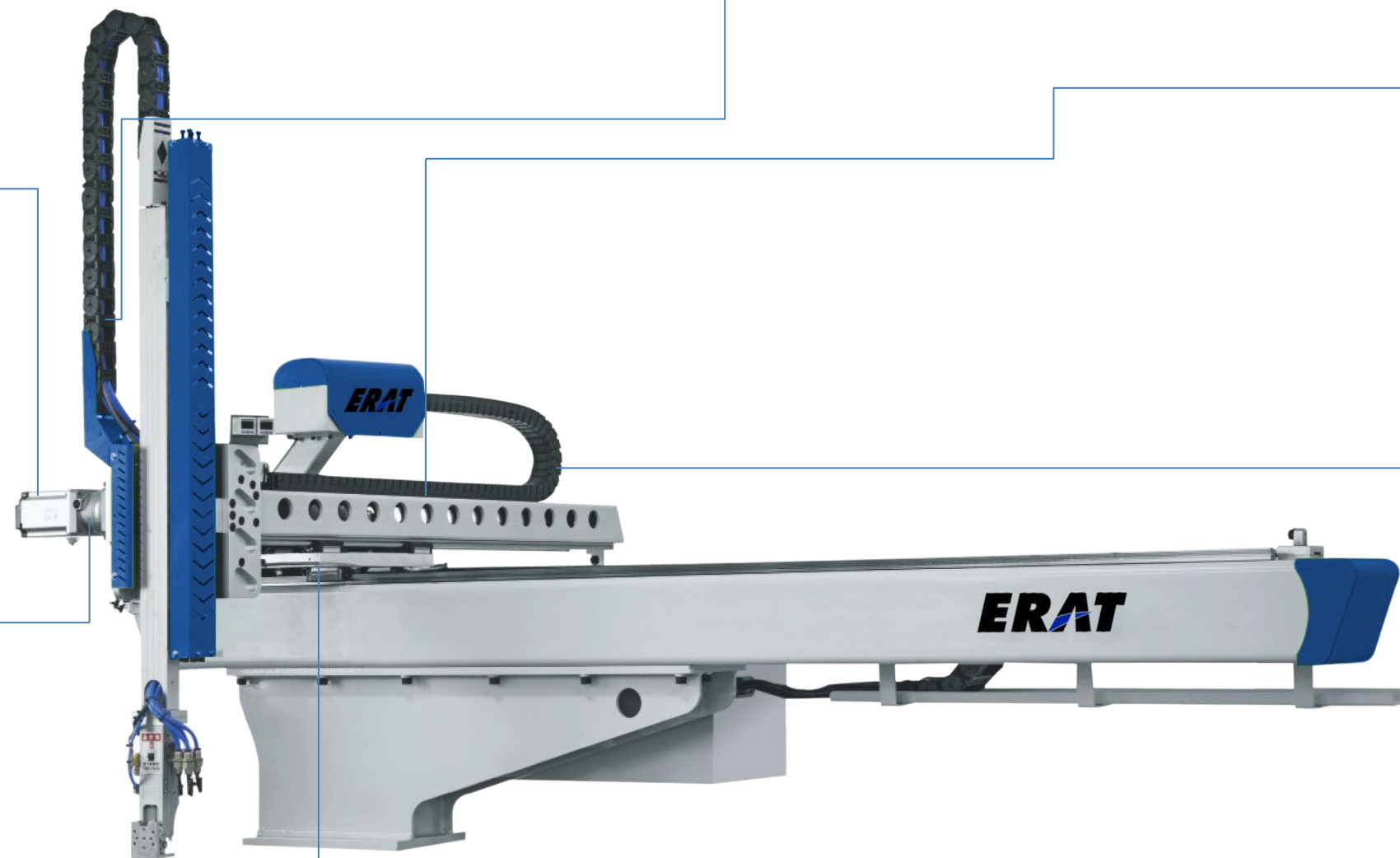
Panasonic Motor



Shimpo Reducer



Igus Chain



THK Linear Guide

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TOP ENTRY IN MOLD LABELING

In mold labeling (IML) is a new type of label packaging which is different from traditional silk screen printing, heat shrink label and self-adhesive label. It has been popular in Europe and USA for many years. After years of watching, China has also begun large scale applications





SIDE ENTRY IN MOLD LABELING

IML is mainly used for blow molding and injection molding with PP, PE, PET materials.

The advantages:

- 1- Nice Looking
- 2- Anti-counterfeiting function
- 3- Labels are not easy to fall off and damage
- 4- High efficiency and high profit
- 5- Clean and environment friendly

Suitable for multi cavities round and square products





TOUCH SCREEN CONTROLLER

HIGH SPEED ROBOT (OPEN TYPE)

Three axis high speed AC servo traverse robot is applicable to horizontal injection molding machine range from 100T to 500T for product take out. Vertical arm is telescopic type, traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor. It is mainly used for food container, cutlery and some other thin Wall products with cycle time 3s-6s. Robot dry cycle time is 2.8s and fetch time is 0.6s. Use high precision linear guide, robot runs very smoothly.

FEATURE

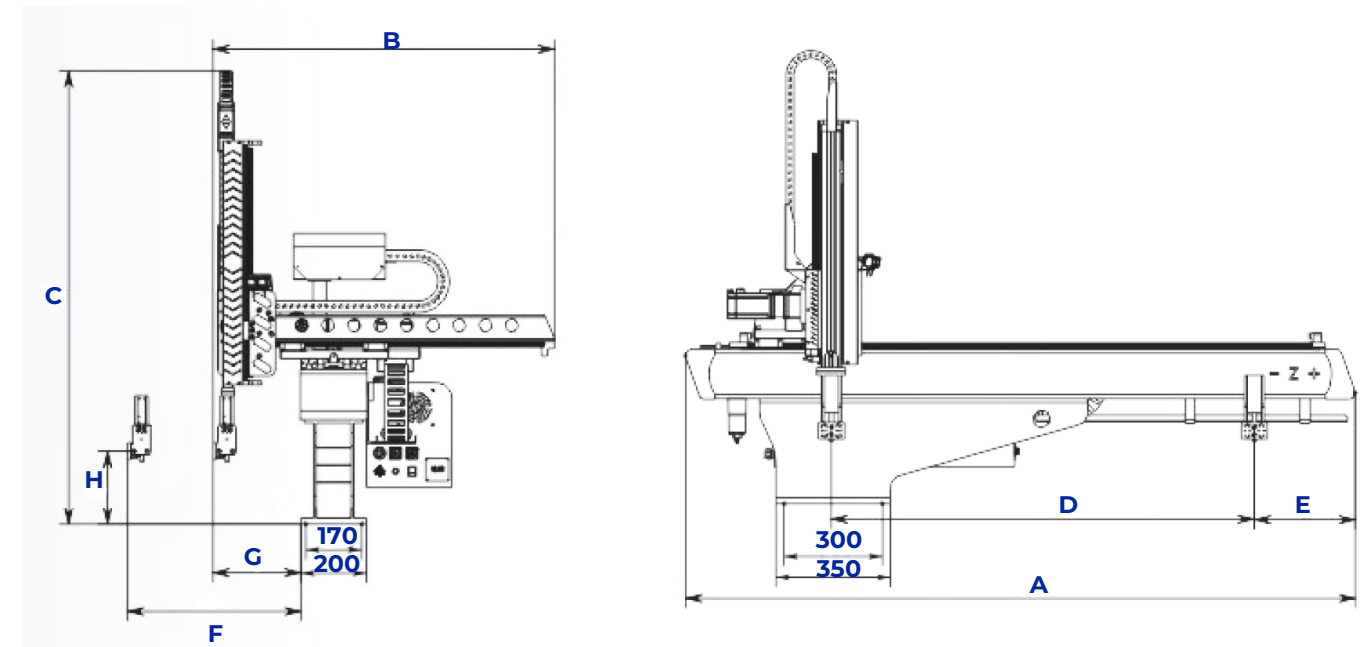
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVEN
- G** HIGH SPEED ROBOT

DIMENSIONS



Model	A	B	C	D	E	F	G	H
ERTG850WSS3	2040	1140	1380	1350	240	500	270	220
ERTG850WSS3	2040	1140	1440	1350	240	500	270	220
ERTG1100WSS3	2040	1260	1500	1550	240	620	270	220
ERTG1300WSS3	2040	1380	1560	1850	240	740	270	220

PARAMETERS

Model		ERTG850WSS3	ERTG950WSS3	ERTG1100WSS3	ERTG1300WSS3
Applied IMM	Ton	160-260	260-300	300-400	350-450
Traverse Stroke	mm	1350	1350	1550	1850
Crosswise Stroke	mm	460	520	640	760
Vertical Stroke	mm	850	950	1100	1300
Max Load	kg	5	5	5	7
Fetch Time	sec	0.62	0.62	0.72	0.82
Cycle Time	sec	3.2	3.4	3.8	4.2
Robot Weight	kg	170	180	250	300



TOUCH SCREEN CONTROLLER

FULL SERVO ROBOT (SINGLE STAGE)

Three axis high speed AC servo traverse robot is applicable to horizontal injection molding machine range from 80T to 300T for product and sprue take out. Vertical arm is single stage, one arm and two arms for your choice. Traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor.

Full servo robot advantages: high precision, easy operating, smooth running and faster speed. It is mainly used for insert and some other high precision products.

FEATURE

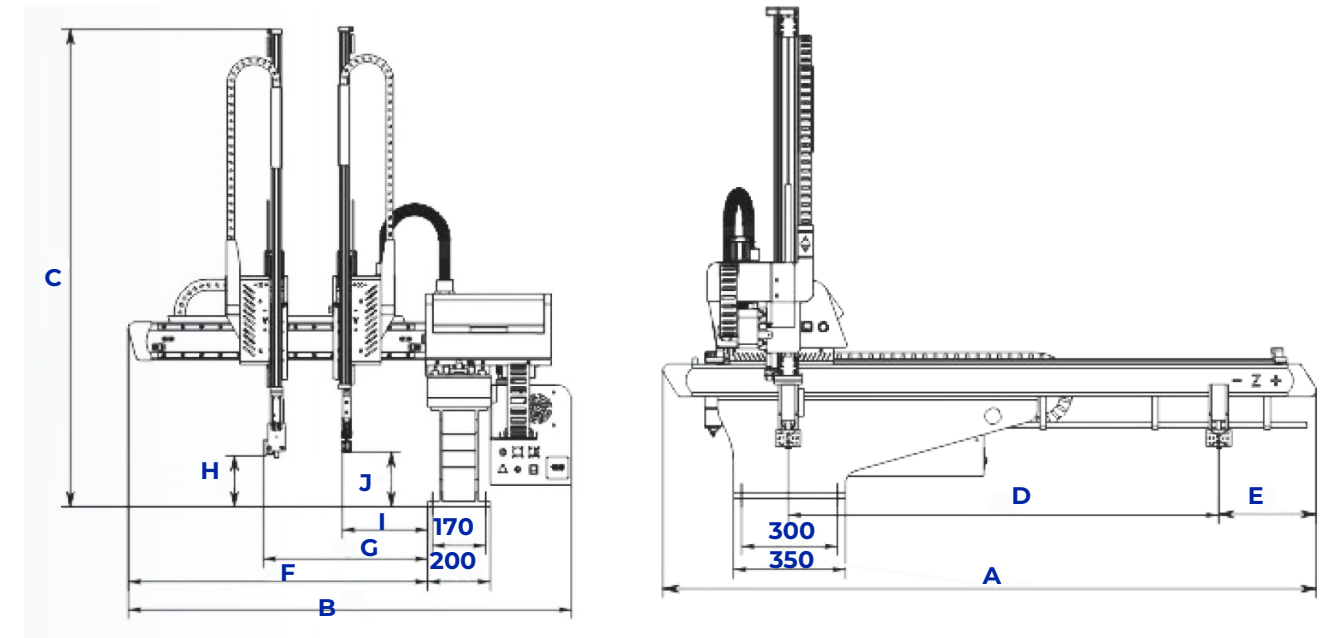
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- 80** 80 GROUPS OF USER TEACHING PROGRAM

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REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVE

DIMENSIONS



Model	A	B	C	D	E	F	G	H	I	J
ERTR700ISS3/IDSS	1800	1240	1410	1150	280	780	300	190	175	210
ERTR800ISS3/IDSS	2040	1420	1530	1350	280	960	300	190	175	210
ERTR900ISS3/IDSS	2220	1420	1650	1500	280	960	300	190	175	210

PARAMETERS

Model		ERTR700ISS3/IDSS	ERTR800ISS3/IDSS	ERTR900ISS3/IDSS
Applied IMM	Ton	80-160	160-260	260-320
Traverse Stroke	mm	1150	1350	1500
Crosswise Stroke	mm	350-150	350-150	400-200
Vertical Stroke	mm	700	800	900
Max Load	kg	5	5	5
Fetch Time	sec	1.2	1.3	1.6
Cycle Time	sec	7.5	8	8.5
Robot Weight	kg	150	180	190



TOUCH SCREEN CONTROLLER

FULL SERVO ROBOT (TELESCOPIC STAGE)

Three axis/Five Axis AC servo traverse robot is applicable to horizontal injection molding machine range from 100T to 420T for product and sprue take out. Vertical arm is telescopic type, one arm and two arms for your choice. Traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor.

Full servo robot advantages: high precision, easy operating, smooth running and faster speed. It is mainly used for insert and some other high precision products.

FEATURE

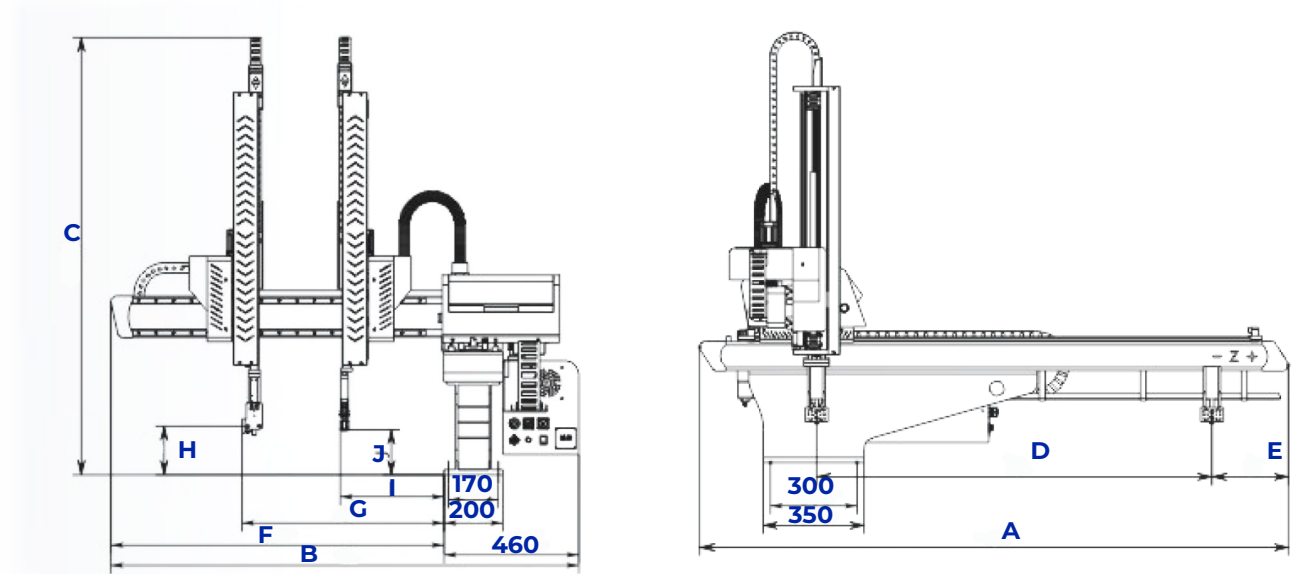
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVE

DIMENSIONS



Model	A	B	C	D	E	F	G	H	I	J
ERTR750WSS3/WDS5	1800	1240	1320	1150	280	780	350	160	220	180
ERTR850WSS3/WDS5	2040	1420	1380	1350	280	960	350	160	220	180
ERTR950WSS3/WDS5	2220	1420	1440	1500	280	960	350	160	220	180
ERTR1100WSS3/WDS5	2400	1600	1500	1680	280	1140	350	160	220	180
ERTR1300WSS3/WDS5	2520	1720	1620	1800	280	1260	350	160	220	180

PARAMETERS

Model		ERTR750WSS3/WDS5	ERTR850WSS3/WDS5	ERTR950WSS3/WDS5	ERTR1100WSS3/WDS5	ERTR1300WSS3/WDS5
Applied IMM	Ton	80-160	160-260	260-320	320-420	400-500
Traverse Stroke	mm	1150	1350	1500	1680	1800
Crosswise Stroke	mm	350-150	350-150	400-200	450-200	450-200
Vertical Stroke	mm	750	850	950	1100	1300
Max Load	kg	6	6	6	8	8
Fetch Time	sec	1.2	1.5	1.8	2	2.5
Cycle Time	sec	5	5	6	8	8
Robot Weight	kg	170	180	200	255	280



TOUCH SCREEN CONTROLLER

SMALL SIZE OPEN TYPE ROBOT

Three axis servo traverse robot is applicable to horizontal injection molding machine range from 120T to 420T for product take out. Vertical arm is telescopic type. traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor.

Full servo robot advantages: high precision, easy operating, smooth running, faster speed, stronger structures and longer working life. It is mainly used for long size product, like PET preform, etc.

FEATURE

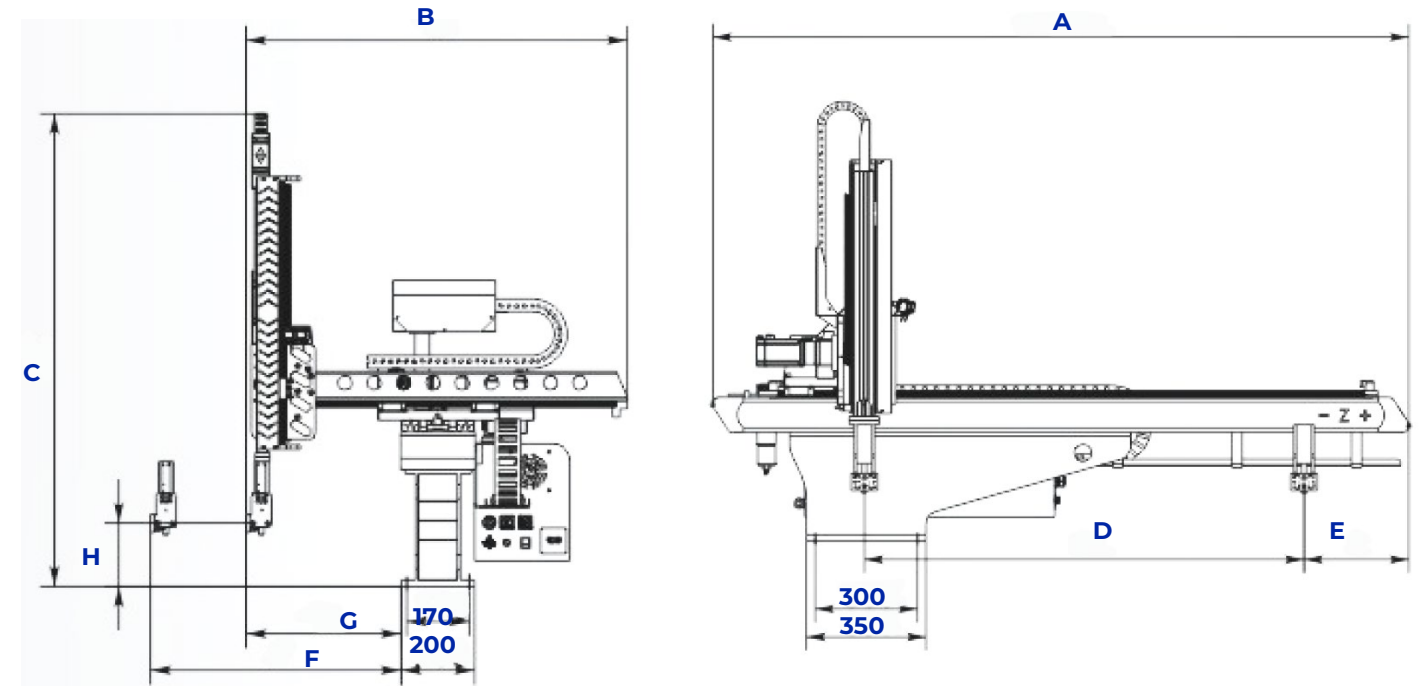
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVEN
- N** OPEN TYPE

DIMENSIONS



Model	A	B	C	D	E	F	G	H
ERTN850WSS3	2040	1140	1330	1350	240	500	270	170
ERTN950WSS3	2040	1140	1390	1350	240	500	270	170
ERTN1100WSS3	2220	1260	1450	1550	240	620	270	170
ERTN1300WSS3	2520	1380	1510	1850	240	740	270	170

PARAMETERS

Model		ERTN850WSS3	ERTN950WSS3	ERTN1100WSS3	ERTN1300WSS3
Applied IMM	Ton	160-260	260-320	320-420	400-500
Traverse Stroke	mm	1350	1350	1550	1850
Crosswise Stroke	mm	460	520	640	760
Vertical Stroke	mm	850	950	1100	1300
Max Load	kg	5	5	5	7
Fetch Time	sec	1.2	1.5	2	2.2
Cycle Time	sec	7	8	9	10
Robot Weight	kg	160	170	230	280



TOUCH SCREEN CONTROLLER

MEDIUM SIZE OPEN TYPE ROBOT

Three axis AC servo traverse robot is applicable to horizontal injection molding machine range from 420T to 1000T for product take out. Vertical arm is telescopic type. traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor, AC axis of BC axis for your choice.

Full servo robot advantages: high precision, easy operating, smooth running, faster speed, stronger structures and longer working life. It is mainly used for medium size product, like air conditioner parts, auto parts, etc.

FEATURE

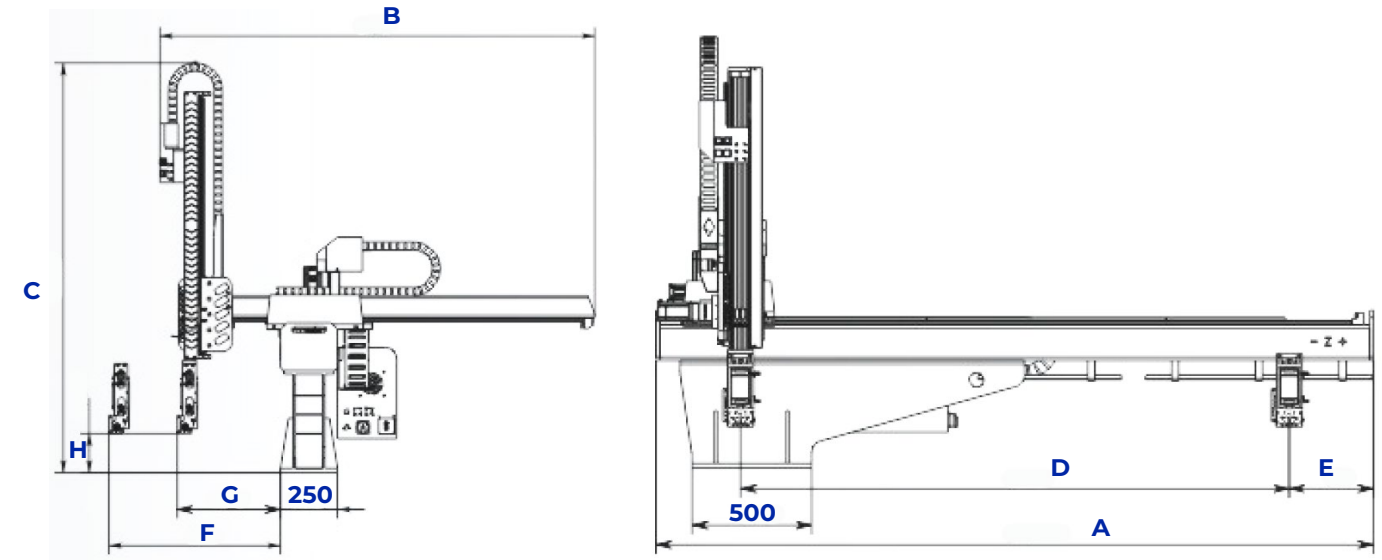
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVEN
- N** OPEN TYPE

DIMENSIONS



Model	A	B	C	D	E	F	G	H
ERTN1500WSS3	3000	1850	1800	2400	2400	240	310	190
ERTN1700WSS3	3240	1970	1920	2640	2640	240	310	190
ERTN1900WSS3	3480	2090	2140	2140	2880	240	310	190

PARAMETERS

Model		ERTN1500WSS3	ERTN1700WSS3	ERTN1900WSS3
Applied IMM	Ton	600-800	800-1000	1000-1300
Traverse Stroke	mm	2400	2640	2880
Crosswise Stroke	mm	850	950	1100
Vertical Stroke	mm	1500	1700	1900
Max Load	kg	25	25	30
Fetch Time	sec	4	5	6
Cycle Time	sec	12	14	16
Robot Weight	kg	550	600	700



TOUCH SCREEN CONTROLLER

LARGE SIZE OPEN TYPE ROBOT

Three axis AC servo traverse robot is applicable to horizontal injection molding machine range from 1000T to 3000T for product take out. Vertical arm is telescopic type. traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor, AC axis of BC axis for your choice.

Full servo robot advantages: high precision, easy operating, smooth running, faster speed, stronger structures and longer working life. It is mainly used for large size product, like auto bumper, pallet, etc.

FEATURE

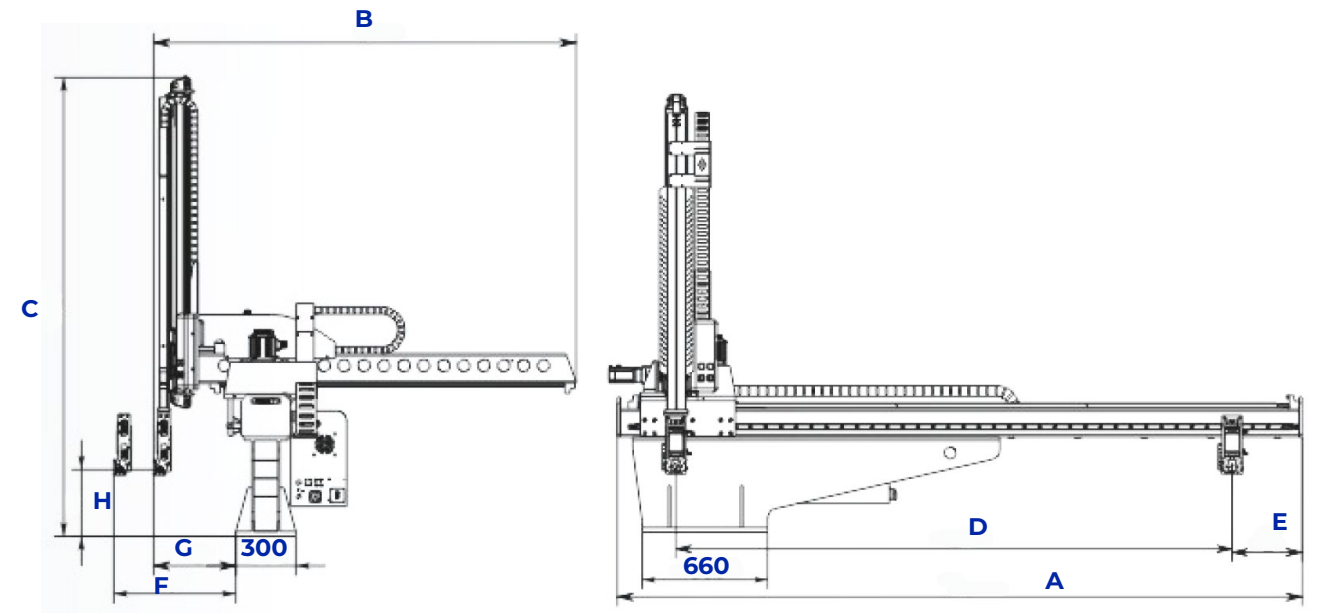
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVEN
- N** OPEN TYPE

DIMENSIONS



Model	A	B	C	D	E	F	G	H
ERTN2100WSS3	3600	2120	2300	3000	400	1650	420	300
ERTN2400WSS3	3900	2300	2420	3300	400	1830	420	300
ERTN2600WSS3	4200	2480	2540	3400	400	2010	420	300
ERTN2800WSS3	4200	2480	2660	3600	400	2010	420	300
ERTN3000WSS3	4500	2660	2780	3900	400	2190	420	300

PARAMETERS

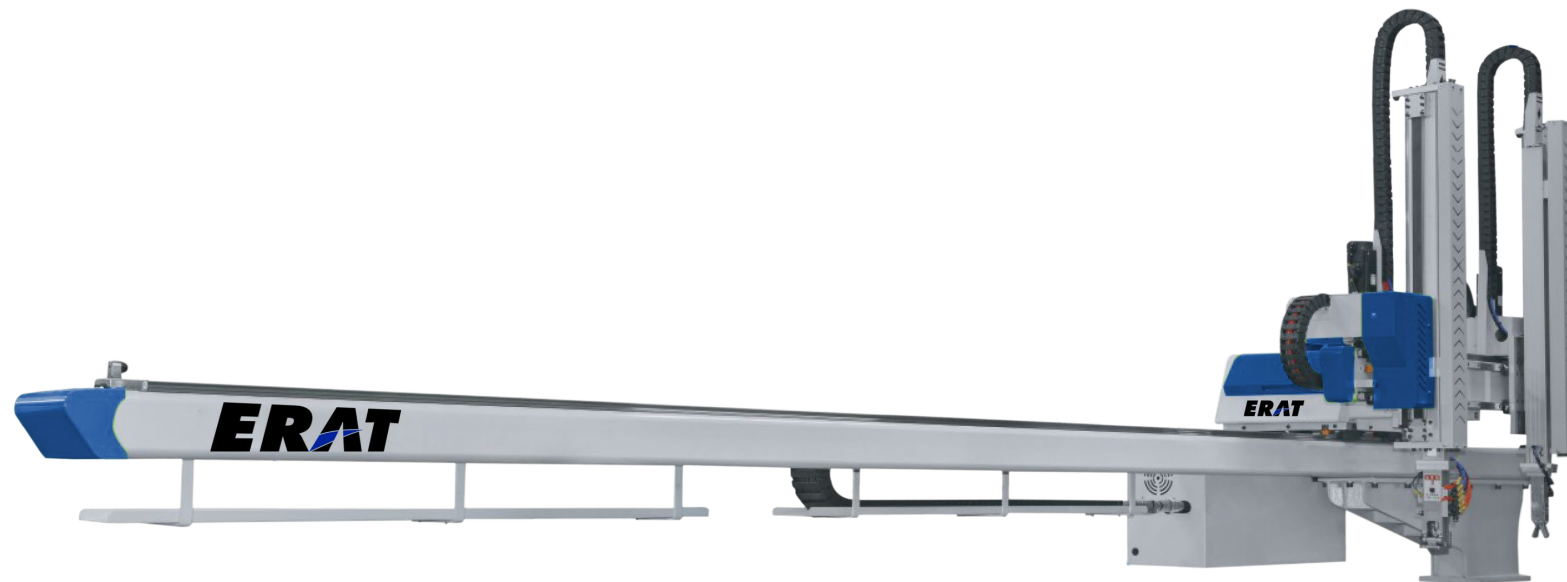
Model		ERTN2100WSS3	ERTN2400WSS3	ERTN2600WSS3	ERTN2800WSS3	ERTN3000WSS3
Applied IMM	Ton	1300-1600	1600-2000	2000-2400	2400-2800	2899-3200
Traverse Stroke	mm	3000	3300	3400	3600	3900
Crosswise Stroke	mm	1300	1600	1900	2000	2200
Vertical Stroke	mm	2100	2400	2600	2800	3000
Max Load	kg	30	35	40	50	60
Fetch Time	sec	7	8	8.5	9.5	10
Cycle Time	sec	18	20	22	25	30
Robot Weight	kg	800	1000	1250	1350	1500



KEY PRESS CONTROLLER



TOUCH SCREEN CONTROLLER



TRAVERSE BEAM TYPE ROBOT

Five axis AC servo traverse beam robot is applicable to horizontal injection molding machine range from 100T to 450T for product and sprue take out. Vertical arm is telescopic type. traverse axis (Z) crosswise axis (X) and vertical axis (Y) driven by AC servo motor.

Traverse beam robot advantages: saves 20%-30% Factory space, reduce workers, promote workshop management. It is mainly used for 3C product, home appliances product, etc.

FEATURE

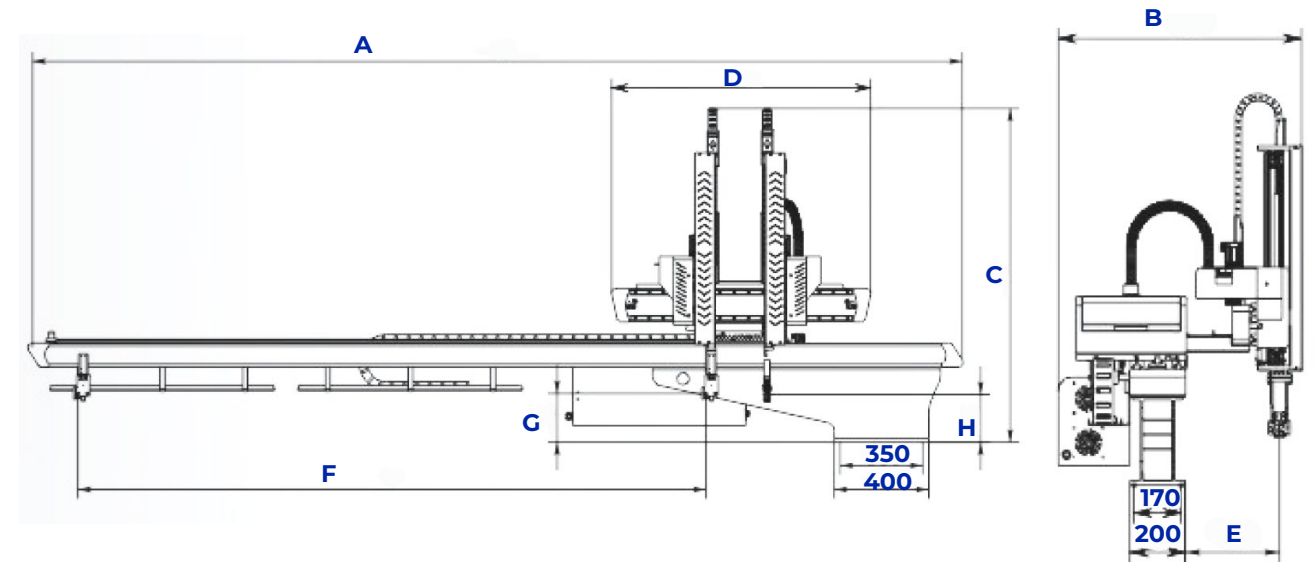
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S3** THREE AXIS SERVO DRIVEN
- S5** FIVE AXIS SERVO DRIVEN

DIMENSIONS



Model	A	B	C	D	E	F	G	H
ERTZ850WDS5	3500-6000	-	1360	990	-	-	200	220
ERTZ950WDS5	3500-6000	-	1420	1050	-	-	200	220
ERTZ1100WDS5	3500-6000	-	1480	1050	-	-	200	220
ERTZ1300WDS5	3500-6000	-	1600	1110	-	-	200	220

PARAMETERS

Model		ERTZ850WDS5	ERTZ950WDS5	ERTZ1100WDS5	ERTZ1300WDS5
Applied IMM	Ton	160-260	260-320	320-420	400-500
Traverse Stroke	mm	3000-4200	3200-4500	3500-5000	4500-5000
Crosswise Stroke	mm	350-150	400-200	450-200	450-200
Vertical Stroke	mm	850	950	1100	1300
Max Load	kg	5	5	5	7
Fetch Time	sec	1.2	1.5	2	2.2
Cycle Time	sec	8	9	11	13
Robot Weight	kg	260	300	350	420



TOUCH SCREEN CONTROLLER

SINGLE AXIS SERVO ROBOT

One axis AC servo traverse robot is applicable to horizontal injection molding machine range from 40T to 420T for product and sprue take out. Vertical arm is single stage or telescopic type, one arm and two arms for your choice.

Traverse axis (Z) driven by AC servo motor, crosswise axis (X) and vertical axis (Y) driven by cylinder

FEATURE

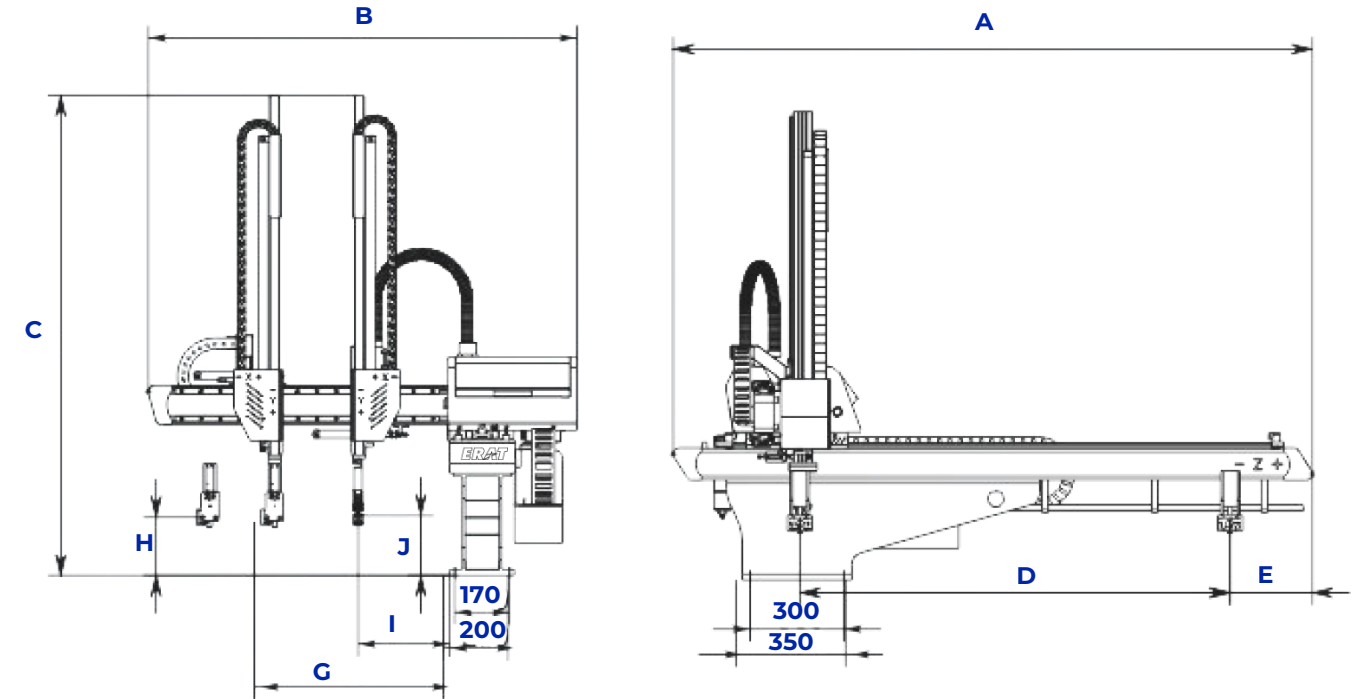
- 100** 100 SETS OF MOLD MEMORY FUNCTION
- 18** 18 GROUPS OF STANDARD PROGRAM
- 80** 80 GROUPS OF USER TEACHING PROGRAM

Open teaching mode, user can flexibly teach special action program to meet the needs of various special products.

REMARK

- I** SINGLE STAGE ARM
- W** TELESCOPIC TYPE ARM
- S** SINGLE ARM (PRODUCT ARM)
- D** DOUBLE ARMS (PRODUCT ARM + RUNNER ARM)
- S1** ONE AXIS AC SERVO DRIVEN (Z AXIS DRIVEN BY AC SERVO MOTOR, X AXIS & Y AXIS DRIVEN BY CYLINDER)

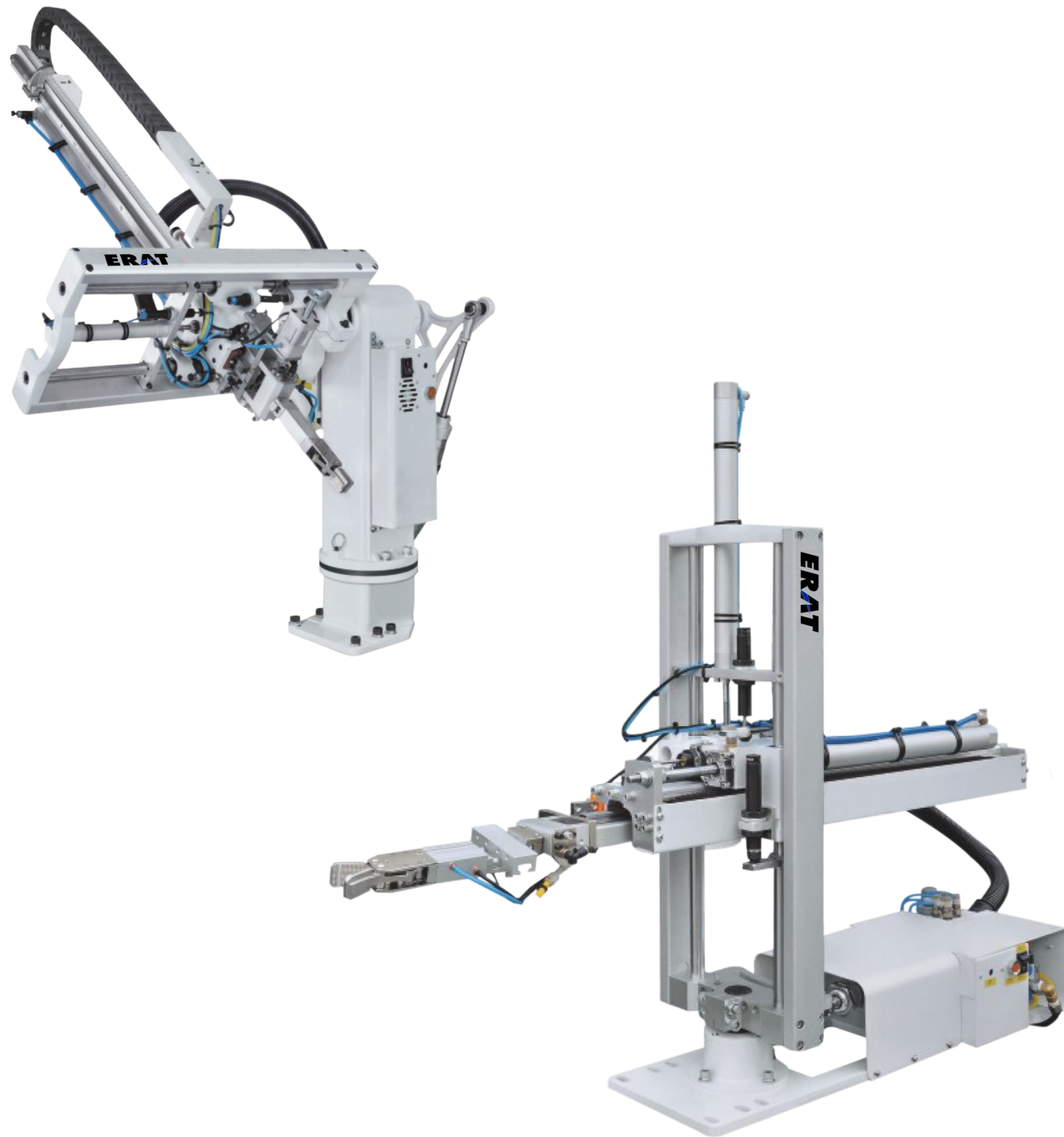
DIMENSIONS



Model	A	B	C	D	E	F	G	H	I	J
ERTB700ISS1/IDS1	1800	1240	1450	1150	280	780	300	180	175	200
ERTB800ISS1/IDS1	2040	1420	1610	1350	280	960	300	180	175	200
ERTB900ISS1/IDS1	2220	1420	1730	1500	280	960	300	180	175	200

PARAMETERS

Model		ERTB700ISS1/IDS1	ERTB800ISS1/IDS1	ERTB900ISS1/IDS1
Applied IMM	Ton	160-260	260-320	320-420
Traverse Stroke	mm	3000-4200	3200-4500	3500-5000
Crosswise Stroke	mm	350-150	400-200	450-200
Vertical Stroke	mm	850	950	1100
Max Load	kg	5	5	5
Fetch Time	sec	1.2	1.5	2
Cycle Time	sec	8	9	11
Robot Weight	kg	260	300	350



TOUCH SCREEN CONTROLLER

SWING ARM ROBOT (ERTP650V/ERTP850WV)

ERTP series is pneumatic swing arm robot, is suitable for sprue and simple product take out.



BELT CONVEYOR

FEATURE

- The whole frame is made of high-strength aluminum alloy, which is durable and not deformed.
- The height of both ends of the belt conveyor can be adjusted, and the operation is easy.
- It is equipped with four brake wheels, which is easy to move. It can be folded and does not occupy space
- The belt speed and direction can be adjusted.
- Equipped with standard connectors for easily connect to other devices.

FEATURE

Model	ETKA / ETKB
Belt width (mm)	200/300/400/500/600
Belt conveyor length (mm)	1500/2000/2500/3000/4000/4500/5000/5500/6000
Plane length (mm)	300(W<300; L<2000) / 500(W>400; L<2500) / 700(W>600; L<3000)
Low-end height (mm)	800~1100
High-end height (mm)	1100~1500
Belt conveyor speed (m/min)	5
Maximum load (kg)	15
Belt	PVC, 2mm: -10°C-80°C
Power	Single Phase AC 220V +/- 10V 50/60 Hz
Power consumption (KVA)	0.2

ERAT

Av. del Marqués del Águila P395, S/N
Cumbres del Conín, C.P. 76240
El Marqués, Querétaro
México

www.eratsa.com
+52 (442) 217 53 82