



E·ASTRO CO., LTD.

Customer Above All, Quality First

-CATALOG-



Computerized Flat Knitting Machine Series

EA-KT-DS

EA-KT5-DS7/12M

EA-KT7-DS12/14M

Double System

INTRODUCTION

- The fast cornering of carriage. Superior servo drive assembly makes the fast cornering of carriage come true, improved the efficiency of knitting more than 10%.
- Well-designed angle of needle bed tooth mouth to ensure rapid autonomous falling of fabrics.
- Duplex table technique of thick needle, fulfilling double distance and expanding table scope significantly.
- Triangle baseboard, adopting precise forging materials with the most superior quality, some are produced by Taiwan manufacturer according to our brand new design program with optimized degree of surface pressure, making surface of fabrics more even, density more proper and knitting smooth.





TECHINICAL PARAMETERS

Model / FEEDER	EA-KT-DS / 8,16,32
Gauge	3G, 3.5G, 3-5-7G, 5G, 6G, 7G, 8G, 9G, 10G, 12G, 13G, 14G, 15G, 5-7-12MULTI,7-12-14MULTI
Knitting System	Double System, Single Carriage
Knitting Width	44inch, 52inch, 60inch, 80inch, 100inch
Knitting Speed	Max 1.2m/s
Knitting Function	Tranfer, tuck, miss, jacquard, intarsia, hide or apparent shaping
Stitch Density	Stitch system controlled by stepping motor, 32 section stitch selectable, adjustable scope supported by subdivision technology: 0-650
Racking	Controlled by AC servo motor, racking within 2 inches and with fine adjusting function
Drive System	Synchronous belt drive, AC servo system
Needle Selection	Controlled by computer, electric magnet needle choose system with high efficiency
Scissor & Clamp	Including 2 scissor and 4 clamps, which individually controlled by 6 motors separatelt, located the both of needle bed separately, futher to increase the work efficiency and to reduce yarn consumption.
Yarn Carrier	2x8 yarn carriers on each side of 4 guide rails, shiftable on any needle position
Take Down Roller	Programmed instruction controlled by stepping motor, 32 section levels selection adjustable area: 0-100
Sinker System	Assist knitting, have various results of shaping and stop.
Protection System	The machine will automatically alarm if yarn breaking, float yarn, rewind, end of knitting, fail of racking, needle breakage and error programming occur ect.
Control System	1. Adopt LCD screen, input device: USB, system memory 1GB, a great amount of design files can be stored. 2. Monitoring menu, each kind of operating parameter, can be shown, and they can be adjusted at any time when the machine is running. 3. Design system is visual and easy to understand and upgrad. 4. Multi language version, there are chinese, english rtc.
Power	220v, single-phase, have memorizing function at the power-off moment

Computerized Flat Knitting Machine Series

EA-KT-SS

EA-KT5-SS7/12M

EA-KT7-SS12/14M

Economical Single System

INTRODUCTION

- The cam structure optimization, used the motor model, greatly improved the speed of meedle transfer.
- Small carriage, can return fast, improved work efficiency.
- Cooperating the yarn storge improved the flatness of fabric.
- Needle plate adopts the milling flute method with simple structure, it can sustain high efficiency working after heat treatment.





TECHINICAL PARAMETERS

Model / FEEDER	EA-KT-SS / 8,16,32
Gauge	5G, 6G, 7G, 8G, 9G, 10G, 12G, 13G, 14G, 15G, 16G, 5-7-12MULTI, 7-12-14MULTI
Knitting System	Single System, Single Carriage
Knitting Width	44inch, 52inch, 60inch, 80inch, 100inch
Knitting Speed	Max 1.2m/s
Knitting Function	Tranfer, tuck, miss, jacquard, intarsia, hide or apparent shaping
Stitch Density	Stitch system controlled by stepping motor, 32 section stitch selectable, adjustable scope supported by subdivision technology: 0-650
Racking	Controlled by AC servo motor, racking within 2 inches and with fine adjusting function
Drive System	Synchronous belt drive, AC servo system
Needle Selection	Controlled by computer, electric magnet needle choose system with high efficiency
Yarn Carrier	1x8 yarn carriers on each side of 4 guide rails, shiftable on any needle position
Take Down Roller	Programmed instruction controlled by stepping motor, 32 section levels selection adjustable area: 0-100
Protection System	The machine will automatically alarm if breaking, float yarn, rewind, end of knitting, fail of racking, needle breakage and error programming occur ect.
Control System	1. Adopt LCD screen, input device: USB, system memory 1GB, a great amount of design files can be stored 2. Monitoring menu, each kind of operating parameter, can be shown, and they can be adjusted at any time when the machine is running 3. Design system is visual and easy to understand and upgrad 4. Multi language version, there are chinese, english rtc.
Power	220v, single-phase, have memorizing function at the power-off moment

Computerized Flat Knitting Machine Series

EA-SKT-14

3D Flyknit Vamp

INTRODUCTION

- EASTRO as the first domestic comprehensive improvement of the electronic control system manufacturers in the machine voltage stability has made a major breakthrough.
- Upgrade the system to achieve the purpose of multi-chip production, at the same time, help solve problems of product quality instability during the process of producing. We have become the first domestic company who effectively helping customers improve the production of 40%.





TECHINICAL PARAMETERS

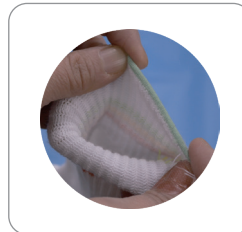
Model	EA-SKT-14
Gauge	14G
Knitting System	Three System, Single Carriage
Knitting Width	36inch, 48inch, 52inch, 60inch, 66inch, 72inch
Knitting Speed	Max 1.2m/s
Knitting Function	Tranfer, tuck, miss, jacquard, intarsia, hide or apparent shaping
Stitch Density	Stitch system controlled by stepping motor, 32 section stitch selectable, adjustable scope supported by subdivision technology: 0-650
Racking	Controlled by AC servo motor, racking within 2 inches and with fine adjusting function
Drive System	Synchronous belt drive, AC servo system
Needle Selection	Controlled by computer, electric magnet needle choose system with high efficiency
Yarn Carrier	2x8 yarn carriers on each side of 4 guide rails, shiftable on any needle position
Take Down Roller	Programmed instruction controlled by stepping motor, 32 section levels selection adjustable area: 0-100
Sinker System	Assist knitting, have various results of shaping and stop.
Protection System	The machine will automatically alarm if yarn breaking, float yarn, rewind, end of knitting, fail of racking, needle breakage and error programming occur ect.
Control System	1. Adopt LCD screen, input device: USB, system memory 256MB, a great amount of design files can be stored. 2. Monitoring menu, each kind of operating parameter, can be shown, and they can be adjusted at any time when the machine is running. 3. Design system is visual and easy to understand and upgrad. 4. Multi language version, there are chinese, english rtc.
Power	220v, single-phase, have memorizing function at the power-off moment

Fully Automatic F8 Sock Knitting Machine

ET-2021SF



TERRY & PLAIN DUAL
KNITTING(3.75")



DOUBLE CYLINDER EFFECT



DIFFERENT COLOR KNITTING
FOR TOE TIP AND HEEL



3D SOCK KNITTING



FAKE SOCK KNITTING

SPECIAL FEATURES

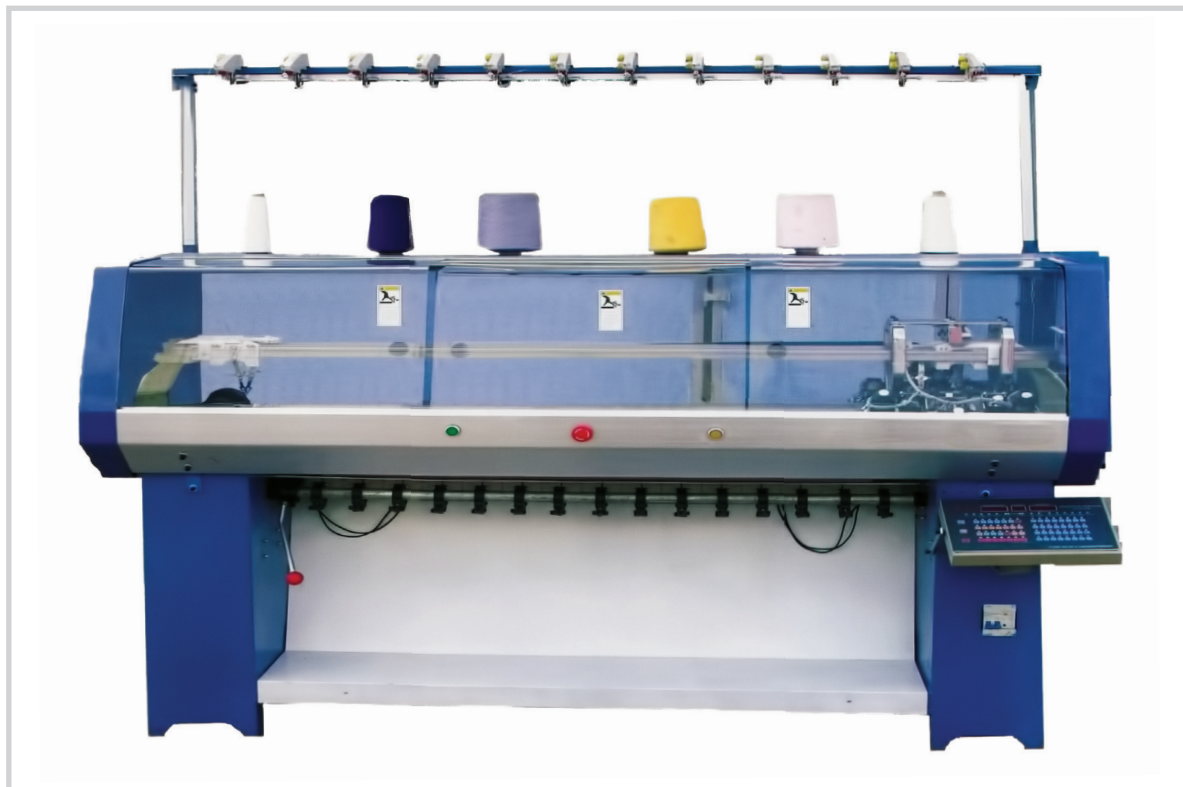
- Terry & Plain dual knitting(3.75")
- Multi-Language support (Korean, English, Chinese and other Languages)
- Double cylinder effect
- Making different side of linking line, up or down.
- More than 100 patterns
- More than 100 chains
- 10design sequential production or cross production
- Simple change from Terry to Plain(only main feeder and plate change)
- Color LCD
- Built-in Power stabilizer(1~2 seconds)
- 210V~410V support (Flexible)
- Free license for design program
- Other program can be used
- Fake socks knitting
- 3D-Knitting
- Switching power
- Rubber tights knitting(Automatic width control)
- New actuator system for high speed knitting
- Double down picker system for knitting conditions.
- Total 15 patterns yarn fingers
- Automatic stitch control system by accurate stepping motor
- Repeating functions of Knitting on double welt & heel
- Actuator is with 16 steps lift type
- 5% production speed up
- 5% less components (less parts)

SPECIFICATION

MODEL		Plain	Terry
DIA. Of Cylinder		3.5"	3.75"
Range of Needle count		84~240	84~200
Speed		320~400RPM	220~280RPM
Drive Control	Servo Motor	1.0KW	
	Blower	0.75KW / 0.95KW	
	Control Box	0.7KW	
Drive Control		A.C Servo Driver	
Floor Space		120×140(Cm)	
Weight		Net weight : 430Kg / Gross weight :460Kg	
Packing Dimension		100×95×170(Cm)	

Collar Machine

EA-C-314

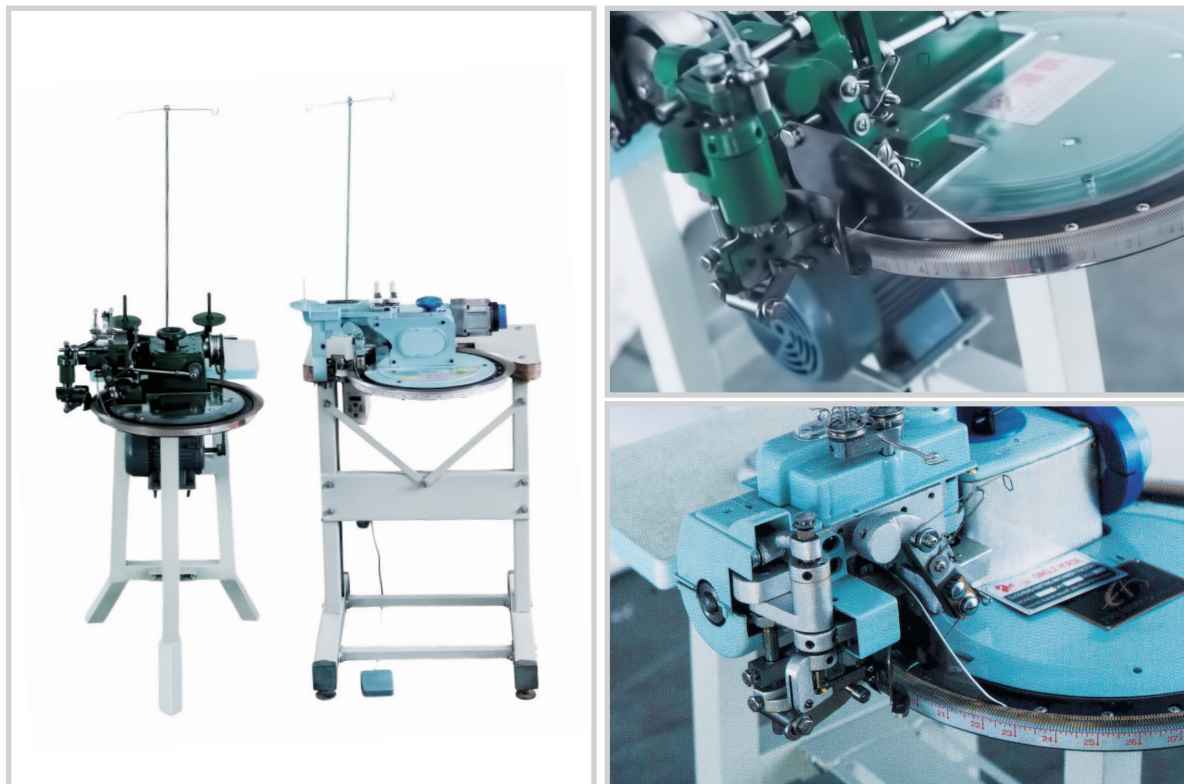


TECHINICAL PARAMETERS

Specification	Model	EA-C-314
Knitting Width		42", 52", 80"
Carriage		Single
Yarn Feeder		Max 6
Gauge		3.5G/5G/7G/8G/9G/10G/12G/14G
Racking		2 needles to left or right
Knitting Speed		Inverter motor, Max 1.2M/S
Power		A/C 220V 50Hz
Density Corrections		2 Level Manual Selecting
Needle type		Plate metal high butt needle
Measurement(mm)		42" 1850x800x1850 / 52" 2350x750x1800 / 80" 3300x1000x1850
Weight		42" 350kg / 52" 380kg / 80" 400kg

Dial Linking Machine

EA-DL-1520



INTRODUCTION

- High speed, high efficiency, energy saving and stability.
- To improve your work efficiency and create higher production value.
- Computer servo motor, 0-1200 speed per minute, adjusting stepless speed arbitrarily to achieve man-machine integration.
- Ultra-high overhead space and rotary space.

TECHINICAL PARAMETERS

Specification / Model	EA-DL-1520
Diameter of dial	14"
Number of points	3-24 Points/Inch
Power Required	1/8 HP
Pulley Revolution	350 R.P.M.
Weight	30kg
Packing Measurement	20"x24.5"x10"
Weave Gauge / Sew Gauge	1.5G/3G 3G/5G 7G/8G 8,9G/10G 10G/12G 12G/14G 14G/16G 16G/18,20G
Needle Specifications & Size	3,5,6G=7R / 6,8G=6R / 10,12G=5R / 14,16G=4R 18,20G=3R / 22,24G=2R

Winding Machine Series

EA-YW-250

Yarn winding machine(hank to cone)

INTRODUCTION

EA-YW-250 tight type yarn winding machine is ideal model applied to cotton, line, silk and other types of tube yarn or skein yarn (hank) winding onto cones with tight yarn which used directly on knitting machine, warping machine etc.

This machine is especially suitable for cotton hank of K silk winding into soft or tight cones what meet the technological requirements.



TECHINICAL PARAMETERS

Groove Drum	0/D 82mm, spindle distance 2.5, symmetry 0°
Tube Type	Taper 3°30', 4°20'(φ62); 5°57'(φ68)
Spindle	12 spindles/group
AssemBle	Max.9group for 1set, total 108 spindles. (Normal 7 group 84 spindles)
Max.speed	2800R/min
Max.Diameter	250mm
Paramater Design	Individual or touch screen interface control (fixed-length, slow-start, adjustable speed, broken yarn auto stop)
Voltage	3phase5 wires, 380V 50Hz
Power	90W/spindle + 5W(wax) + cleaning
Size(L x W x H)	L2230 x W1100 x H1600mm
Weight	350kg/group



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FEATURING AND USE

1. Grooved drum of superplastic alloy material, high strength, light weight, Groove design guide has an excellent performance broad applicability, the surface adopt the new technology of polishing, $Ra < 0.8\mu m$ roughness, hardness $HV > 900$, computer dynamic balance correction to meet high speed and low noise.
2. Electric rotary waxing device to ensure that the yarn wax evenly.
3. Individual spindle control, slow start, the line speed is adjustable, broken yarn stop and alarm function.
4. Advanced touch screen interface.



Winding Machine Series

EA-AC-250

AC Tight winding machine



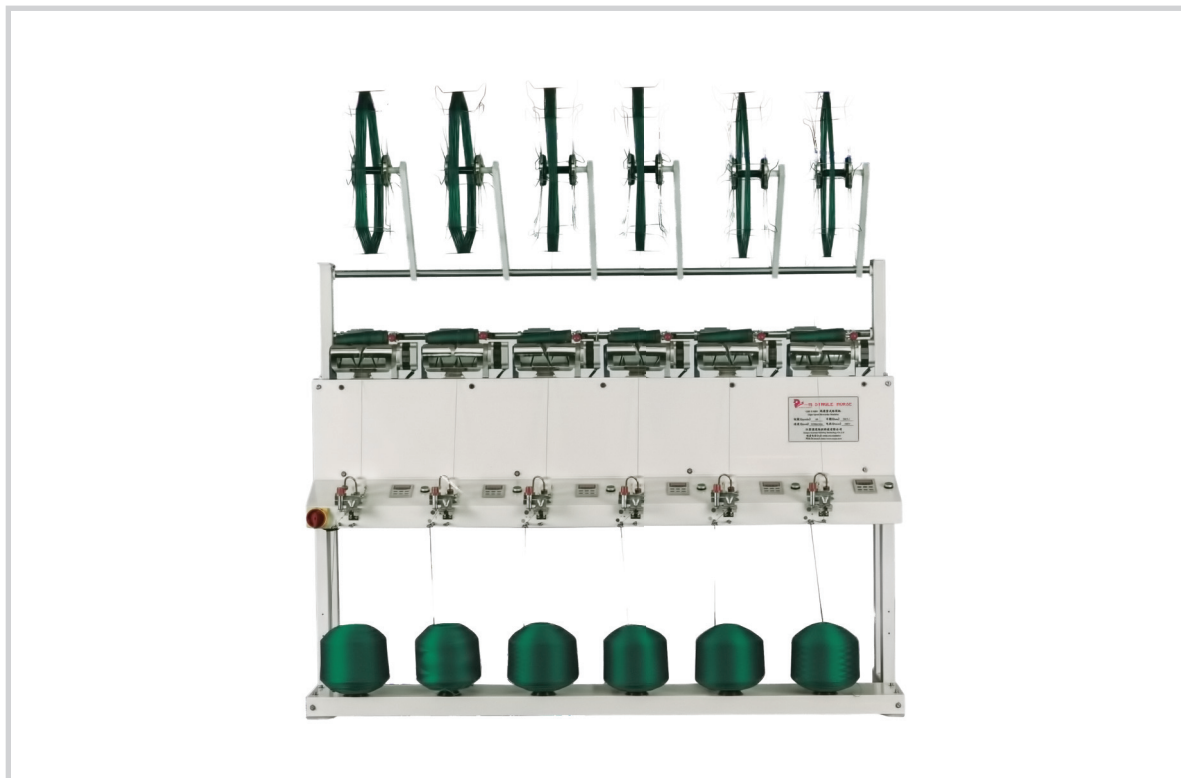
TECHINICAL PARAMETERS

Groove Drum	Length 182mm, O/D 82mm, spindle distance 2.5, symmetry 0°
Tube Type	Taper 3°30', 4°20', 5°57'($\phi 62$), 5°57'($\phi 68$), Cylindrical 170*($\phi 20-50$)
Spindle	2or6 H/S Single Side, 12 H/S Double Side
AssemBle	Max.9group for 1set, total 108 spindles. (Normal 7 group 84 spindles)
Max.speed	500-800m/min
Max.Diameter	250mm
Paramater Design	Individual or touch screen interface control (fixed-length, slow-start, adjustable speed, broken yarn auto stop)
Voltage	3phase5 wires, 380V 50Hz
Power	90W/spindle + 5W(wax) + cleaning
Size	L2230 x W1100 x H1500mm
Weight	800kg/group

Winding Machine Series

EA-DC-330

DC Tight winding machine



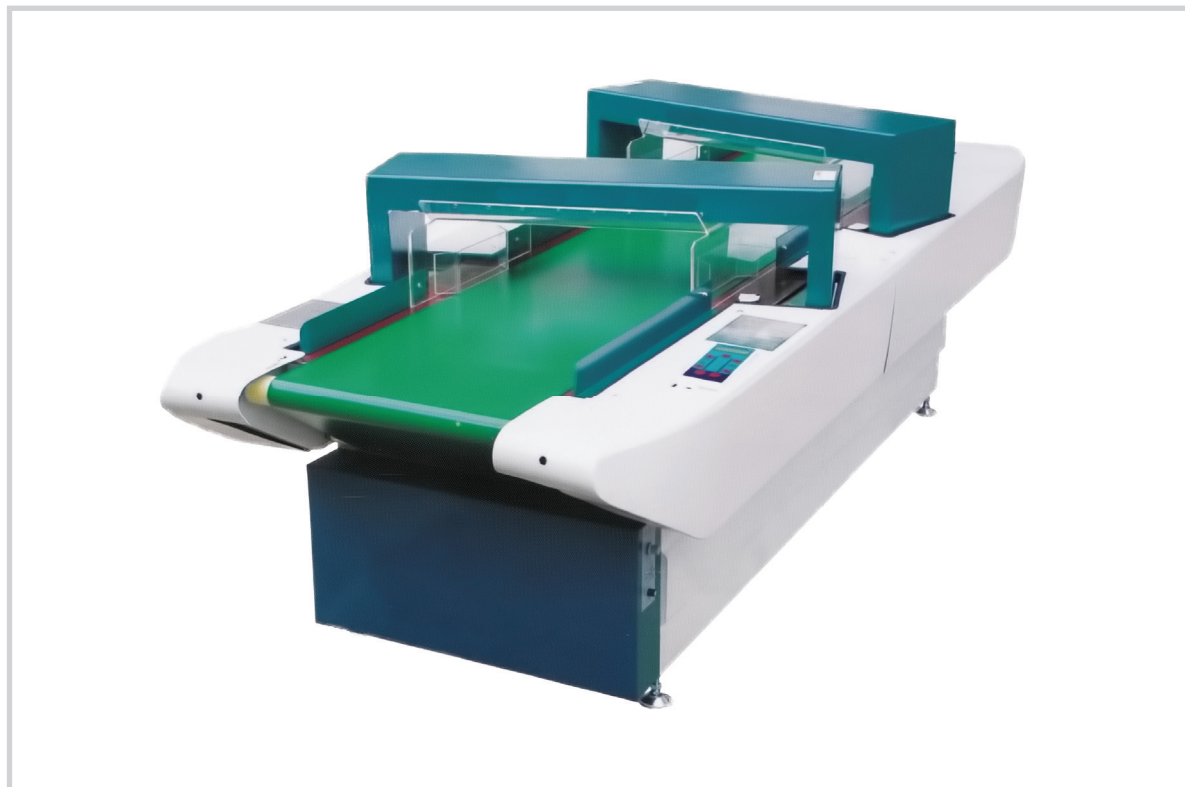
TECHINICAL PARAMETERS

Groove Drum	Length 182mm, O/D 82mm, spindle distance 2.5, symmetry 0°
Tube Type	Taper 3°30', 4°20', 5°57'($\phi 62$), 5°57'($\phi 68$), Cylindrical 170*($\phi 20-50$)
Spindle	2or6 H/S Single Side, 12 H/S Double Side
Assemble	Max.9group for 1set, total 108 spindles. (Normal 7 group 84 spindles)
Max.speed	1000m/min
Max.Diameter	250mm
Paramater Design	Individual or touch screen interface control (fixed-length, slow-start, adjustable speed, broken yarn auto stop)
Voltage	3phase5 wires, 380V 50Hz
Power	90W/spindle + 5W(wax) + cleaning
Size	L1870 x W650 x H1500mm
Weight	200kg/group

Needle Detector Series

EA-AJ-720

Anti-jamming Needle Detector



FEATURING AND USE

- With all features of model 700 and 720, special design magnetic detect method to avoid uneven magnetic field distribution in detecting area, improved sensitivity and reliability.
- Photoelectric controlled magnetic field.
- The number of detenting items can be recorded by counter.
- LBD indicates the needle position.
- Automatic alarm when detecting needle or steel.
- Automatic return and stop function.

TECHINICAL PARAMETERS

Specification	Model	EA-AJ-720
Diameter of dial(mm)		W600 x H100-250
Number of points		Φ 0.8-2.0mm(Steel Ball)
Power Required		AC220V ± 50Hz
Pulley Revolution		90W
Size(mm)		L2350 x W1040 x H900

Needle Detector Series

EA-MIND-800

Microcomputer Full-automatic Intelligent Needle Detector



FEATURING AND USE

- The core, main components and conveyor belts are imported, and the computer programmed digital integrated circuit is adopted for the circuit control system.
- Full automatic circuit control system and the advanced protection and energy saving control system are applied in the design.(It can start up and stops automatically to save power without detection within 10min.)
- The digital potentiometer adjusts sensitivity and display of broken needle's position.(divided into 8 zones)
- It is provided with a belt deflection device as well as changeover function of thick and thin article detection.
- It has voice and light alarms and automatic braking function.

TECHINICAL PARAMETERS

Specification	Model	EA-MIND-800
Diameter of dial(mm)		W600 x H80-300
Number of points		Φ 1.0-3.0mm(Steel Ball)
Power Required		AC220V ± 10% 50Hz
Pulley Revolution		140W
Size(mm)		L1650 x W1090 x H900

Vacuum Ironing Table Series

EA-VIT Series



EA-VIT-1300



EA-VIT-1400A



EA-VIT-1400B



EA-VIT-1800

FEATURING AND USE

- Suitable for ironing of ready-made clothes made of cotton, wool, silk, linen and polyester etc.
- The ironing table wind drawing and the buck wind drawing are changed over by foot pedal.
- With strong suction system and the noise is reduced to offer the operator a better working environment.
- Separated package decreases the transportation cost.

TECHINICAL PARAMETERS

Specification \ Model	EA-VIT-1300	EA-VIT-1400A	EA-VIT-1400B	EA-VIT-1800	EA-VIT-1800B
Voltage(V)	220/380				
Power(W)	370	370	370	550	550
Table Size(mm)	750x1300	750x1400	750x1400	800x1400	900x1800
N.W(kg)	56	58	54	70	90

Stainless Steel Full Steam Iron Series

EA-SSI Series



Model	Steam Valve Types	Purpose	Weight
A	Dial	Ironing For All	1.8kg



Model	Steam Valve Types	Purpose	Weight
B	Dial	Ironing For All	2kg



Model	Steam Valve Types	Purpose	Weight
C	Dial	Middle Working Procedure	1.2kg



Model	Steam Valve Types	Purpose	Weight
D	Dial	Middle Working Procedure	1.4kg



Model	Steam Valve Types	Purpose	Weight
E	Dial	For Slot	1.2kg

Sewing Machine Series

Sweaters Buried Folder Machine



- Instead of looping machine
- Instead of sewing machine
- The domestic general sweater
- Do outbound shipments
- With 1 - 3 wool 18G - 9G



- Instead of looping machine
- Instead of sewing machine
- Can be split half-half domestic plant
- To do precision an edge 18G - 9G
- With 1 - 2 wool



- Sell sets machine
- To sell sewing machine
- Shipment can fight and export goods
- Do 18G - 9G precision edge
- With 1 - 3 wool

Buttonhole Machine



- New pulling thread-slacking device
- New base thread and surface thread cutting device
- Multifunction operation control panel
- Simple and convenient operation, simple and accurate orientation
- Electric clamping organization
- Oil-free clean sewing

Button Machine



- Varied product function combination
- Multifunctional panel board
- Electronic tension devices are standard equipmen
- Efficiently production performance
- Excellent sewing quality
- Sewing patterns in diversified ways

Electric Steam Generator

EA-ESG



FEATURING AND USE

- Fully automatic circuit board controls the watering and heating.
- Flange electrothermal pipe is adopted for more convenient decontamination.
- 3KW-18KW adopts dual-group electrothermal pipe and has variable power.

TECHINICAL PARAMETERS

Specification \ Model	EA-ESG-1	EA-ESG-2	EA-ESG-3	EA-ESGF-4	EA-ESG-5
Steam Output	22kg/h	15kg/h	12kg/h	7kg/h	3.5kg/h
Steam Pressure	0.4mp				
Capacity of Furnace Body	24L	20L	18L	16L	13L
Electrothermal Power	18KW	12KW	9KW	6KW	3KW
Voltage	3 x 380V			380V/220V	
Current	24A	16A		14A	6A
Function	Full Automation				

Brush Feather Machine

EA-BF1500



AREA OF APPLICATION

- Adopt simultaneous operation of centrifuge vacuum suction and mechanical brush roller to eliminate the residues attached to knitting, wool and artificial wool clothes, so that the residuals such as shorts, flyings, piles and so on attached to your clothes, can be brushed clear quickly and freely before delivery.

TECHINICAL PARAMETERS

Specification \ Model	EA-BF1500
Fan Motor	0.55KW 380V/220V
Brush Roller Motor	0.37KW 380V220V
Work Top	1200 x 700
Weight	88kg
Size(mm)	L1200 x W700 x H850

Spot removing machine

EA-SR2000



FEATURING AND USE

- To remove the spot from the cloths.
- Vacuum stepper switch for saving the electriclty and reducing the noise while operating.
- One steam gun and two strong spray-guns for removing.
- Two stainless-steel containers for different detergents.
- With steam cylinder for less water.

TECHINICAL PARAMETERS

Specification \ Model	EA-SR2000
Voltage(V)	220
Power(W)	370
Table Size(mm)	450x880
N.W(kg)	55

Thread Pieces Sucking Machine Series

EA-TPS 3300



FEATURING AND USE

- It is able to suck out the dust, thread and drit from garments, to improve the quality, increase the productivity and save time and labor.
- With transparent work-palte for operators to see the working pieces during work.
- Autostop for protection and safety once the garment pieces is sucked into machine.
- Extra long sucking tube, strong suction system, low noise and easy operation.

TECHINICAL PARAMETERS

Specification \ Model	EA-TPS 3300-I	EA-TPS 3300-II
Voltage(V)	380	380
Power(KW)	3	4
Dimensions(mm)	650x1580x1420	650x1580x1420
N.W(kg)	120	120

Washer Machine

EA-UTA



TECHINICAL PARAMETERS

Specification \ Model	EA-UTA-100A	EA-UTA-80B
Rated Capacity	100kg	80kg
Motor Power	7.5kW	6.5kW
Washing Speed	30rpm	30rpm
Steam Pipe(ID)	40mm	25mm
Cold/Hot Water Pipe	50mm	40mm
Exhaust Water Pipe	140mm	140mm
Water inlet Pressure	0.2-0.3 Mpa	0.2-0.3 Mpa
Steam Pressure	0.4-0.6 Mpa	0.4-0.6 Mpa
Compressed Air Pressure	0.4-0.6 Mpa	0.4-0.5 Mpa
Power Consumption Per Cycle	1.8kWh	1.6kWh
Dimensions	1920 x1700	1875 x 1600

Dryer Machine

EA-UTSH700

Automatic Stoving Machine(Steam Heat)



FEATURING AND USE

- Voltage outputs of the transformer is AC9.8V (Loaded Voltage), do not directly connect to AC 220V.
- The transformer should be configured by user if the input voltage range of the transformer is out of the of : AC220V.
- Voltage connected with relay < AC220V(DC24V) : Relay current < 5A.
- Output to carry an electric voltage for connecting, the customer can connect into according to own effective demand, needing not certainly AC220V.
- Make sure the temperature around the controller and connecting cable is lower than 60°C

TECHINICAL PARAMETERS

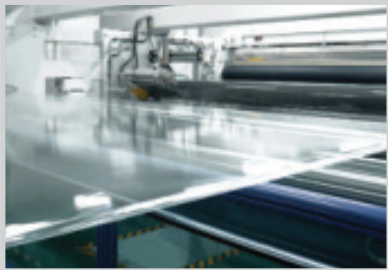
Specification	Model	EA-UTSH700
Roll Capacity		100 kg
The internal Land Depth of Roll		Φ 1350 x 1000 mm
Main Motor Power		2.2 kw
Ventilation Motor Power		1.5 kw
Steam Pressure		0.5 - 0.6 Mpa
Steam Consumption		120 - 140 kh/h
Appearance Size (LxWxH)		1590 x 1850 x 2420 mm
Weight		1200 kg



E·ASTRO CO., LTD.
Customer Above All, Quality First

Screw Type Water Cooled Chiller

High Temperature 7~20°C Refrigerating Unit



Thin-film Production Line



Plastic, Rubber and Plastic Production Line



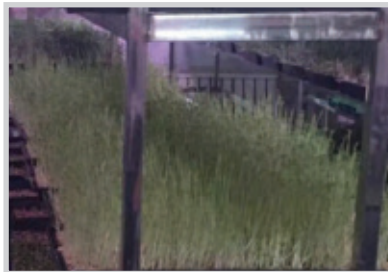
Production Workshop Air Conditioning



Electroplating and Oxidation Production Line



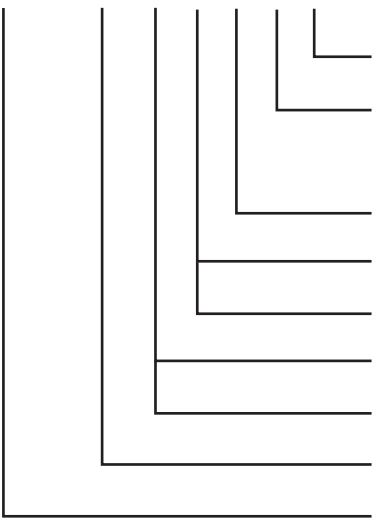
Cosmetics Production



The New Agricultural Product Cultivation

MODEL SPECIFICATION

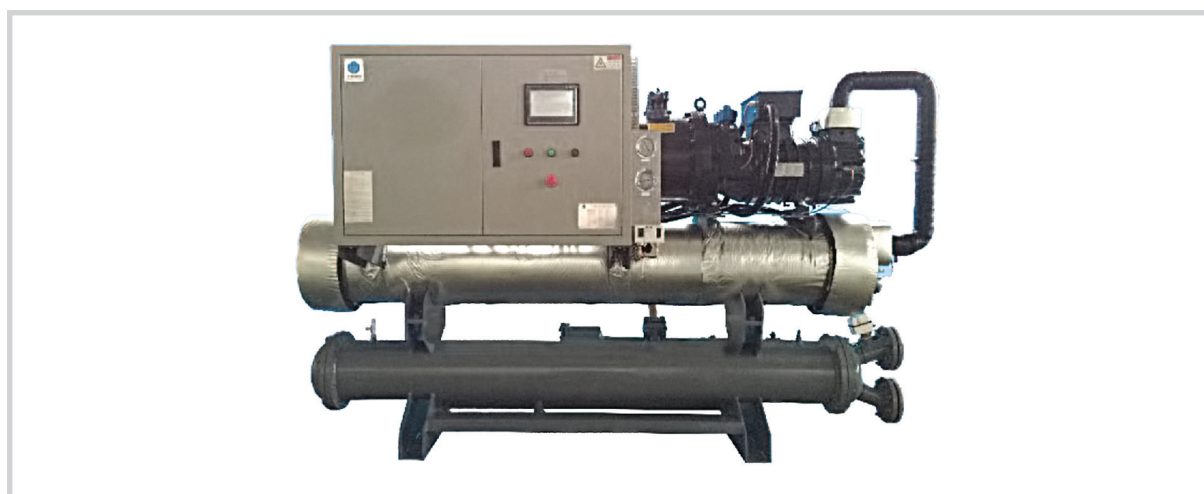
EA - 100 W S D T R



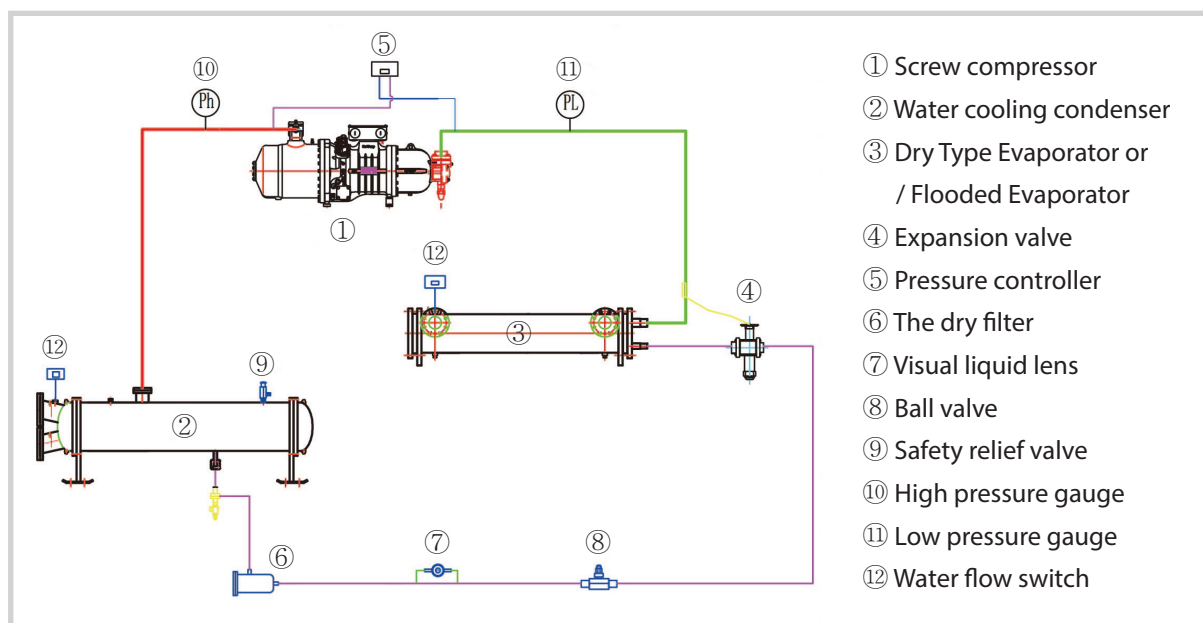
- The use of R134a refrigerant (Omitted R22 Refrigerant)
- Screw type unit in the two compressor (Omitted for one compressor)
- Alkali resistant type
- B - Scroll type compressor
- S - Scroll type compressor
- A - Condenser for air cooling
- W - Water cooled condenser
- Compressor motor nominal power :p
- E-ASTRO CO.,LTD.

FEATURING AND USE

1. Use the international famous brand screw compressor. High efficient motor, rotor wear, low noise, strong cooling capacity.
2. Use through the national certification with pressure vessel production qualification of the heat exchanger as evaporator and condenser. Evaporation, heat dissipation effect is good, durable.
3. The use of a new generation of fast response microcomputer controller, beautiful man-machine interface, automatic one button start, easy operation, accurate temperature control, with RS485 interface, remote control.
4. The use of international brands of thermal expansion valve, dry filters and other refrigeration accessories, stable operation, efficient and sensitive.



Screw Type Water Cooled Chiller Refrigeration Flow Chart



TECHINICAL PARAMETERS

Specification			Model	EA-040WS	EA-060WS	EA-080WS	EA-100WS	EA-120WS	EA-140WS
Nominal Refrigerating Capacity	TC = 40°C /Te = 2°C	KW.h	127.6	157.9	213.4	257.4	305.3	358.5	
		kcal/Hr	109736	135794	183524	246304	262558	308310	
		USRT	36.3	44.9	60.7	73.2	86.8	102.0	
Motor	Input Power	KW	30.7	38.2	50.3	67.5	72.1	83.6	
	Max Running Current	A	70	86	115	140	170	195.0	
	Ways Of Initiation		Y - Δ						
	Power supply		3Φ - 380V - 50Hz(Can Order 380V-60Hz / 480V-60Hz / 230V-60Hz)S						
Expansion Of Throtting Nethod			Expansion Valve Thermostatic						
Safety Protection Device			Exhaust Temperature, Phase Protection, High Pressure, Oil Pressure, Oil Pressure, Safety Valve Etc.S						
Compressor	Theoretical Displacement	m³/h	118	175	237	286	341	402	
	Type		Semi Hermetic Screw Type						
	Number		1						
	Refrigerant		R22/R134a						
	Capacity control steps		25% - 50% - 75% - 100%						
Chilled Water Temperature Range	Temperature		5°C -> 20°C						
	Temperature		10°C -> 25°C						
Evaporator	Type		Straight Pipe Dry Type Evaporator / Soldering Plate Evaporator						
	Exchange Tube Material		Efficient Internal Thread Copper Pipe Heat Exchanger / SUS304 Stainless Steel						
	Flow	m³/h	21.9	27.2	36.7	44.3	52.5	61.7	
	Inlet Pressure		>1.5bar <10bar						
	Pipe Size	mm	DN80	DN80	DN80	DN100	DN100	DN125	
Condenser	Type		Horizontal Shell And Tube Condenser						
	Heat Exchange Tube Material		High Efficiency Thread Copper Tube Heat Exchanging Pipe						
	Cooling Water Flow	m³/h	27.4	33.9	45.9	55.3	65.6	77.1	
	Inlet Pressure		>1.5bar <10bar						
	Pipe Size	mm	DN80	DN80	DN80	DN100	DN100	DN125	
Water Inlet Temperature Range			Optimum : 20°C -> 30°C, The Maximum : 10°C -> 40°C						
Unit Weight		KG	1050	1400	1650	1700	1900	2000	
Overall Dimension	mm	L	2900	2900	3100	3200	3500	3500	
		W	800	1100	1100	1250	1250	1250	
		H	1500	1800	1800	1900	1900	1900	

· The above technical parameters capacity conditions: Evaporation temperature 2°C, Condensation temperature of 40°C, the water inlet and outlet temperature of 12°C/7°C Celsius, cooling water inlet and outlet temperature of 30°C/35°C Celsius.

· If there are any changes in the parameters of the above-mentioned products due to changing technology, we are sorry not to make further notice at any time

TECHINICAL PARAMETERS ORDER

Specification			Model	EA-160WS	EA-200WS	EA-240WS	EA-280WS	EA-350WS	EA-390WS
Nominal Refrigerating Capacity	TC = 40°C /Te = 2°C	KW.h	403.3	508.5	619.0	710.9	967.9	1079.9	
		kcal/Hr	346838	437310	532340	611374	832394	928714	
		USRT	114.7	144.6	176.0	202.2	275.3	307.1	
Motor	Input Power	KW	93.2	117.4	143	167.2	224.5	248.8	
	Max Running Current	A	210	265	320	418	540	590	
	Ways Of Initiation		Y - Δ						
	Power supply		3Φ - 380V - 50Hz(Can Order 380V-60Hz / 480V-60Hz / 230V-60Hz)S						
Expansion Of Throtting Nethod			Expansion Valve Thermostatic						
Safety Protection Device			Exhaust Temperature, Phase Protection, High Pressure, Oil Pressure, Oil Pressure, Safety Valve Etc.S						
Compressor	Theoretical Displacement	m³/h	445	562	700	860	1000	1100	
	Type		Semi Hermetic Screw Type						
	Number		1						
	Refrigerant		R22/R134a						
	Capacity control steps		25% - 50% - 75% - 100%						
Chilled Water Temperature Range	Temperature		5°C -> 20°C						
	Temperature		10°C -> 25°C						
Evaporator	Type		Straight Pipe Dry Type Evaporator / Soldering Plate Evaporator						
	Exchange Tube Material		Efficient Internal Thread Copper Pipe Heat Exchanger / SUS304 Stainless Steel						
	Flow	m³/h	69.4	87.5	106.5	122.3	166.5	185.7	
	Inlet Pressure		>1.5bar <10bar						
	Pipe Size	mm	DN125	DN150	DN150	DN150	DN200	DN200	
Condenser	Type		Horizontal Shell And Tube Condenser						
	Heat Exchange Tube Material		High Efficiency Thread Copper Tube Heat Exchanging Pipe						
	Cooling Water Flow	m³/h	86.7	109.3	133.1	152.8	208.1	232.2	
	Inlet Pressure		>1.5bar <10bar						
	Pipe Size	mm	DN125	DN150	DN150	DN150	DN200	DN200	
Water Inlet Temperature Range			Optimum : 20°C -> 30°C, The Maximum : 10°C -> 40°C						
Unit Weight		KG	2150	2400	3100	3200	3700	3800	
Overall Dimension	mm	L	3800	3800	4000	4300	4600	4800	
		W	1300	1300	1450	1500	1600	1600	
		H	1900	2000	2200	2200	2300	2300	

· The above technical parameters capacity conditions: Evaporation temperature 2°C, Condensation temperature of 40°C, the water inlet and outlet temperature of 12°C/7°C Celsius, cooling water inlet and outlet temperature of 30°C/35°C Celsius.

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E·ASTRO GROUP guiding principle: "Customer above all, quality first" is the invariable principle of group.
The cause of group going on forever satisfying the requirement and expectation of customer. The promises for customer is high quality and pure-hearted Service. The headspring permanent develop is progress and innovation of technology.



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