

# **COLLAR MACHINES**

# **FLAT KNITTING**

**MACHINES CATALOGUE** 

# Computerized Full Jacquard Knitting Collar Machine (1+1)

### **NEW MODEL**











#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



#### New design

New design safty sidedoor and side tention.



### Cam system

812 Cam system make the basic full jacquard and intarsia structure fabric. 8 sets solen oid needle selection structure.

### **Technical specifications**

Product Name ...... Computerized Full Jacquard Knitting Collar Machine (1+1)

Cam System ....... Double carriage and tandem single system, 8 needle jack full jacquard selection cams

Gauge ...... 12G, 14G, 16G

Knitting Width ...... 80" inch

Knitting Speed ...... Max 1.5m/s depending on knitting wide and knitting material. 32 sets of speed control

Racking ...... Max 2 inch by servo motor, precision adjustable

Control System ...... The carriage is driven and controled by the Boosan operating system

Automatic Intervention ...: Yarn cut, yarn knot, yarn drop, needle break, needle shock, fabric roll back, motor error,

racking error, program error, neddle hook break, auto alarm

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 3625 x 1800 x 840 mm







# Computerized Full Jacquard Knitting Collar Machine (Single Head 3 System)







#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



#### Cam system

831 Cam system make the basic full jacquard and intarsia structure fabric. 8 sets solen oid needle selection structure.



### **Technical specifications**

Product Name ...... Computerized Full Jacquard Knitting Collar Machine (Single Head 3 System)

Production Capacity .......: 800 - 1.000 piece / 1 Day (Average)

Supply Capability ...... 24.000 - 30.000 piece / 1 Month (Average)

Cam System ...... Single carriage and 3 system, 8 needle jack full jacquard selection cams

Gauge ...... 12G, 14G, 16G

Knitting Width ...... 52" - 80" inch

Knitting Speed ...... Max 1.5m/s depending on knitting wide and knitting material. 32 sets of speed control

Racking ...... Max 2 inch by servo motor, precision adjustable

Control System ...... The carriage is driven and controled by the Boosan operating system

Automatic Intervention ...: Yarn cut, yarn knot, yarn drop, needle break, needle shock, fabric roll back, motor error,

racking error, program error, neddle hook break, auto alarm

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 3430 x 1800 x 864 mm



# Computerized Full Jacquard Knitting Collar Machine (Single Head 4 System)

### **NEW MODEL**











#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



#### Cam system

741 Cam system make the basic full jacquard and intarsia structure fabric. 8 sets solen oid needle selection structure.

#### They Produce



### **Technical specifications**

Production Capacity ......: 800 - 1.000 piece / 1 Day (Average)

Supply Capability .............. 24.000 - 30.000 piece / 1 Month (Average)

Cam System ...... Single carriage and 4 system, 8 needle jack full jacquard selection cams

Feeder ...... 4 sets of 8 feeders on both side of the 4 feeders rail

Stitch ...... 24 sets of density options from level 0 ~ 650

Gauge ...... 12G, 14G, 16G

Knitting Width ...... 42" inch

Knitting Speed ...... Max 1.5m/s depending on knitting wide and knitting material. 32 sets of speed control

Racking ...... Max 2 inch by servo motor, precision adjustable

Control System ...... The carriage is driven and controled by the Boosan operating system

Automatic Intervention ...: Yarn cut, yarn knot, yarn drop, needle break, needle shock, fabric roll back, motor error,

racking error, program error, neddle hook break, auto alarm

Power ...... 220V single phs or 380V 3 phs

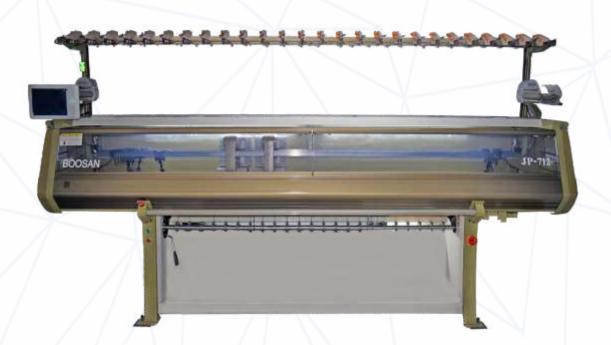
Dimensions ...... 3625 x 1800 x 840 mm







# Computerized Jacquard Knitting Collar Machine











#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



#### Cam system

712 Cam system make the basic full jacquard and intarsia structure fabric. 8 sets solen oid needle selection structure.



**They Produce** 





### **Technical specifications**

Product Name ...... Computerized Jacquard Knitting Collar Machine

Production Capacity .......: 1.200 - 1.400 piece / 1 Day (Average)
Supply Capability .................. 36.000 - 42.000 piece / 1 Month (Average)

Cam System ...... Double carriage and tandem single system, 8 needle jack full jacquard selection cams

Stitch ...... 24 sets of density options from level 0 ~ 650

Gauge ...... 12G, 14G, 16G

Knitting Width ...... 80" inch

Knitting Speed ...... Max 1.5m/s depending on knitting wide and knitting material. 32 sets of speed control

Racking ...... Max 2 inch by servo motor, precision adjustable

Control System ...... The carriage is driven and controlled by the Boosan operating system

Automatic Intervention ...: Yarn cut, yarn knot, yarn drop, needle break, needle shock, fabric roll back, motor error,

racking error, program error, neddle hook break, auto alarm

Power ...... 220V single phs or 380V 3 phs





# Computerized Single Head Jacquard Knitting Collar Machine





#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



New design

New design safty sidedoor and side tention.



### Cam system

711 Cam system make the basic full jacquard and intarsia structure fabric. 8 sets solen oid needle selection structure.

### **Technical specifications**

Product Name ...... Computerized Single Head Jacquard Knitting Collar Machine

Production Capacity ......: 700 - 900 piece / 1 Day (Average)

Supply Capability ...... 21.000 - 27.000 piece / 1 Month (Average)

Cam System ...... Single carriage and single system, 8 needle jack full jacquard selection cams

Knitting Width ...... 52" 80" inch

Knitting Speed ...... Max 1.2m/s depending on knitting wide and knitting material. 24 sets of speed control

Racking ...... Max 2 inch by servo motor, precision adjustable

Control System ...... The carriage is driven and controled by the Boosan operating system

Automatic Intervention ...: Yarn cut, yarn knot, yarn drop, needle break, needle shock, fabric roll back, motor error,

racking error, program error, needle hook break, auto alarm

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 2425 x 1800 x 840 mm

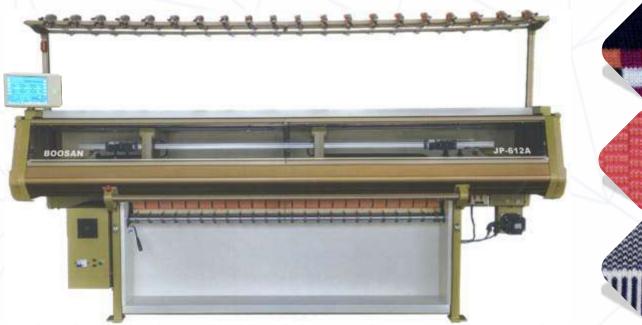
Weight ...... 650 kg / 780 kg





# **JP-612A**

# Lycra System Mini Jacquard Collar Machine







#### Computerized control system

Visual touch screen interface showing the knitting movement, it is easy to modify working data setting. Designs can be stored or tranferred from the USD memory stick. The fast edit function is helpful for a new operator. New safety doors and emergency protection increase the safety protection of the operator.



#### Servo motor

The machine head and racking bed is driven by servo motor, the working parameter data is adjustable according to working condition. The machine head movement is 10% faster than old type machine due to the benefit of the servo fast direction changing control and movement technique improvement.



New design

New design safty sidedoor and side tention.



#### Cam system

612A has a lycra cams system, may do full tuck or haft tuck in any direction, its unique recover technique better the fabric quality and at the same time increase 30% productivity for double faces single color type of fabric structure.

### **Technical specifications**

Racking ...... Servo motor control max 2 inch, racking one or half needle at any position, auto recover

function

Roller ..... From 1-9 level option

Control System ...... The carriage is driven and controlled by the Boosan operating system

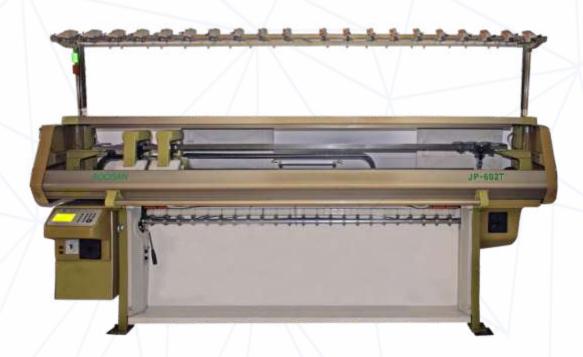
Automatic Intervention ...: Yarn cut, knot, yarn loose, fabric drop, fabric roll back, floating tuck, needle shock,

emergency stop, 0 position error, motor overload



# **JP-602T**

# Transfer Mini Jacquard Collar Machine







#### Computer control system

The machine is computer OS is specially designed by the Boosan engineer. Boosan has making years of effort to upgrade the OS to be more user-friendly and more stable than ever before. There is an USB socket under the control keyboard, the user can store a lot of knitting designs to a external disk.



#### The carriage slide system

24 bearing structure design enables a durable life for the carriage



Precision carriage

New carriage is firmer and lighter than ever before



#### Varn foodor

The yarn feeders are made of special steel which effectly reduce yarn broken and help the yarn to finish loop smothl

### **Technical specifications**

Supply Capability ............... 30.000 - 36.000 piece / 1 Month (Average)

Cam System ...... Single carriage, single system, tuck knitting and plain knitting.

Jacks on the front rear, capable knitting square mini jacquard and line etc.

Gauge ...... 7G, 10G, 12G, 14G, 16G

Knitting Width ...... 60" 80" inch

Knitting Speed ...... Max 1.2m/s depending on knitting wide and knitting material

Racking ...... Max 2" inch

Roller ...... D/C motor control, 2 speed options

Automatic Intervention ...: Yarn break, know, yarn loose, reverse rolling, fabric drop, needle break, floating knit,

motor overload

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 2720 x 1880 x 900 mm

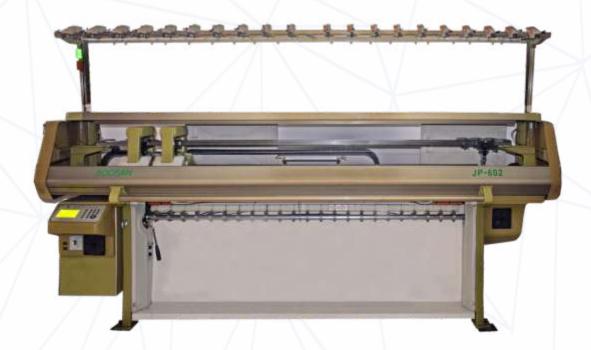
Weight ...... 690 kg / 800 kg







# Mini Jacquard Collar Machine







#### Computer control system

The machine is computer OS is specially designed by the Boosan engineer. Boosan has making years of effort to upgrade the OS to be more user-friendly and more stable than ever before. There is an USB socket under the control keyboard, the user can store a lot of knitting designs to a external disk.



#### The carriage slide system

24 bearing structure design enables a durable life for the carriage



Precision carriage

New carriage is firmer and lighter than ever before



Varn foodor

The yarn feeders are made of special steel which effectly reduce yarn broken and help the yarn to finish loop smothl

### **Technical specifications**

Product Name ...... Mini Jacquard Collar Machine

Cam System ...... Single carriage, single system, tuck knitting and plain knitting.

Jacks on the front rear, capable knitting square mini jacquard and line etc.

Feeder...... Two side interchangeable feeders, 6 colors

Stitch Density ...... 0 ~ 99 divisions by computer program control

Knitting Width ...... 60" 80" inch

Knitting Speed ...... Max1.2m/s depending on knitting wide and knitting material

Racking ...... Max 2" inch

Control System ...... The carriage is driven and controlled by the Boosan operating system

Automatic Intervention ...: Yarn break, know, yarn loose, reverse rolling, fabric drop, needle break, floating knit,

motor overload

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 2720 x 1880 x 850 mm

Weight ...... 694 kg / 793 kg



# Single Head Mini Jacquard Collar Machine







#### Computer control system

The machine is computer OS is specially designed by the Boosan engineer. Boosan has making years of effort to upgrade the OS to be more user-friendly and more stable than ever before. There is an USB socket under the control keyboard, the user can store a lot of knitting designs to a external disk.



#### The carriage slide system

24 bearing structure design enables a durable life for the carriage



Precision carriage

New carriage is firmer and lighter than ever before



#### Varn foodor

The yarn feeders are made of special steel which effectly reduce yarn broken and help the yarn to finish loop smothl

### **Technical specifications**

Product Name ...... Single Head Mini Jacquard Collar Machine

Production Capacity ......: 600 - 700 piece / 1 Day (Average)

Cam System ...... Single carriage, single system, tuck knitting and plain knitting.

Jacks on the front rear bed, capable knitting square mini jacquard and line etc.

Feeder...... Two side interchangeable feeders, 6 colors

Stitch Density ......  $0 \sim 99$  divisions by computer program control

Knitting Width ...... 42" 52" inch

Knitting Speed ...... Max 1.2m/s depending on knitting wide and knitting material

Racking ...... Max 2" inch

Control System ...... The carriage is driven and controlled by the Boosan operating system

Automatic Intervention ...: Yarn break, knot, yarn loose, reverse rolling, fabric drop, needle break, floating knit,

motor overload

Power ...... 220V single phs or 380V 3 phs

Dimensions ...... 1900 x 1880 x 850 mm

Weight ...... 469 kg



### Computerized Flat Knitting Collar Machine (1+1)

### JP-501

### Computerized Single Head Flat Knitting Collar Machine







**Computer control system**The machine is computer OS is specially designed by the Boosan engineer. Boosan has making years of effort to upgrade the OS to be more user-friendly and more stable than ever before. There is an USB socket under the control keyboard, the user can store a lot of knitting designs to a external disk.



### Computer control system

The machine is computer OS is specially designed by the Boosan engineer. Boosan has making years of effort to upgrade the OS to be more user-friendly and more stable than ever before. There is an USB socket under the control keyboard, the user can store a lot of knitting designs to a external disk.





Precision carriage

New carriage is firmer and lighter than ever before.



Precision carriage

New carriage is firmer and lighter than ever before



The carriage slide system

24 bearing structure design enables a durable life for the carriage.



#### The carriage slide system

24 bearing structure design enables a durable life for the carriage.



Yarn feeder

The yarn feeders are made of special steel which effectly reduce yarn broken and help the yarn to finish loop smothl



+1)

# Yarn feeder

The yarn feeders are made of special steel which effectly reduce yarn broken and help the yarn to finish loop smothl



### JP - 502 Technical specifications

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Product Name	Computerized Flat Knitting Collar Machine (1
Production Capacity:	1.000 - 1.200 piece / 1 Day (Average)
Supply Capability	30.000 - 36.000 piece / 1 Month (Average)
Cam System	Single carriage, single system, tuck knitting and plain knitting
Feeder:	Two side interchangeable feeders, 6 colors
Stitch Density	0 ~ 99 divisions by computer program control
Gauge:	7G, 9G, 10G, 12G, 14G, 16G, 18G
Knitting Width	68" 80" 100" inch
Knitting Speed:	Max 1.2m/s depending on knitting wide and knitting material
Racking	
Roller	D/C motor control, 2 speed options
Control System:	The carriage is driven and controled by the Boosan operating system
Automatic Intervention:	Yarn break, knot, yarn loose, reverse rolling, fabric drop, needle break, floating knit, motor overload
Power:	220V single phs or 380V 3 phs
Dimensions	2990 x 1880 x 790 mm
Weight	702 kg / 750 kg / 939 kg

### JP - 501 Technical specifications

JF - JUT TECHNICAL	Specifications
Product Name	Computerized Single Head Flat Knitting
Production Capacity:	600 - 700 piece / 1 Day (Average)
Supply Capability:	18.000 - 21.000 piece / 1 Month (Average)
Cam System:	Single carriage, single system, tuck knitting and plain knittin
Feeder:	Two side interchangeable feeders, 6 colors
Stitch Density:	$0 \sim 99$ divisions by computer program control
Gauge	7G, 9G, 10G, 12G, 14G, 16G, 18G
Knitting Width	42" 52" 68" 80" 100" inch
Knitting Speed:	Max 1.2m/s depending on knitting wide and knitting material
Racking:	
Roller:	D/C motor control, 2 speed options
Control System:	The carriage is driven and controlled by the Boosan operation system (English, Chinese)
Automatic Intervention:	Yarn break, knot, yarn loose, reverse rolling, fabric drop, needle break, floating knit, motor overload
Power	220V single phs or 380V 3 phs
Dimensions:	2720 x 1880 x 900 mm
Weight	400 kg / 424 kg / 532 kg / 614 kg / 800 kg















# **TEXTILE MACHINERY**

### About Us

Santeks Tekstil Makineleri İth. İhr. Ltd. Şti. started its business in 2003 with the principle "providing world standard products to its customers producing/providing the state of the art/modern technology textile machinery" has become a company elaborating the principle of highest customer satisfaction which provides the best technical services to all textile manufacturers in Turkey from the smallest to the biggest.

Santeks Textile Machinery, which opened its first overseas office in Uzbekistan / Tashkent in 2008, exports to many countries, especially Uzbekistan. It has acquired Boosan brand in 2017. Our efforts to respond the demands from North Africa is going on with our offices opened in Algeria in 2018 and Tunisia in 2019. Since the day it was founded, our company has drawn many textile machinery projects and has established a production line and has become a reliable brand in the countries where it operates.

It continues its operations with the motto "Quality is produced not controlled!".













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**Our Brands** 











