

CATALOGUE

Sock Machine



ITG Group in numbers

+50 years

Of experience in the
Textile Industry

7

National Divisions

**+50 sales
agents**

In Europe, Asia
and the Middle East

**+100
employees**

Worldwide

+10,000

Textile Products

**+2,000
customers**

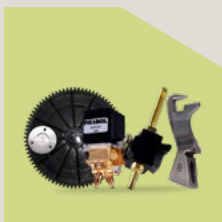
Worldwide

5

Business Lines

Bussines Lines

ITG Group operates in different business lines, which include: spare parts for weaving and circular knitting, textile accessories, and new and semi-new machines for circular knitting and weaving.



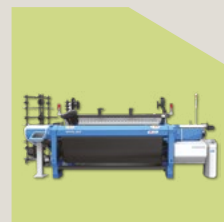
Spare Part &
Accessories For
Weaving



Spare Parts &
Accessories For
Circular Knitting



Buy-Sell Second-Hand
Machinery



Textil
Machinery



Braiding &
High-speed Label
Looms

Weaving Success Together

ITG Group, every thread of our international team always at your service.


Computerized sock knitting machine

Basic parameters	<ol style="list-style-type: none">1. Number of one to multiple incoming lines.2. Cylinder diameter: 3.5 inches / 3.75 inches.3. Pin numbers: 72n-220n.4. RPM: Plain> 350r/min, Terry>280r/min.	
Requirements for critical components	<ol style="list-style-type: none">1. Thoroughness of triangular needle surface shall not be greater than Ra 1.6;2. Hardness of triangular needle running part surface: 60HRC-65HRC.3. Radial of the cylinder and jumpiness of the end plate are both 0.05mm.4. Hosiery machine needles meet the requirements of normal knitting production.	
Mechanical behavior	<ol style="list-style-type: none">1. No abnormal sound and vibration during the operation of the hosiery machine;2. No obvious air leakage and oil leakage in the pneumatic.3. Lubrication system.4. The surface temperature rise of the sinker cover shall not be greater than 50°C.	
Appearance Quality	<ol style="list-style-type: none">1. The exposed parts of various wires and pipelines shall be arranged in order and placed firmly.2. The surface color of similar parts of machine are almost the same; The coating of machine shall be uniform, firm and reliable.	
Computer control system	<ol style="list-style-type: none">1. It can control the normal operation of mechanical devices and has the function of fault alarm.2. It has the corresponding detection function for the operation of the machine.3. When the power supply is interrupted, the system can retain the program and data in execution and system continue to execute the program after the power supply is restored.4. It has the functions of setting, modifying, storing process parameters and transmitting data.5. It has the function of editing and modifying the pattern action chain file.	
Weaving performance	<ol style="list-style-type: none">1. The machine can weave up to 2 way bottom yarn and 1-9 way additional yarn patterns.2. After the debugging of the machine is completed, no less than 12 socks shall be continuously knitted, and the socks shall be free of defects caused by machine, such as missing needles, holes, and broken yarn.3. There is no missing needle at the binding mouth, and no binding thread is exposed on the sock surface.4. The length of adding yarn was trimmed shall be uniform.	
Marking, packing, transportation and storage	<ol style="list-style-type: none">1. The pictorial signs of packaging storage and transportation are composed of graphic symbols, names and outer frames, which can correctly prompt the transportation personnel for storage and transportation.2. The name plate of the hosiery machine is installed in a conspicuous position of the machine, and the content includes the model number of stitches, production date and other elements of the hosiery.3. The stocking machine shall be lifted at the specified position during transportation date and other elements of the hosiery.4. The stocking machine shall be lifted at the specified position during transportation, and the packing box shall be placed in the specified direction.5. After the hosiery machine leaves the factory under the storage conditions of good anti-corrosion, anti-corrosion and ventilation the parts in the packing box are moisture-proof and rust proof, and the validity period is one year.	

I GG Series

GG-618	Invisible socks knitting machine
GG-616	Plain socks knitting machine
GG-606	Terry and plain double use socks knitting machine
GG-622	Double feeder socks knitting machine
GG-608	Selected terry socks knitting machine
GG-628	4.5 Inch terry socks knitting machine
GG-717	7F Plain and terry socks machine
GG Brand	Shoe upper machine

MAIN PARAMETER

Model GG Series	Cylinder diameter 31/4, 33/4, 4, 41/2 Inch		
Needle range 40-200 Needles	Running speed 280-330 RPM		
Cylinder Single Cylinder	Feed One feed/Two feeds		
6 Actuator	Sock body 280-330 RPM		
Sock HEEL 250-280 RPM	13 Side Yarn Shuttles		
8 main Pneumatic Yarn fingers	Automatic Yarn Feeding		
Option function Plain function only socks machine Terry function only socks machine Plain and terry double use function socks machine		Power Option 380V, 3phrase, 50/60HZ 220V, 3phrase, 50/60HZ 415V, 3phrase, 50/60HZ	
Floor Space (L x W x H) 150 X 120 X 240 cm	Package Dimens (L x W x H) 110 X 96 X 160 cm	N.W 300 kgs	G.W 350 kgs

GG-606

Hosiery knitting machine fully computerized

Product specifications

Product	Plain and terry hosiery knitting machine
Model	GG-606
Cylinder diameter	3.75"
Speed	280 RPM
Voltage	380V, 3 Phases, 50HZ
Power	Servomotor: 1 KW Suction motor: 1.5 KW Control box: 0.6kw
Gross weight	350 kgs
Packaging	1100 x 760 x 1600 mm (L x W x H)



GG-6F607

Fully computerized dual invisable sock knitting machine

Product specifications

Product	Plain and Terry Sock Knitting machine with invisible sock function
Model	KJ-6F607
Needles	84N to 168N
Cylinder diameter	3.75"
Speed	280 RPM
Voltage	380V, 3 Phases, 50HZ
Power	Servomotor: 1 KW Suction motor: 1.5 KW Control box: 0.6kw
Gross weight	350 kgs
Packaging	1100 x 760 x 1600 mm (L x W x H)



GG-6F617X

**Full Automatic Intelligent Woven
Sewing machine.**

Product specifications

Barrel Diameter	3" 3/4	
Needle Number	-96 -168 Needles	
Maximun Speed	<ul style="list-style-type: none"> • High speed plain weave cover 350 RPM • Sandwich high speed terry general health pattern cover 300 RPM 	
Distance Between Needles	-6.5 -14 grades	
Active feeding system:	Eight independent pneumatic shuttles	
	Pattern color shuttle	6F 5 Groups 13 colors
		7F 6 Groups 15 colors
Introduction of functions	<ul style="list-style-type: none"> • Single line entry: 5 colors yarn jacquard. • 1 rubber shuttle (2 options): 5 colors in the same course + background/mesh/elastic. • High heels, big heels, small heels, left and right feet. 180° anti shock mouth. One-time boat socks, two-color socks, bottom of socks, two-color bottom line. • Three small three-dimensional socks. • Terry pattern: automatically align the heads with a separate device.* 	
Optional accesories	<ul style="list-style-type: none"> • Yarn tension sensor. • Electronic short-circuit sensor. • Yarn conveyor. • Independent stepping motorized yarn lift flower cut yarn control functions. • Functional creel. 	



* Machine shown on page 9

GG-6F616P

Full Automatic Intelligent Woven Sewing Machine

Product specifications

Barrel Diameter	3" 3/4	
Needle Number	-96 -200 Needles	
Maximun Speed	<ul style="list-style-type: none">• High speed plain weave cover 350 RPM• Sandwich high speed terry general health pattern cover 300 RPM	
Distance Between Needles	-6.5 -14 grades	
Active feeding system:	Eight independent pneumatic shuttles	
	Pattern color shuttle	6F 5 Groups 13 colors
		7F 6 Groups 15 colors
Introduction of functions	<ul style="list-style-type: none">• Single line entry: 5 colors yarn jacquard.• 1 rubber shuttle (2 options): 5 colors in the same course + background/mesh/elastic.• High heels, big heels, small heels, left and right feet. 180° anti shock mouth. One-time boat socks, two-color socks, bottom of socks, two-color bottom line.• Three small three-dimensional socks.• Terry pattern: automatically align the heads with a separate device.*	
Optional accesories	<ul style="list-style-type: none">• Yarn tension sensor.• Electronic short-circuit sensor.• Yarn conveyor.• Independent stepping motorized yarn lift flower cut yarn control functions.• Functional creel.	



* Machine shown on page 9

Automatic Toe Linking



ITG GROUP DIVISIONS

ITG Argentina - Quilmes

I.T.G. S.R.L.
Avenida La Plata N° 2986,
Quilmes, Buenos Aires,
Argentina.
Tel: 0054 11 4200 3391
ar.comercial@group-itg.com

ITG Argentina - Lujan

I.T.G. S.R.L.
Tropero Moreira N° 443, Lujan,
Buenos Aires, Argentina.
Tel: 0054 11 31783223
0054 2323 597005
ar.comercial@group-itg.com

ITG Brazil - São Paulo

Giamminola do Brasil Ltda.
Rua Sergipe, 45 Jardim Colina
Americana, SP – Brazil
CEP 13478-295
Tel: +55 (19) 3478-8844
br.comercial@group-itg.com

ITG Brazil - Sta Catarina

Giamminola do Brasil Ltda.
Rua Ludovico Merico, 120
Dom Joaquim Brusque,
SC - Brazil. CEP 88359-240
Tel: +55 (47) 3350-6683
br.comercial@group-itg.com

ITG China

Giamminola Shanghai Co. Ltd.
Room 101, Block C2
6000 Shenzhuangong Rd.
Songjiang District – Shanghai
201619 - China
Tel: +86 (21) 67855000
cn.sales@group-itg.com

ITG Italia

Giorgio Giamminola & C. Srl
Via Cantoniga 11
22100 Como
Italy
Tel: +39 (031) 507979
it.info@group-itg.com

ITG Mexico - Puebla

ITG México S.A. de C.V.
Calle Malintzi 111.
Colonia Malintzi 72210 Puebla,
Pue. México
Tel: +52 (22) 222 23003
mx.comercial@group-itg.com

ITG Mexico - Bajío

ITG México S.A. de C.V.
Calle Aldama 804 Col.
Cuauhtemoc Centro C.P. 36310
San Francisco del Rincón, Gto.
Tel: +52 476 587 7493
mx.comercial@group-itg.com

ITG Perú

ITG Group Perú Division S.A.C.
Calle Pumacurco 277 - Dpto 3
San Miguel, Lima Perú.
Tel: +51 (1) 4642063
administracion@nuevaitgperu.com

ITG Colombia

ITG Colombia S.A.S.
Carrera 49 N. 61 Sur 68 L-102
Av. Regional - Centro Ejecutivo
Sabana – Sabaneta Antioquia
Colombia
Tel: +57 60 4 4445240
co.gerencia@group-itg.com



ITALCOLORE S.A.

Av. Flandes 1272 - Parque
Industrial Villa Flandria - Jáuregui
Luján - Pcia. de Bs. As. Argentina
Tel: +54 (02323) 497171
info@italcolore.com.ar



FILOTEX S.R.L.

Av. La Plata 2986, Quilmes
Oeste B1878FLQ
Buenos Aires, Argentina
Tel: +54 (11) 42003391
info@itgargentina.com.ar



ITG Energía S.A. de C.V.

Calle Malintzi 111
Colonia Malintzi 72210
Puebla, Pue. México
Tel: +52 (22) 222 23003 Ext. 110
mx.comercial@group-itg.com
www.itgenergy.com.mx



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CHINA DIVISION

Tel. 021 6785 5000

cn.sales@group-itg.com

www.group-itg.com

Room 101, Block C2 No. 6000 Shenzhuangong
Rd. Songjiang District Shanghai 201619 China.

