

FABRIC MAKE-UP MACHINES

YOUR **DEVELOPMENT**
PARTNER ALWAYS!

SUNTECH INDUSTRIAL (INTERNATIONAL) LIMITED
(PART OF STRENGTH GROUP)

📍 (Office) Room 608, Lianlian Building A, No. 79 Yueda Xiang, Hangzhou, Zhejiang, China
☎ 0086-571-86597552
☎ 0086-571-87295581
✉ sales@suntech-machinery.com
🌐 www.suntech-machinery.com



 **For Dyeing & Finishing Factories**

 Digitization

 Automation

 Intelligence

YOUR *DEVELOPMENT*
PARTNER ALWAYS!

OUR PRODUCTION LINE FAMILY



FABRIC MAKE-UP MACHINES

Automatic solutions for dyeing and finishing plants, including **Camera Inspecting, Rolling, Cutting, Taping, Labeling, Packing, Sorting** and **Stacking**, etc., meet every unique request for your business.



MATERIAL STORAGE & HANDLING EQUIPMENT

Various **Electric Trolleys (Trucks)** with **AC Technology** as well as automatic **Beam Stacker** for warp beam/fabric beams. Turn-key project to optimize the production process for your modern weaving mill.



SPECIAL RAPIER LOOM

Special Rapier Loom for **fiberglass and carbon fiber**, particularly applied in aerospace, automotive, construction, environmental energy and other high-value industries.



NONWOVEN MACHINES

SUNTECH **Patent Technology STair** enables to steadily produce premium nonwovens at high speed, satisfying the high demand of hygiene and medical industry, which makes you stand out from the market.

27

Production Lines

24

Countries
Global Agent Presence

120+

Export Countries

5000+

Global Customers

17000+

Installed Machines

400000m²

Factory Scale

WHY SUNTECH?



CUSTOMIZED SOLUTIONS

Meet Your Special Demand in Business



QUALITY CONFIDENCE

Strict Quality Control, 5S Management, CE Guarantee



HONOR CUSTOMER ZONE

Enjoy the Premium Membership Service



LIFE CYCLE SERVICE

Technical Iteration and Maintenance Plan

An ISO certified and SGS audited company, with CE certificates for EU markets:



ABOUT SUNTECH

Over 50 years experience specialized in textile machinery manufacturing, SUNTECH has deepened in the constant exploration of more digital and automated textile solutions for our customers worldwide. The continuous development and iteration of new technologies and techniques, bring our products to the next level. We embed value creation to our customer. We make every effort to become your development partner always!



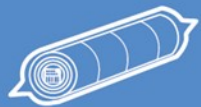
YOUR DEVELOPMENT
PARTNER ALWAYS

* **FABRIC MAKE-UP MACHINES**

MATERIAL STORAGE & HANDLING EQUIPMENTS
SPECIAL RAPIER LOOM
NONWOVEN MACHINES

CONTENTS

Part 1	
PACKING MACHINE	01
Part 2	
INSPECTION MACHINE	09
Part 3	
BATCHING MACHINE	29
Part 4	
FOLDING/SEWING MACHINE	37
Part 5	
SLITTING/CUTTING MACHINE	47
Part 6	
RELAXING MACHINE	59
Part 6	
REVERSING MACHINE	67



Part 1

PACKING MACHINE

03 AUTOMATIC FABRIC
INSPECTION&PACKING LINE

05 **ST-ARPM**
AUTOMATIC FABRIC ROLL PACKING MACHINE

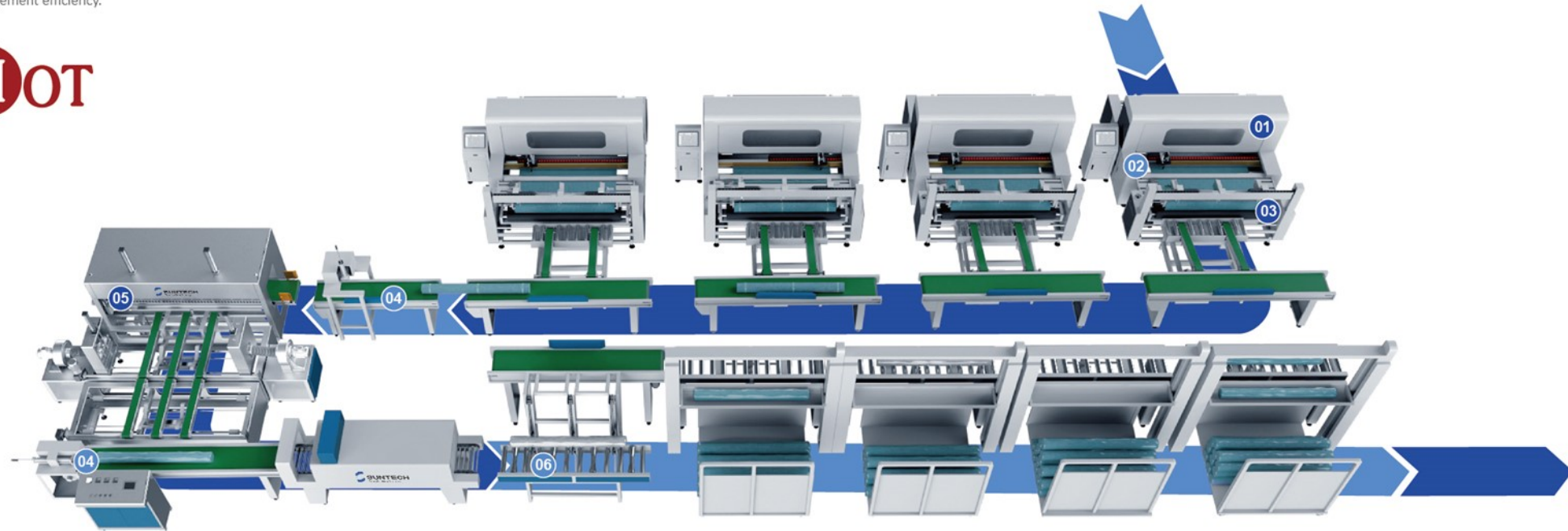
07 **ST-FIPM**
FABRIC INSPECTION AND PACKING MACHINE



AUTOMATIC FABRIC INSPECTION & PACKING LINE

SUNTECH focuses on improving the Automation and Digitization for woven or knitted textile factories, combined with the state of art technology including Camera Inspection, Automatic Sampling, Automatic Cutting, Automatic Labeling, Automatic Taping, Automatic Packing and Sorting, to improve management efficiency.

HOT



PACKING



INSPECTION

ST-ACI AUTOMATIC CAMERA INSPECTION MACHINE

- Camera inspecting, 80m/min
- 0.15mm defect seeking
- Software recording
- 24 Hours working

CUTTING

ST-LC AUTOMATIC LINEAR CUTTER

- Fabric sample will be cut and kept before packing

TAPING

ST-ATM AUTOMATIC TAPING MACHINE

- Three tapes winding, simple and efficient

LABELING

ST-ALM AUTOMATIC LABELING MACHINE

- Label customization
- Data real-time recording

PACKING

ST-ARPM AUTOMATIC FABRIC ROLL PACKING MACHINE

- Capacity 7 rolls/min
- Vacuum packing with PE film
- Optional hot air blowing & punching

SORTING

ST-SCS SMART CLASSIFICATION SYSTEM

- Every roll assigned to different trolley as demand

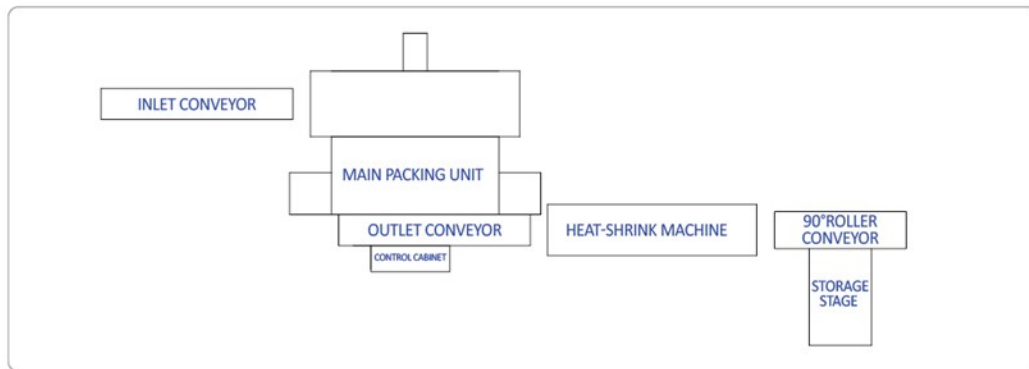
ST-ARPM

AUTOMATIC FABRIC ROLL PACKING MACHINE

Vacuum Packing Effect



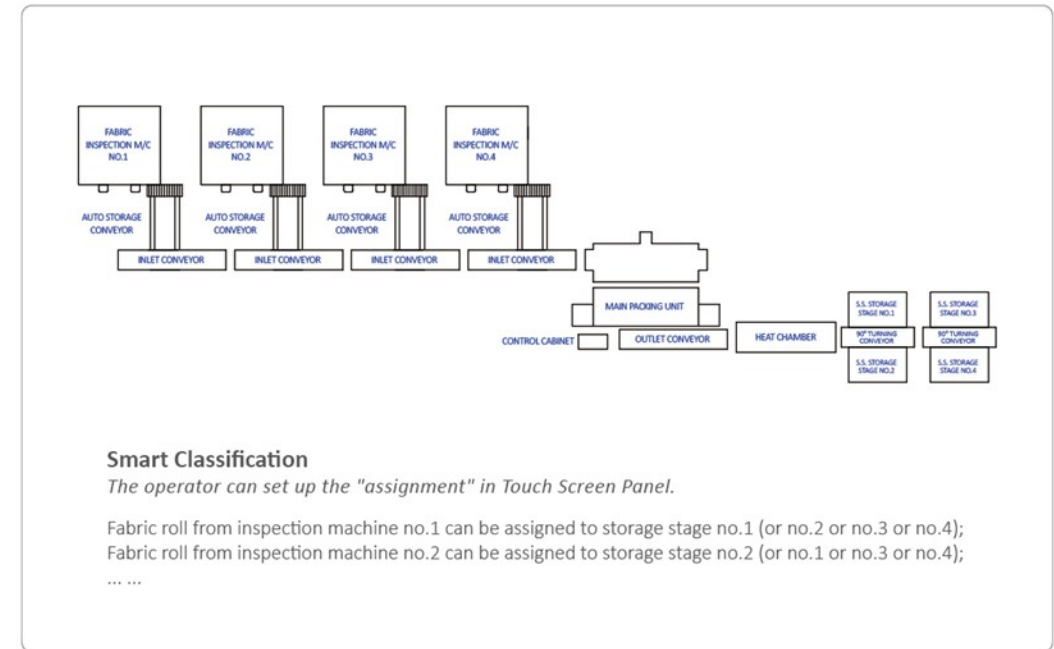
WORKFLOW DIAGRAM



FEATURES

- 1 Fully Automatic, Reduce Labor Force - Only one operator required.
- 2 High Efficiency, Packing Speed Up to 7 rolls/min - ST-ARPM-180I can pack 5-7 rolls/min, around 2400-3360 rolls every eight hours.
- 3 Material Cost Saving than Traditional Plastic Bag - Around 10% cost can be saved.
- 4 Vacuum Packing Effect with PE Film - The ideal thickness of Polythene Film is 60-80 microns.
- 5 Link with Inspection Machine for Online Inspecting and Packing(Optional) - Ideally, 1 set packing system supports max.10 sets fabric inspection machines at the same time.

CUSTOMIZED SOLUTIONS



WITH HOT AIR BLOWING AND PUNCHING DEVICE

Compared with the traditional packing line (with heat chamber), this system is ideal for saving space and power.



TECHNICAL SPECIFICATIONS (FOR STANDARD MODELS ONLY)

Model:	ST-ARPM-180I	ST-ARPM-180II	ST-ARPM-240I	ST-ARPM-240II
Range of Roll Width:	900-1800mm	900-1800mm	1200-2400mm	1200-2400mm
Range of Roll Diameter:	100-400mm	100-600mm	100-400mm	100-600mm
Packing Capacity:	5-7rolls/min	4-6rolls/min	4-6rolls/min	3-5rolls/min
Dimensions(Main Packing Unit):	4180*2500*2190mm	4450*3220*2590mm	4780*2500*2190mm	5050*3220*2590mm
Weight:	1500kgs	1600kgs	1600kgs	1700kgs
Power Consumption:	43kw	43kw	43.5kw	43.5kw
Compressed Air Pressure:	5-7bar	5-7bar	5-7bar	5-7bar

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FIPM

FABRIC INSPECTION AND PACKING MACHINE

ST-FIPM Fabric Inspection and Packing Machine can be applied to inspect various kinds of fabric from tension-sensitive lycra fabric to stable woven, technical and upholstery materials. After inspection, the fabric roll will be cut from mother fabric roll automatically and pushed to the PE Film Packing Machine for width sealing and side hot sealing. It is an automatic line from inspection to packing.

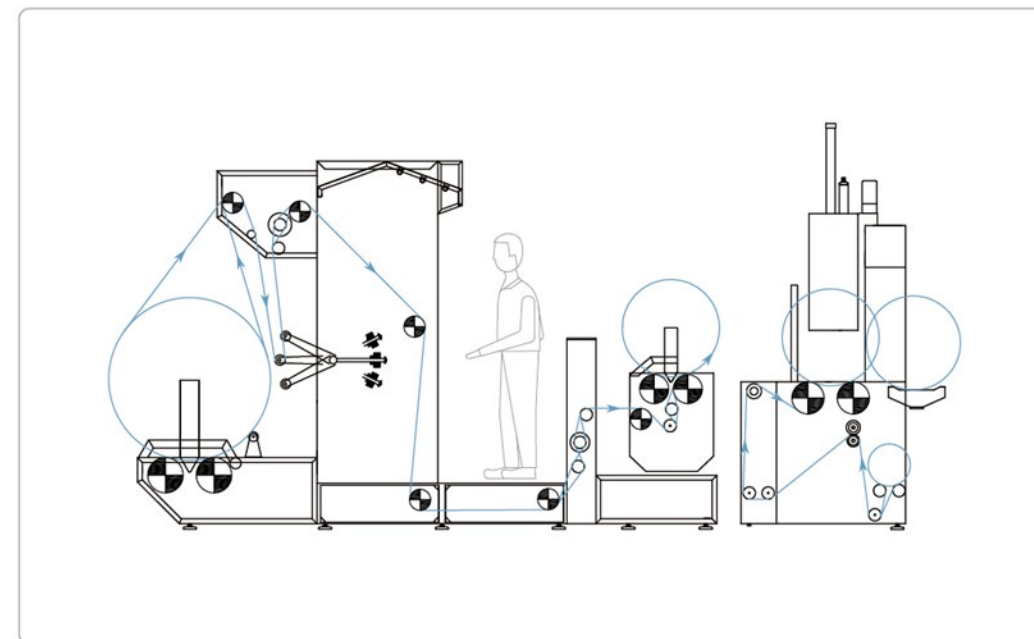
HOT



FEATURES

- 1 Fabric Inspection Device can be customized** - to suit for different kinds of fabric with different fabric inlet presentation, like plait, roll or A-frame.
- 2 Auto Tensionless Checking(Option)** - with unique mechanical and electrical device combination for making fabric speed feeding, delivery and rewinding synchronous.
- 3 Accurate Length Counting(Y/M)** - Counting error $\leq 0.1\text{m/km}$.
- 4 Accurate Edge Controlling** - Edge alignment error $\leq 6\text{mm}$.
- 5 Automatic Fabric End Cutter** - to cut the fabric roll and push it to the packing position.
- 6 Perfect Packing Effect with PE Film** - The ideal thickness of Polythene Film is 60-80 microns.
- 7 The Packing Unit can be used alone as one Semi-automatic Fabric Roll Packing Machine.** - By insufflating the hot air at the both two side of the roll and puckers the PE film, the side edge will be closed well.

WORKFLOW DIAGRAM



PACKING

OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-FIPM
Inspection Speed:	5-40m/min
Standard Roll Diameter:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Packing Speed:	50-60 rolls/hour
Power Consumption:	Around 15kw
Electric Specs:	3Phase-380V;50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.



Part 2

INSPECTION MACHINE

11 ST-ACI

AUTOMATIC CAMERA INSPECTION SYSTEM

13 ST-WFIM

WOVEN FABRIC INSPECTION MACHINE

15 ST-KFIM

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (PLAIT/ROLL/A-FRAME TO ROLL)

17 ST-KFIM-01

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (PLAIT/ROLL TO ROLL)

19 ST-KFIM-02

TUBULAR KNITTED FABRIC SLITTING AND INSPECTION MACHINE (ROLL TO ROLL)

20 ST-KFIM-03

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (PLAIT/ROLL TO PLAIT/ROLL)

21 ST-TFIM

TUBULAR FABRIC INSPECTION MACHINE

23 ST-FIM

UNIVERSAL FABRIC INSPECTION MACHINE

25 ST-TIM-I

TABLE TYPE FABRIC INSPECTION MACHINE

27 ST-HRM

FABRIC ROLLING & MEASURING MACHINE



ST-ACI

AUTOMATIC CAMERA INSPECTION SYSTEM

SUNTECH **Automatic Camera Inspection System** can be applied onto various kinds of Fabric Inspection Machines. It is suitable for a wide range of fabrics, from tension-sensitive lycra fabrics to stable woven. The fabric will be detected by the Camera Inspection System and fabric information is recorded synchronously by the software and the computer, Truly realizing 24-hour unmanned inspecting.

HOT



- 01 - Customized Software
- 02 - Camera Inspection System
- 03 - Automatic Defect Marking System
- 04 - Automatic Linear Fabric End Cutter
- 05 - Automatic Weighing System

FEATURES

- 1 High Intelligence, 24 Hours 100% Attention - Reduce dependence on people and ensure stable production.
- 2 High Efficient, Speed 60m/min - Comparing with manual inspection 10-15m/min, 4 times increased.
- 3 Can Replace 3-5 Inspectors, Greatly Save The Labor Cost - High Precision, Inspection Rate Upto 90%.
- 4 Comparing With Manual Inspection Rate, 30% Increased - Convenient Scalability, ERP/SAP Compatible.

INSPECTION REPORT

OPERATION INTERFACE:



HISTORY DATA:

Roll ID	Style	Response	Time	Length (M)	Width (M)	Code	File Name
111	15172-2	0	16:01:01.00-00:01	212.4	1.00	M	01172013
214	15172-2	0	14:02:01.00-00:01	117.3	1.00	M	01172018
570	15172-2	0	10:02:01.00-00:01	217.6	1.00	M	01172019
570	15172-2	0	08:02:01.00-00:01	208.4	1.00	M	01172020
570	15172-2	0	06:02:01.00-00:01	208.2	1.00	M	01172021
570	15172-2	0	04:02:01.00-00:01	244.8	1.00	M	01172024
118	12-056	0	16:01:01.00-00:01	246.3	1.00	M	01171313

DIFFERENT PARAMETER WHEN DIFFERENT FABRIC TYPE:



REPORT:

Roll Report		Inverted					
Jumbo roll data							
Roll ID:	010202	Length(Yard):	4752.3				
Time:	7/27/15 7:18:00-00	Width(Average)(in):	64.4				
Style:	P10-2	Number of Defects:	1402				
Inspector:	43032	Points per 100(Yard):	150 (150)				
Major per 100(Yard):	0 (0)						
No.	V(Yard)	Length (in)	X(in)	Defect Type	Points	Width (in)	Code
1	0.0	7 1/4	32 1/4	vert	2	1 1/4	*
2	1.0	2 1/4	38 1/4	vert	2	1 1/4	*
3	2.0	2	38 1/4	vert	2	1 1/4	*
4	4.3	1 1/4	38 1/4	vert	2	1 1/4	*
5	6.0	0-1/4	19	S. Spot	1	0-1/4	*
6	6.5	0-1/4	0-1/4	width	0	0 1/4	*
7	7.5			vert	2		*
	8.5						

PHYSICAL PICTURES



- Input and output signals X-interface Box, decoder, power modul
- PC online: Monitor and the Host
- LED: Reflected LED Light
- Encoder: 6000 pulse
- Camera: len:5.4mm,1280pixels; 128 horizontal lines from image

TECHNICAL SPECIFICATIONS

Model:	ST-ACI
Speed:	≤60m/min
Fabric Width:	Customized
Fabric Color:	Single Color
Inspection Rate:	90%
Min Defect Size:	≤0.15mm

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-WFIM

WOVEN FABRIC INSPECTION MACHINE

ST-WFIM is suitable for a wide range of woven materials, including denim fabrics.



ST-WFIM
(Especially for Textile Factory)

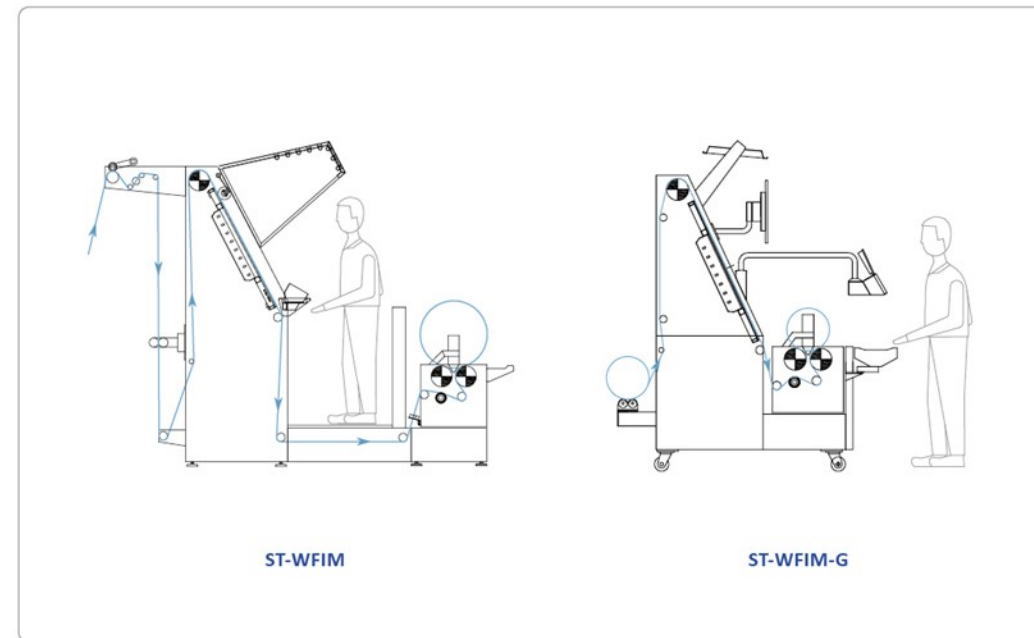


ST-WFIM-G
(Especially for Garment Factory)

FEATURES

- 1 End of Fabric Roll Stop Sensor** - Allow for next roll joining, continuously from one piece of fabric to next.
- 2 Full Width Fabric inspection** - With 30 degree fixed inspection screen.
- 3 Accurate Length Counting(Y/M)** - Counting error $\leq 0.1\text{m/km}$.
- 4 Accurate Fabric Edge Controlling** - Edge alignment error $\leq 6\text{mm}$.
- 5 Consistent Roll Output** - Roll hardness adjustable.
- 6 Available for different Fabric Input and Output Presentation**, like plait to roll, roll to roll etc.- Synchronize with other production operations.
- 7 Selvedge Shifting Device(Optional)** - Ideal for Thick/Sulzer Selvedges.

WORKFLOW DIAGRAM



ST-WFIM

ST-WFIM-G

OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-WFIM	ST-WFIM-G
Speed:	5-60m/min	5-60m/min
Fabric Width:	1.8-4.0 meters	1.8-4.0 meters
Standard Roll Diameter:	500mm	300mm
Dimensions(L*W*H):	3050*2630*2430mm (For model ST-WFIM-180 only)	2350*2050*2350mm (for model ST-WFIM-G-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)	

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-KFIM

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (IDEAL FOR TENSIONLESS CHECKING)

ST-KFIM is suitable for a wide range of fabrics, from tension-sensitive lycra fabrics to stable woven, technical and upholstery materials, especially designed for A-frame entry with Conveyor Belt System.

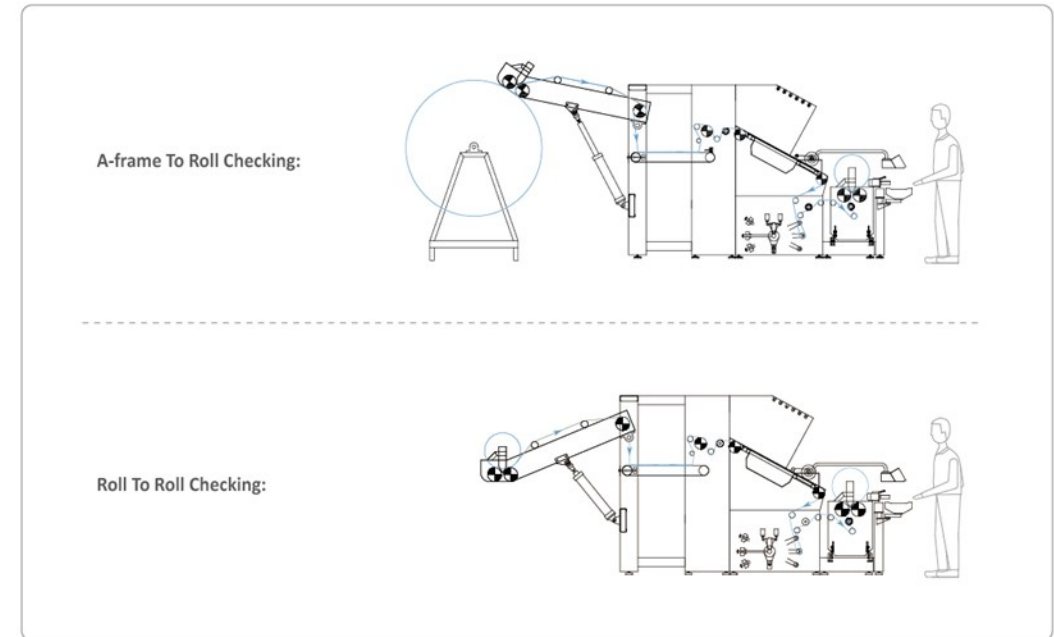
HOT



FEATURES

- 1 Auto Tensionless Checking** - With unique mechanical and electrical device combination for making fabric feeding, delivery and rewinding synchronous.
- 2 Full Width Fabric Inspection** - With 60 degree fixed angle inspection screen.
- 3 Curled Edges Controlling** - With scroll roller system and decurling system for perfect roll generation.
- 4 Accurate Length Counting(Y/M)** - Counting error $\leq 0.1\text{m/km}$.
- 5 Accurate Fabric Edge Controlling** - Edge alignment error $\leq 6\text{mm}$.
- 6 Consistent Roll Output** - Roll hardness adjustable.
- 7 Available for different Fabric Input and Output Presentation** especially designed for A-frame to Roll Checking, Roll to Roll Checking, etc. - Synchronize with other production operations.

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-KFIM
Speed:	5-40m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	4300*2700*2000mm(For model ST-KFIM-220 only)
Weight:	1350kgs(For model ST-KFIM-220 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-KFIM-01

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (IDEAL FOR TENSIONLESS CHECKING)

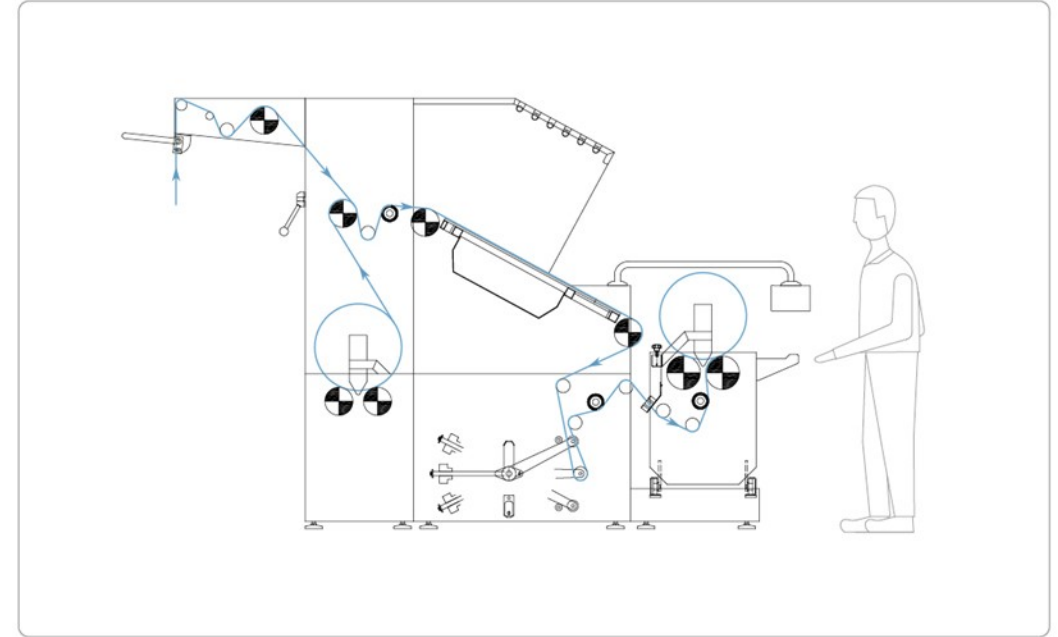
ST-KFIM-01 is suitable for a wide range of fabrics, from tension-sensitive lycra fabrics to stable woven, technical and upholstery materials.



► FEATURES

- 1 Auto Tensionless Checking** - With unique mechanical and electrical device combination for making fabric feeding, delivery and rewinding synchronous.
- 2 Full Width Fabric Inspection** - With 60 degree fixed angle inspection screen.
- 3 Curled Edges Controlling** - With scroll roller system and decurling system for perfect roll generation.
- 4 Accurate Length Counting(Y/M)** - Counting error $\leq 0.1\text{m/km}$.
- 5 Accurate Fabric Edge Controlling** - Edge alignment error $\leq 6\text{mm}$.
- 6 Consistent Roll Output** - Roll hardness adjustable.
- 7 Available for different Fabric Input and Output Presentation** like plait to roll, roll to roll etc.- Synchronize with other production operations.

► WORKFLOW DIAGRAM



INSPECTING

► OPTIONS



► TECHNICAL SPECIFICATIONS

Model:	ST-KFIM-01
Speed:	5-54m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	3300*2900*2000mm(For model ST-KFIM-01-240 only)
Weight:	1200kgs(For model ST-KFIM-01-240 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

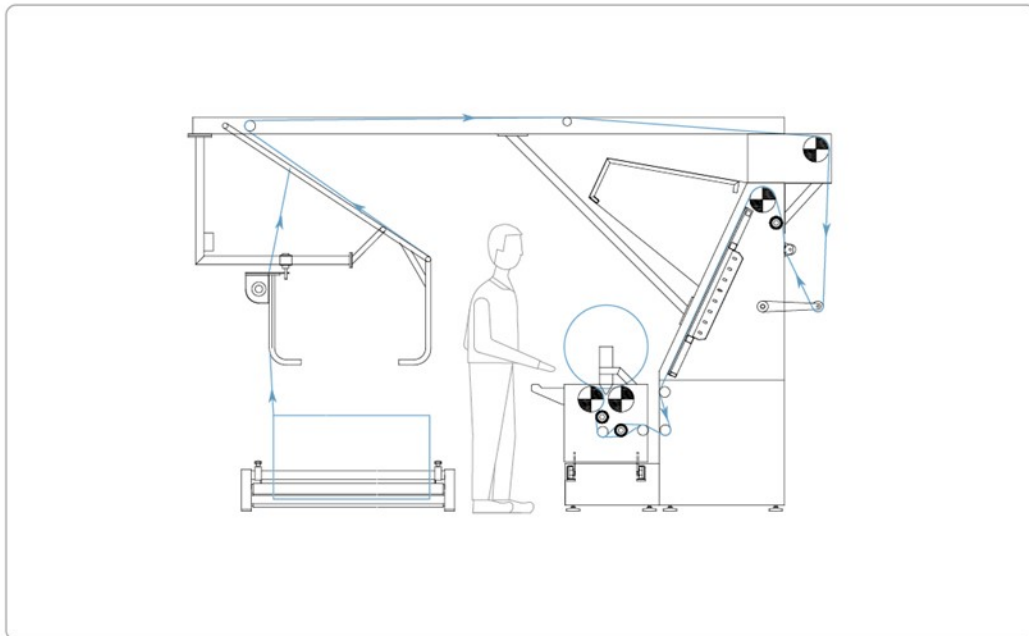
ST-KFIM-02

GRAY FABRIC SLITTING & INSPECTION MACHINE

ST-KFIM-02 suitable for knitted fabrics, input from tubular fabrics and output to open width knitted fabric in rolls.



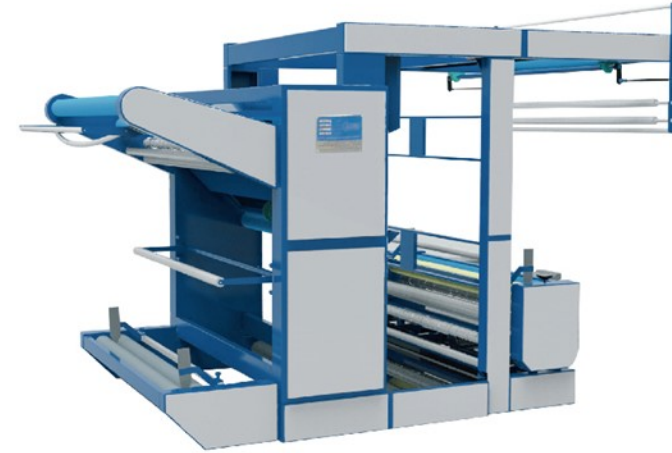
WORKFLOW DIAGRAM



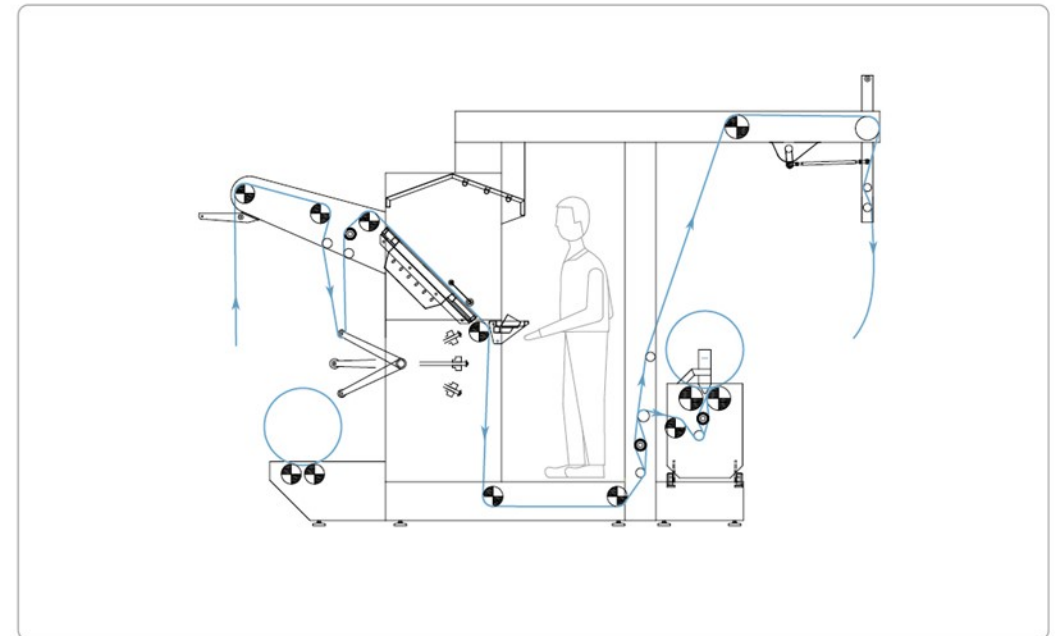
ST-KFIM-03

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE (ROLL/PLAIT TO ROLL/PLAIT)

ST-KFIM-03 suitable for knitted fabrics with versatile fabric input and output forms, especially for tensionlessly checking fabrics from roll/plait to roll/plait.



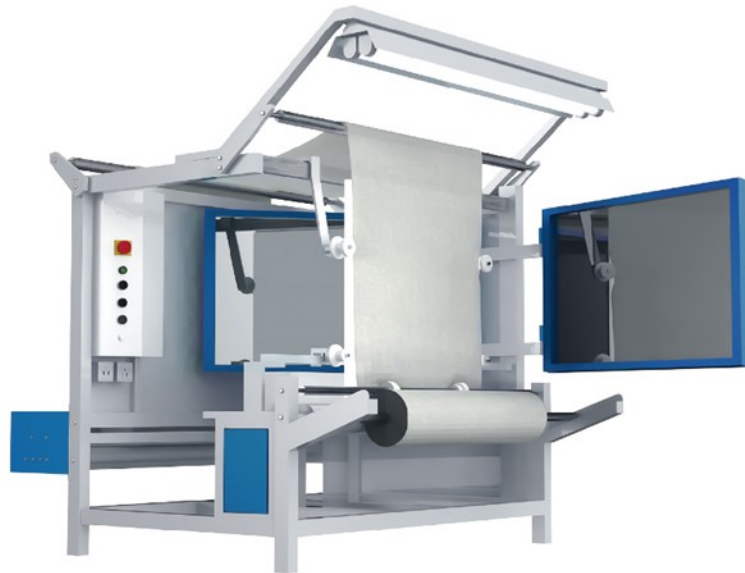
WORKFLOW DIAGRAM



ST-TFIM

TUBULAR FABRIC INSPECTION MACHINE

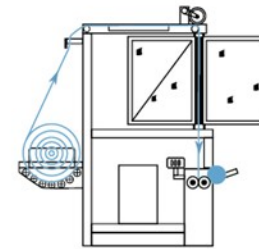
ST-TFIM is specially designed for easily and efficiently inspect the both sides of tubular fabric in single pass operation. The fabric is loaded and pass to the fabric checking light box, through two mirrors, the operator can easily check both sides of fabric. This machine can be supplied to operate fabrics from roll to roll or plait; or with various other fabric inlet and outlet options.



WORKFLOW DIAGRAM

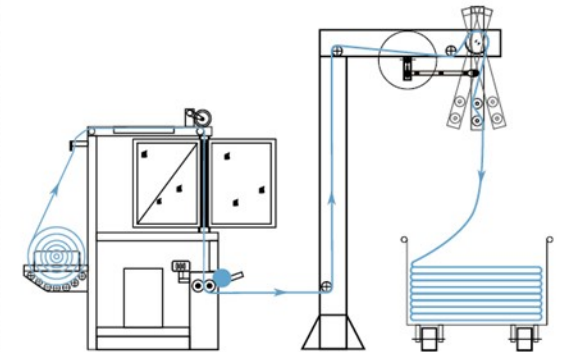
OPTION 1:

Suitable For Tubular Fabric From Roll To Roll.



OPTION 2:

Suitable For Tubular Fabric From Roll To Roll/Plait.



FEATURES

- 1 Roll Cradle** - With upper delivery mode lessen fabric tension and more convenient for inspection.
- 2 The inspection speed is controlled by inverter as requirement.**
- 3 High Voltage Dispenser** - For lightening system-special device provides electricity power to the Fabric Checking Box wireless.
- 4 Multi-size Inspection Lightening Cabinets from Width 16"-50"for Requirements of Various Fabric.** - This special box installed magnetic block in the bottom to suspension automatically against the roller to eliminate crease marks to fabric.
- 5 Easy Operation Panel** - Only few push buttons to run the machine smoothly.
- 6 Remote Foot Pedal for convenient operation.**

TECHNICAL SPECIFICATIONS

Model:	ST-TFIM
Speed:	0-50m/min
Fabric Width:	400-1250mm
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	2300*1700*2070mm
Weight:	800kgs
Electric Specs:	1Phase- 220V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FIM

UNIVERSAL FABRIC INSPECTION MACHINE (IDEAL FOR KNITTED FABRIC ALSO)

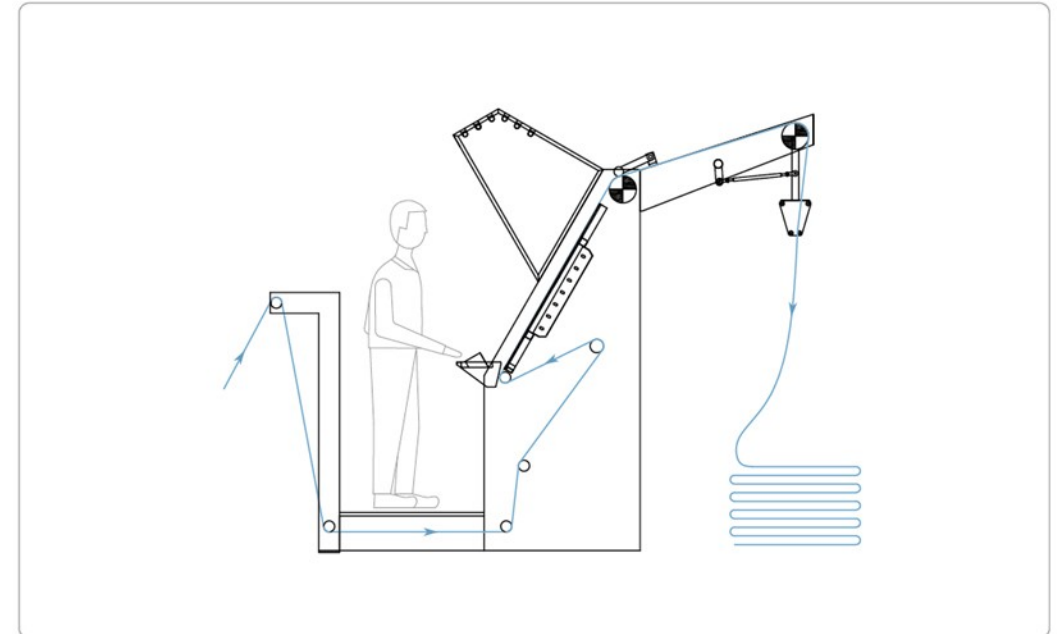
ST-FIM is suitable for a wide range of fabrics, from tension-sensitive lycra fabrics to stable woven, technical and upholstery materials.



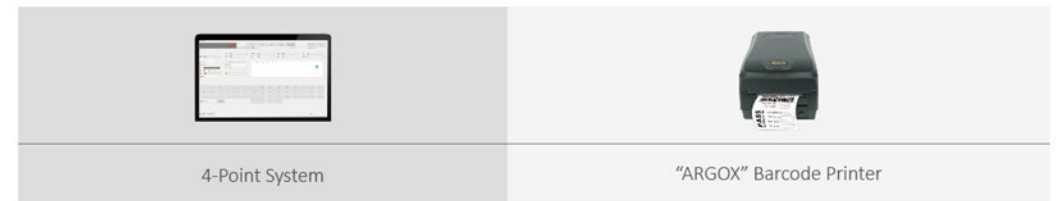
FEATURES

- 1 End of Fabric Roll Stop Sensor** - Allow for next roll joining, continuously from one piece of fabric to next.
- 2 Full Width Fabric Inspection** - With 30 degree fixed angle inspection screen.
- 3 Accurate Length Counting(Y/M)** - Counting error ≤ 0.1 m/km.
- 4 Available for different Fabric Input and Output Presentation**, like plait to plait, roll to plait etc.- Synchronize with other production operations.

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-FIM
Speed:	0-40m/min
Fabric Width:	1.8-4.0 meters
Dimensions(L*W*H):	2500*3500*2750mm(For model ST-FIM-180 only)
Weight:	800kgs(For model ST-FIM-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-TIM-I

TABLE TYPE FABRIC INSPECTION MACHINE

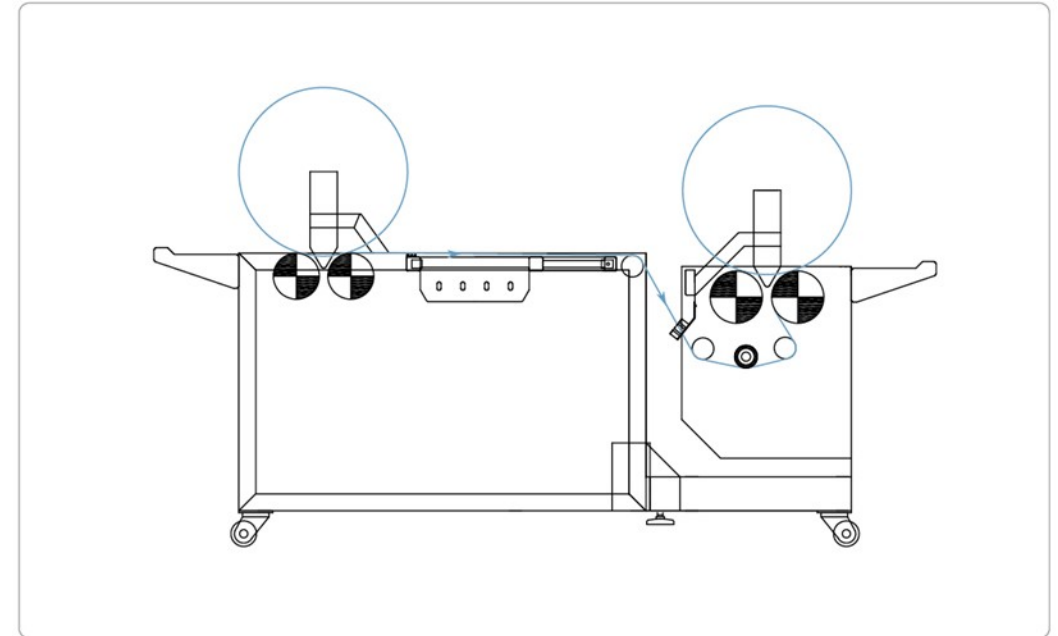
ST-TIM-I is especially suitable for tension-sensitive lycra fabric inspection and rolling. Because of the compact structure and good tension control effect, it is widely used in garment factories and fabric dealers.



FEATURES

- 1 Full Width Fabric Inspection - with fixed flat inspection table.
- 2 Active Twin Unwinding Rollers - Motorized feeding the fabric roll without tension.
- 3 Consistent Roll Output - Roll hardness adjustable.
- 4 Accurate Length Counting(Y/M) - Counting error $\leq 0.1\text{m/km}$.
- 5 Accurate Fabric Edge-Controlling - Edge alignment error $\leq 6\text{mm}$.
- 6 Movable Wheel
- 7 Linear Fabric End Cutter(Optional)

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

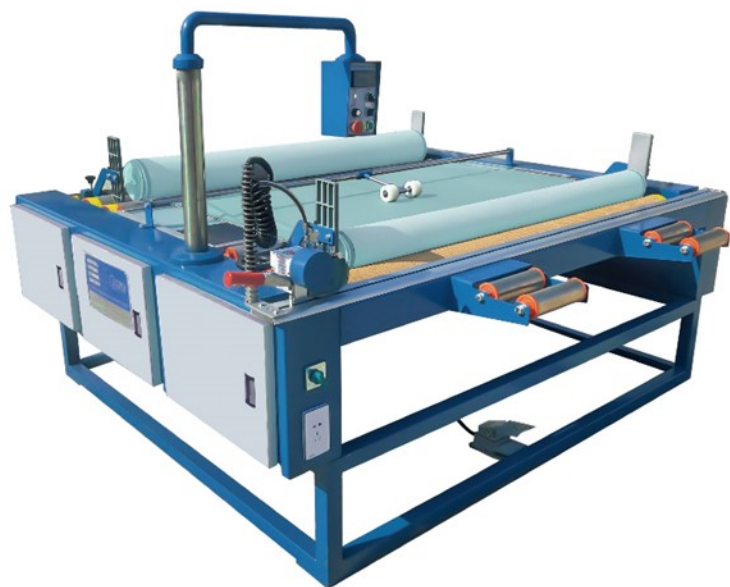
Model:	ST-TIM-I
Speed:	5-60m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	2580*2305*860mm(For model ST-TIM-I-180)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-HRM

FABRIC ROLLING & MEASURING MACHINE (IDEAL FOR GARMENT FACTORY & FABRIC DISTRIBUTOR)

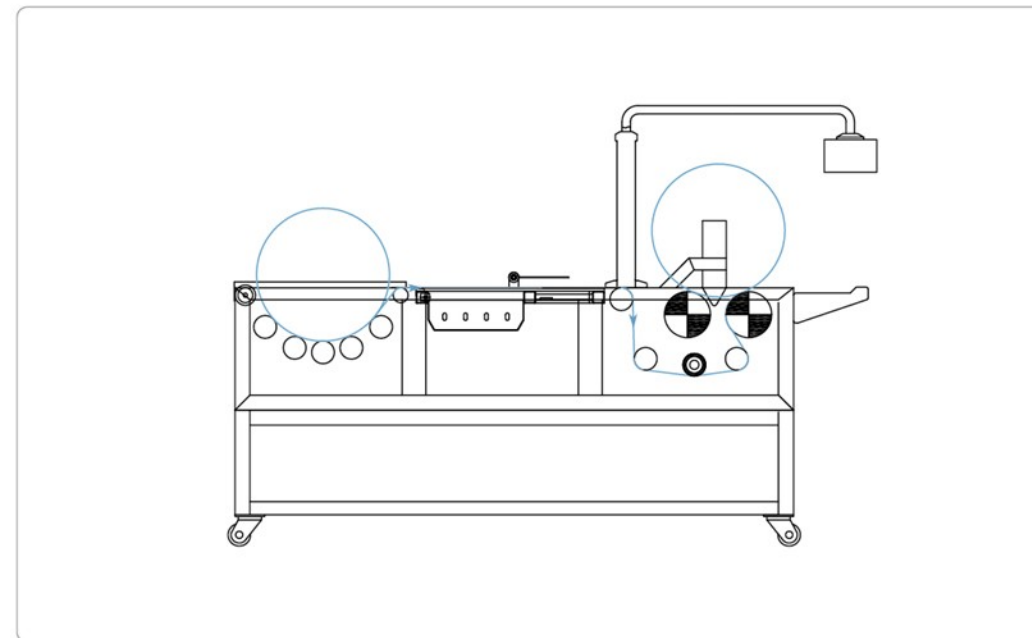
ST-HRM Horizontal Fabric Rolling Machine is used to handle a wide range of rolled fabrics, which is specially designed for garment factory & fabric distributor. This machine can be used for fabric inspection, measuring, rolling and cross cutting purpose.



FEATURES

- 1 Accurate Length Counting(Y/M) - Counting error $\leq 0.1\text{m/km}$.
- 2 Full Width Fabric Inspection - with fixed flat inspection screen.
- 3 Sturdy Roll Cradle for the coming fabric roll unwinding.
- 4 Consistent Roll Output - Roll Hardness adjustable.
- 5 Movable wheels.
- 6 Foot Switch for easy Stop/Start controlling.
- 7 Linear Fabric End Cutter(Optional)

WORKFLOW DIAGRAM



OPTIONS



Automatic Weighing Scale



Linear Fabric End Cutter

TECHNICAL SPECIFICATIONS

Model:	ST-HRM
Speed:	0-90m/min
Fabric Width:	1.6-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	2000*1700*865mm(For model ST-HRM-160 only)
Weight:	600kgs(For model ST-HRM-160 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.



Part 3

BATCHING MACHINE

- 31 ST-BM-01**
BATCHING MACHINE (WITH CENTER DRIVEN SYSTEM)
- 33 ST-BM-02**
BATCHING MACHINE (WITH CENTER DRIVEN SYSTEM)
- 35 ST-BM-03**
BATCHING MACHINE (A-FRAME TO A-FRAME)
- 35 ST-BM-04**
BATCHING MACHINE (BIG ROLL TO SMALL ROLL/BIG ROLL)
- 36 ST-BM-05**
NON-STOP BATCHING MACHINE (PLAITED FABRIC/SMALL ROLL TO A-FRAME)



ST-BM-01

BATCHING MACHINE (WITH CENTER DRIVEN SYSTEM)

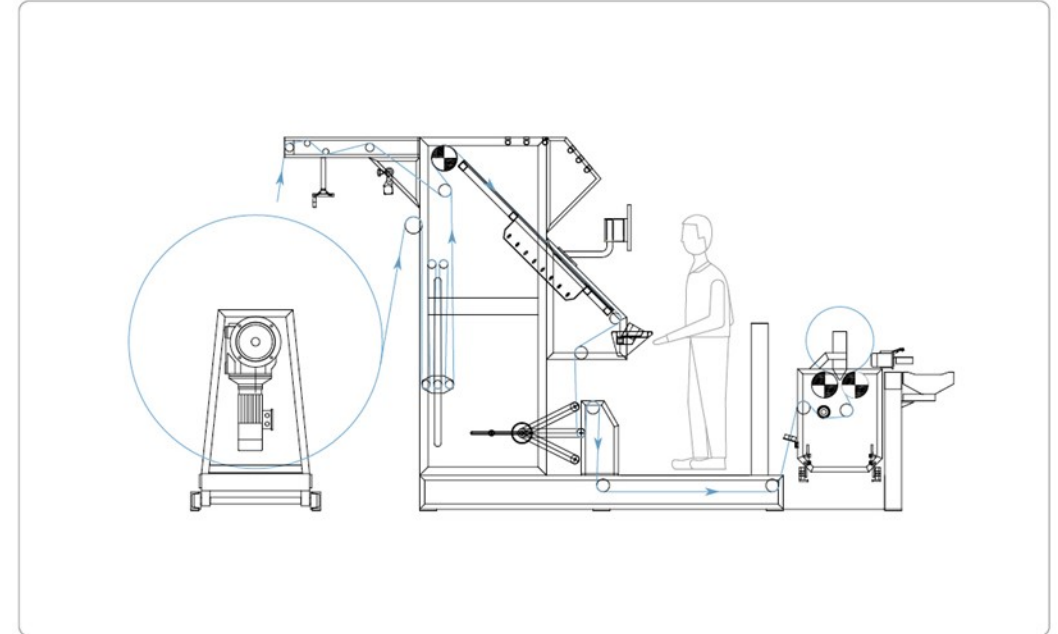
ST-BM-01 is suitable for a wide range of fabrics, especially for continuous process "A" frame batch and re-winding to small rolls. This machine can provide synchronized fabric input or output to "A" frame with constant tension control, with peripheral fabric contact for delicate or heavy duty fabrics.



FEATURES

- 1 Direct Center Driven System for Un-winding** - "A" frame fabric is unwound from non-contact center driven system especially ideal for checking delicate or heavy duty fabrics.
- 2 Auto Tensionless Checking** - Speed is controlled by an adjustable light Roller Accumulator for fabric input & output automatic synchronization.
- 3 Full Width Fabric Inspection** - With 60 degree fixed angle inspection screen.
- 4 Stable Running&Easy Operation** - PLC controlling, Touching Screen operation, simple!
- 5 Accurate Fabric Edge Controlling** - Edge alignment error ≤ 6 mm.
- 6 Accurate Length Counting(Y/M)** - Counting error ≤ 0.1 m/km.
- 7 Consistent Roll Output** - Roll hardness adjustable.
- 8 Pneumatic Roll Ejection Device(Optional)** - Heavy produced rolls can be pushed by the pneumatic cylinder arms so as to save labor power.
- 9 Sampling(Optional)** - Fabric sample can be taken by automatic linear cutter and the rest fabric can be stitched by automatic sewing machine for on going checking.

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-BM-01
Speed:	5-50m/min
Fabric Width:	1.8-4.0 meters
Max.Un-winding Diameter:	1500mm
Max.Re-winding Diameter:	500mm
Dimensions(L*W*H):	4370*2350*2210mm(For ST-BM-01-180 only)
Weight:	1300kgs(For ST-BM-01-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor made to your requirements of processing needs.

ST-BM-02

BATCHING MACHINE (WITH CENTER DRIVEN SYSTEM)

ST-BM-02 is suitable for a wide ranges of fabrics, specially for delicate or heavy duty fabrics. This machine is with center driven system unwinding from A-frame and center driven system rewinding to A-frame. This machine can provide synchronized fabric from input to output with constant tension control.

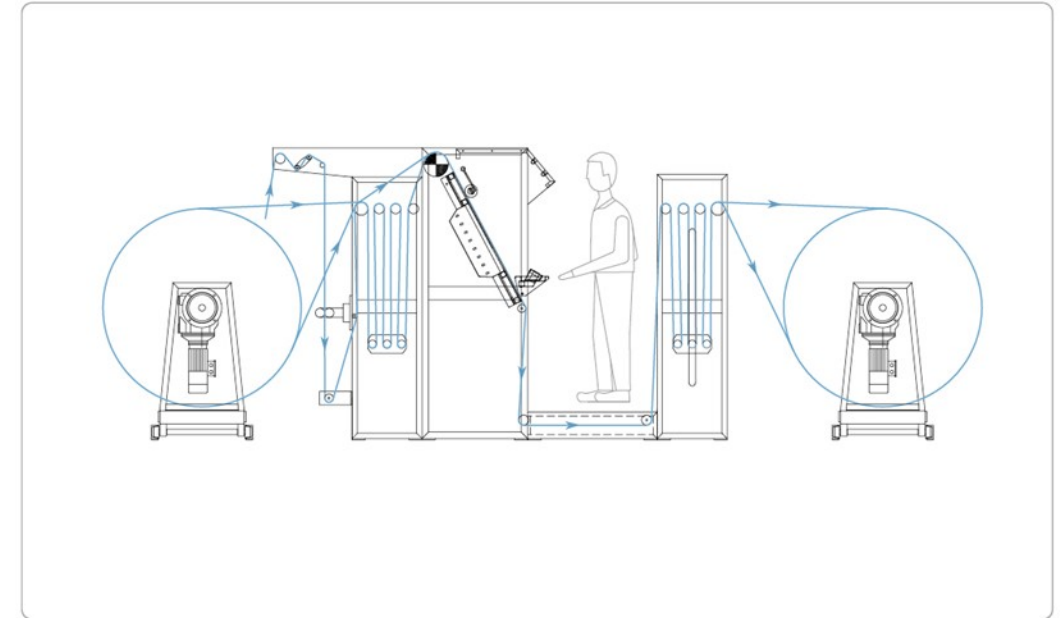
HOT



FEATURES

- 1 Direct Center Driven System for Unwinding and Direct Center Driven System for Rewinding** - "A" frame fabrics is unwinded&rewinded from non-contact center driven system specially ideal for checking delicate or heavy duty fabrics.
- 2 Auto Tensionless Checking** - Speed is controlled by an adjustable light Roller Accumulator for fabric input& output automatic synchronization.
- 3 Full Width Fabric Inspection** - With 60 degree fixed angle inspection screen.
- 4 Stable Running&Easy Operation** - PLC controlling, Touching Screen operation, simple!
- 5 Accurate Fabric Edge Controlling** - Edge alignment error $\leq 10\text{mm}$.
- 6 Accurate Length Counting(Y/M)** - Counting error $\leq 0.1\text{m/km}$. Bow/banana roller to eliminate fabric creases and roll distortions.
- 7 Available for different Fabric Input and Output Presentation** - Synchronize with other production operations.
- 8 Sampling(option)** - Fabric sample can be taken by automatic linear cutter and the rest fabric can be stitched by automatic sewing machine for on going checking.

WORKFLOW DIAGRAM



BATCHING

OPTIONS



TECHNICAL SPECIFICATIONS

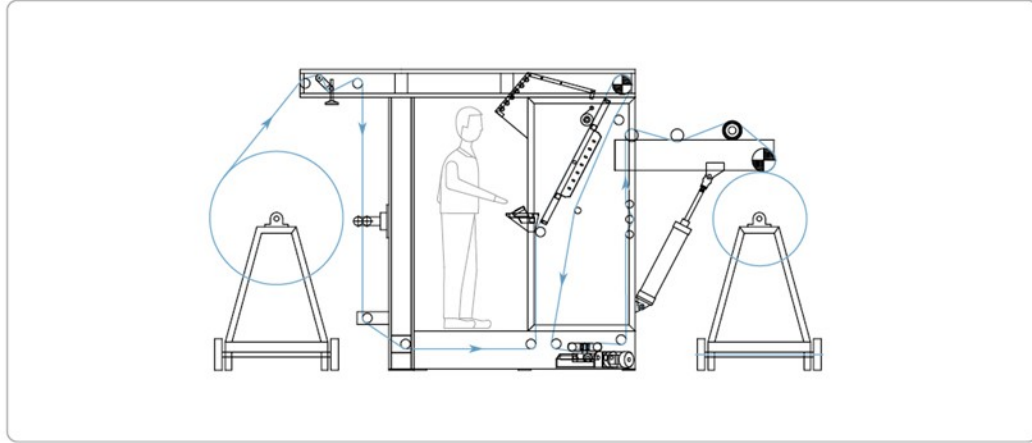
Model:	ST-BM-02
Speed:	5-40m/min
Fabric Width:	1.8-4.0 meters
Max.Un-winding Diameter:	1800mm
Max.Re-winding Diameter:	1800mm
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible.

ST-BM-03

BATCHING MACHINE(A-FRAME TO A-FRAME)

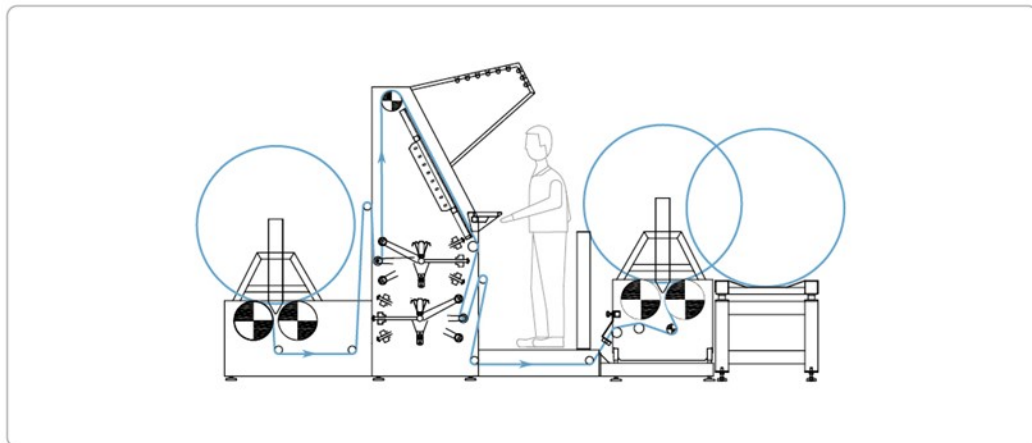
ST-BM-03 is continuous process "A" frame batch and de-batch rolling machine, synchronized fabric input or output to "A" frame with constant tension control, with peripheral fabric contact for delicate or heavy duty fabrics.



ST-BM-04

BATCHING MACHINE(BIG ROLL TO SMALL ROLL/BIG ROLL)

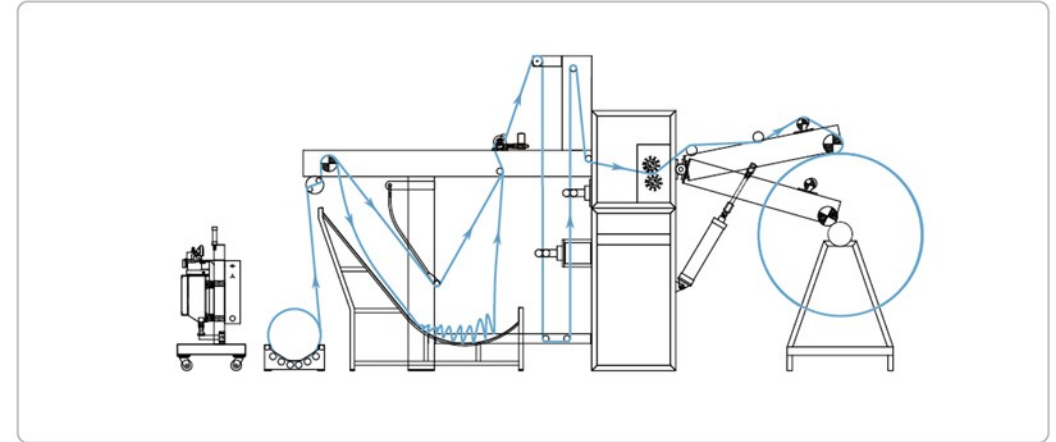
ST-BM-04 is surface winding and re-winding rolling machine for continuous process fabrics from big roll to small roll/ big roll, with constant tension control, ideal for heavy duty fabrics.



ST-BM-05

NON-STOP BATCHING MACHINE (PLAITED FABRIC/SMALL ROLL TO A-FRAME)

ST-BM-05 is continuous process fabrics from plait or small roll to "A" frame with constant tension control, with peripheral fabric contact for finishing processing.



BATCHING

► DETAILS



► FEATURES

- 1 Suitable for continuous A-frame batching with the help of the J-Box. The raw fabric roll is unwinded from plaited or roll cradle.
- 2 Accurate Fabric Edge Controlling by the centering roller.
- 3 Brushing Roller and Sucking Device(Optional)
- 4 Automatic Sewing Device for Fabric End Joining(Optional)



Part 4

FOLDING/SEWING MACHINE

39 ST-DFSM

AUTOMATIC TUBE-SEWING MACHINE

41 ST-DFLM

DOUBLE FOLDING & LAPPING MACHINE
(DOUBLE FOLDED ON PAPER/WOOD BOARD)

43 ST-DFRM

DOUBLE FOLDING & ROLLING MACHINE
(DOUBLE FOLDED ON PAPER TUBE)

45 ST-FPM

FABRIC PRECISION PLAITING MACHINE

46 ST-FPM-I

FABRIC PRECISION PLAITING MACHINE



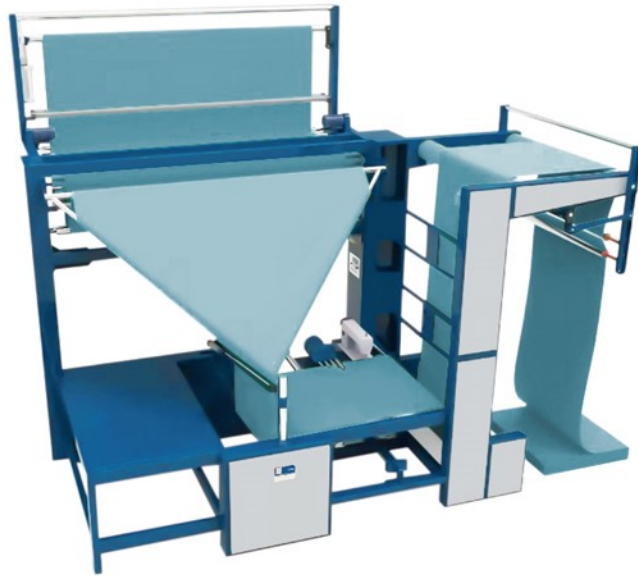
ST-DFSM

AUTOMATIC TUBE-SEWING MACHINE (ESPECIALLY FOR LYCRA AND ELASTOMERIC FABRICS)

ST-DFSM allows the automatization of selvedge sewing operation of knit fabrics for dyeing. Since lycra is increasingly being used in textile industry, a process of heat fixing of the fabric is required before dyeing. For this reason the raw tubular fabric has to be slit open, heat fixed and then sewn in tubular form again to be dyed.



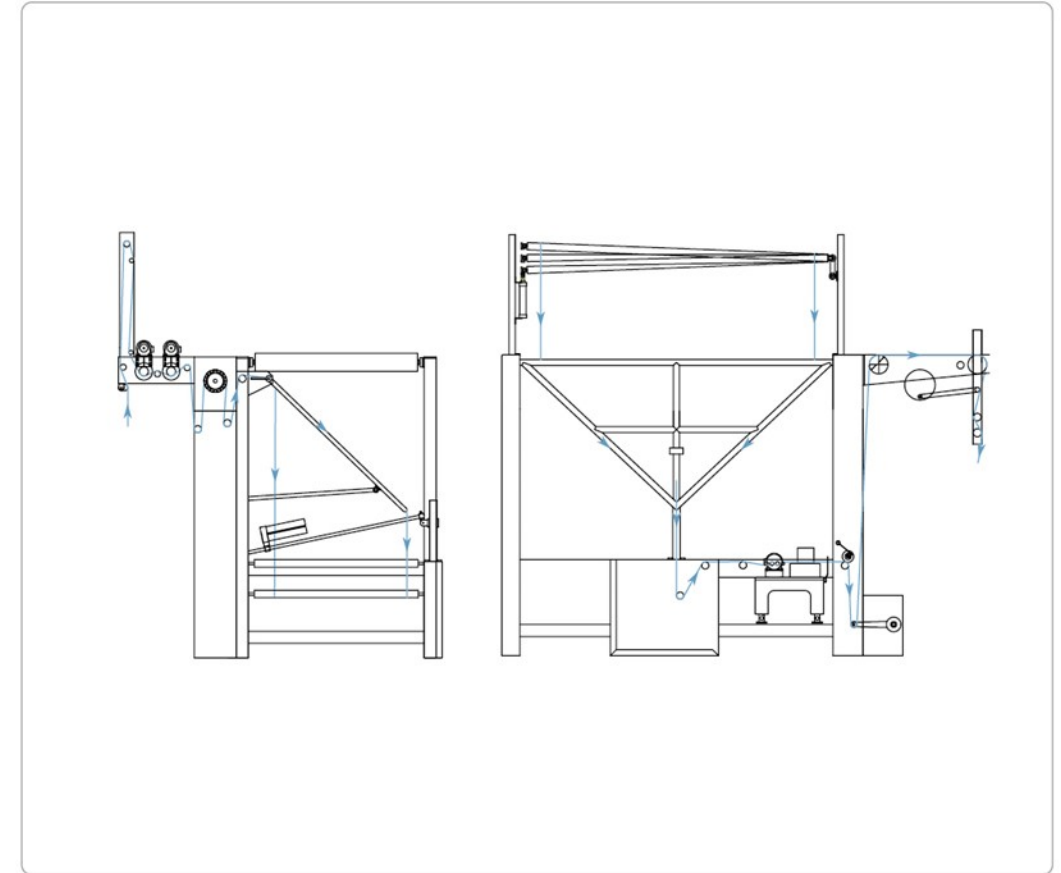
Single-thread sewing



FEATURES

- 1 Doubling, sewing, plaiting any type of fabrics from plait/loose fabric to plait/loose fabric.
- 2 For proper folding, special systems for thin and sensitive fabrics as well as fabrics with curled edges.
- 3 PLC controlled for synchronized operation. (option)
- 4 Automatic alignment of selvedge on the doubling triangle with very sensitive and precise photo- electric guide. Edge alignment error ≤ 6 mm.
- 5 Sewing carriage (JUKI Brand Sewing Machine/DDI-8700) with Auto- Search of the fabric edge.
- 6 System of motorized drawing to avoid harmful skids for the seam.
- 7 Accurate Length Counting(Y/M)- Counting error ≤ 0.1 m/km.
- 8 Single-thread Sewing. Easy to open the thread once the dyeing is finished.

WORKFLOW DIAGRAM



FOLDING/SEWING

TECHNICAL SPECIFICATIONS

Model:	ST-DFSM
Doubling Speed:	0-80 m/min
Sewing Speed:	0-30 m/min
Fabric Width:	1.2- 2.4 meters (standard)
Needle Distance:	1-5mm (adjustable)
Dimensions(L*W*H):	4750*3250*3000mm (for model ST-DFSM-220 only)
Weight:	1500kgs(for model ST-DFSM-220 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-DFLM

DOUBLE FOLDING & LAPPING MACHINE (DOUBLE FOLDED ON PAPER/WOOD BOARD)

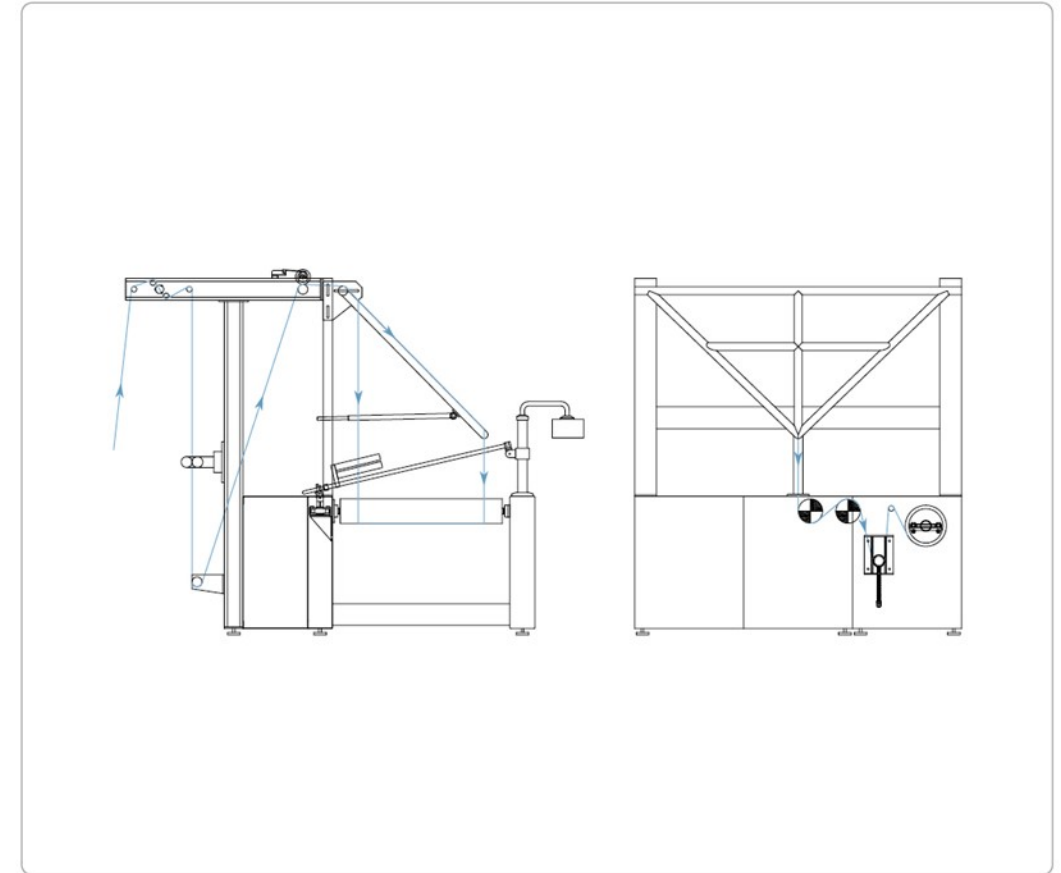
ST-DFLM is for woven, tulle, jacquard...fabrics. This machine can be supplied to operate fabrics from plait/loose form to fabrics on slab/cardboard, or with various other fabric inlet options.



FEATURES

- 1** Doubling, measuring, lapping any type of fabrics with inlet from plait/loose fabrics, rolls or batchers and with outlet on slabs/card board.
- 2** For proper folding, special systems for thin and sensitive fabrics.
- 3** Automatic alignment of selvage on the doubling triangle with very sensitive and precise photo-electric guide.
- 4** Reliable measuring with electronic calibrated counter meter system.
- 5** Hard or loose folding feature, due to torque controlled, from inlet of fabric to end of fabrics on slab/card board.
- 6** Foot switch is used to withdraw the finished fabrics and send the empty sword plate.

WORKFLOW DIAGRAM



TECHNICAL SPECIFICATIONS

Model:	ST-DFLM
Speed:	0-70m/min
Fabric Width:	1.8-4.0 meters
Major Axis Max.:	700mm
Dimensions(L*W*H):	2660*2120*2300mm(For model ST-DFLM-180 only)
Weight:	1000kgs(For model ST-DFLM-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-DFRM

DOUBLE FOLDING & ROLLING MACHINE (DOUBLE FOLDED ON PAPER TUBE)

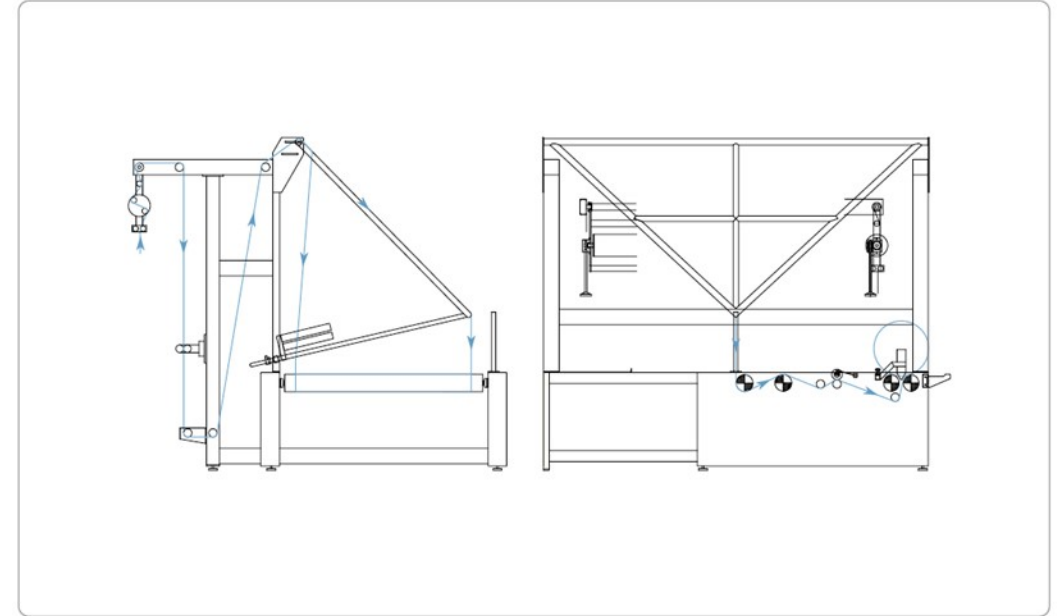
ST-DFRM is for woven, tulle, Jacquard... fabrics. This machine can be supplied to operate from plait/loose fabrics to roll, or with various other fabric inlet options.



FEATURES

- 1 Doubling, measuring, rolling any type of fabrics with inlet from plait/loose fabrics, rolls or batchers and with outlet on roll.
- 2 For proper folding, special systems for thin and sensitive fabrics.
- 3 Automatic alignment of selvage on the doubling triangle with very sensitive and precise photoelectric guide.
- 4 Reliable measuring with electronic calibrated counter meter system.
- 5 Consistent Roll Output- Roll hardness adjustable.

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-DFRM
Speed:	0-80m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	3500*3500*3030mm(For model ST-DFRM-320 only)
Weight:	1600kgs(For model ST-DFRM-320 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FPM

FABRIC PRECISION PLAITING MACHINE (SINGLE FOLDING)

ST-FPM Fabric Plaiting Machine is equipped with PLC controlling system and hydraulic system to achieve fabric tension controlling and automatic digital fabric plaiting width adjustment, applicable for weaving factory, finishing factory, printing and dyeing factory, folding fabric into piece and counting length.



FEATURES

- 1 Fabric reciprocating movement is controlled by PLC integrated circuit and driven by servo motor, less wearing on mechanical parts and high precise on fabric plaiting width, error $\leq \pm 3\text{mm}$
- 2 Hydraulic fabric pressure system gives the constant pressure and achieves automatic and digital fabric plaiting width adjustment.
- 3 Hydraulic lifting working table breaks through the limit of fabric plaiting height, fabric types and processing technic, wide application.
- 4 Accurate fabric edge-alignment, error $\leq \pm 5\text{mm}$

TECHNICAL SPECIFICATIONS

Model:	ST-FPM
Nominal Fabric Width:	1.8-4.0m
Plaiting Height:	200mm
Plaiting Speed:	0-60m/min
Plait Width Error:	$\leq \pm 3\text{mm}$
Edge-alignment Error:	$\leq \pm 5\text{mm}$
Electric Specs:	3Phase-380V,50hz(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs

ST-FPM-I

FABRIC PRECISION PLAITING MACHINE (SINGLE FOLDING)



FEATURES

- 1 Fabric reciprocating movement is controlled by PLC integrated circuit and driven by servo motor, less wearing on mechanical parts and high precise fabric plaiting width, error $\leq \pm 3\text{mm}$
- 2 Hydraulic fabric pressure system gives the constant pressure and achieves automatic and digital fabric plaiting width adjustment.
- 3 Hydraulic lifting working table can achieve max.1500mm plaiting height.
- 4 Accurate fabric edge-alignment, error $\leq \pm 5\text{mm}$

TECHNICAL SPECIFICATIONS

Model:	ST-FPM-I
Nominal Fabric width:	1.8-4.0m
Plaiting Height:	1500mm
Plaiting Speed:	0-60m/min
Plait Width Error:	$\leq \pm 3\text{mm}$
Edge-alignment Error:	$\leq \pm 5\text{mm}$
Electric Specs:	3Phase-380V,50hz(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs



Part 5

SLITTING/CUTTING MACHINE

- 49 ST-TFSM-01**
TUBULAR FABRIC SLITTING MACHINE
- 51 ST-TFSM-02**
TUBULAR FABRIC SLITTING MACHINE
- 53 ST-USCM**
ULTRASONIC CUTTING MACHINE
- 55 ST-FISM**
FABRIC INSPECTION & SLITTING MACHINE
- 57 ST-ASCM**
COMPUTERIZED FABRIC CUTTING MACHINE
- 58 ST-MSCM**
MOTORIZED FABRIC SAMPLE CUTTER
- 58 ST-HSCM**
HAND TYPE FABRIC SAMPLE CUTTER



ST-TFSM-01

TUBULAR FABRIC SLITTING MACHINE (EVOLUTION TYPE, FOR RAW AND WET FABRICS)

ST-TFSM-01 is mainly applicable after rope dyeing. It is used to slit&open roped fabric and has been specially designed for continuous high speed operation in automatic mode. The machine material could be A3 Steel or Stainless Steel, which could be suitable for both raw and wet fabrics.



E+L Slitter

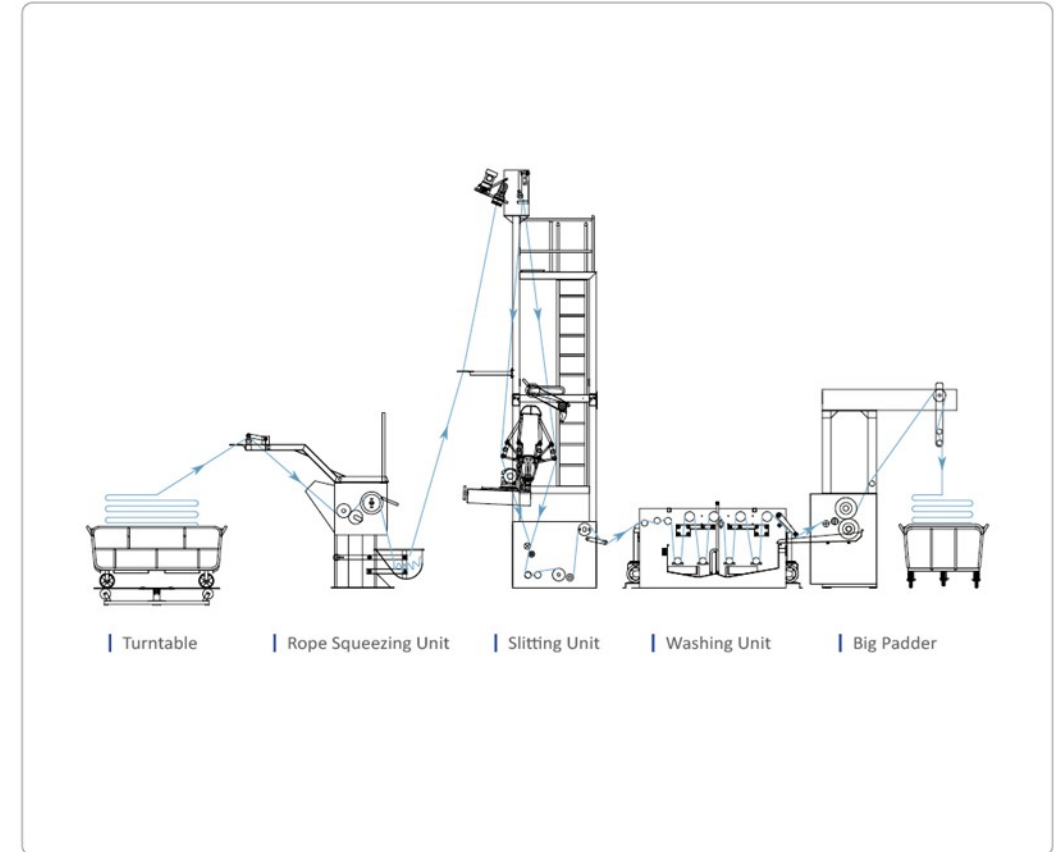
HOT



FEATURES

- 1 Raisable Frame and Automatic Detwister** - Automatic detwister for fabric rope. The signal from feeler is picked up by proximity switches. Fabric rope engagement is by means of rotary opening rollers.
- 2 Slitting Basket** - By means of a handwheel, the diameter of the round basket can be expanded from 320 to 800mm, so as to facilitate the spreading of fabric and prevent permanent weft distortions, as may be generated by the slitting process.
- 3 Needle Drop Sensor** - Needle drop sensor can detect the needle drop on the fabric and adjust the basket to place the fabric in proper slitting position. Both slitting and rope opening function.
- 4 Spreading-Centering Unit** - It automatically open the fabric and then center it, to ensure that the fabric is alignment in the center of the machine.
- 5 Hydraulic Turntable(Optional)** - Controlled by fluid power, 1800mm diameter, for fabric carriage rotation in heavy duty conditions. It facilitate the operation of rope detwisting after washing or dyeing.
- 6 Squeezing Unit for Fabric Ropes(Optional)** - Squeezing unit J-box with an oscillating chute for self adjustment of speed, to be installed on the entry of the line to reduce the quantity of water contained in the fabric.

WORKFLOW DIAGRAM



SLITTING/CUTTING

TECHNICAL SPECIFICATIONS

Model:	ST-TFSM-01
Running Speed:	0-100 m/min
Fabric Width:	2.0-3.0 meters
Max Rope Diameter:	Ø800mm
Material:	Stainless Steel 304 for wet fabric/A3 Steel for dry fabrics
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-TFSM-02

TUBULAR FABRIC SLITTING MACHINE (SIMPLE TYPE, FOR RAW AND DRY FABRICS)

ST-TFSM-02 allows the cutting and the opening of the tubular raw fabric from roll. The cut on the fold of the fabric is made by a disk cutter whose position is adjustable in width depending on the size of the roll. The machine uses a motor with variable speed from 0-60 m/min.

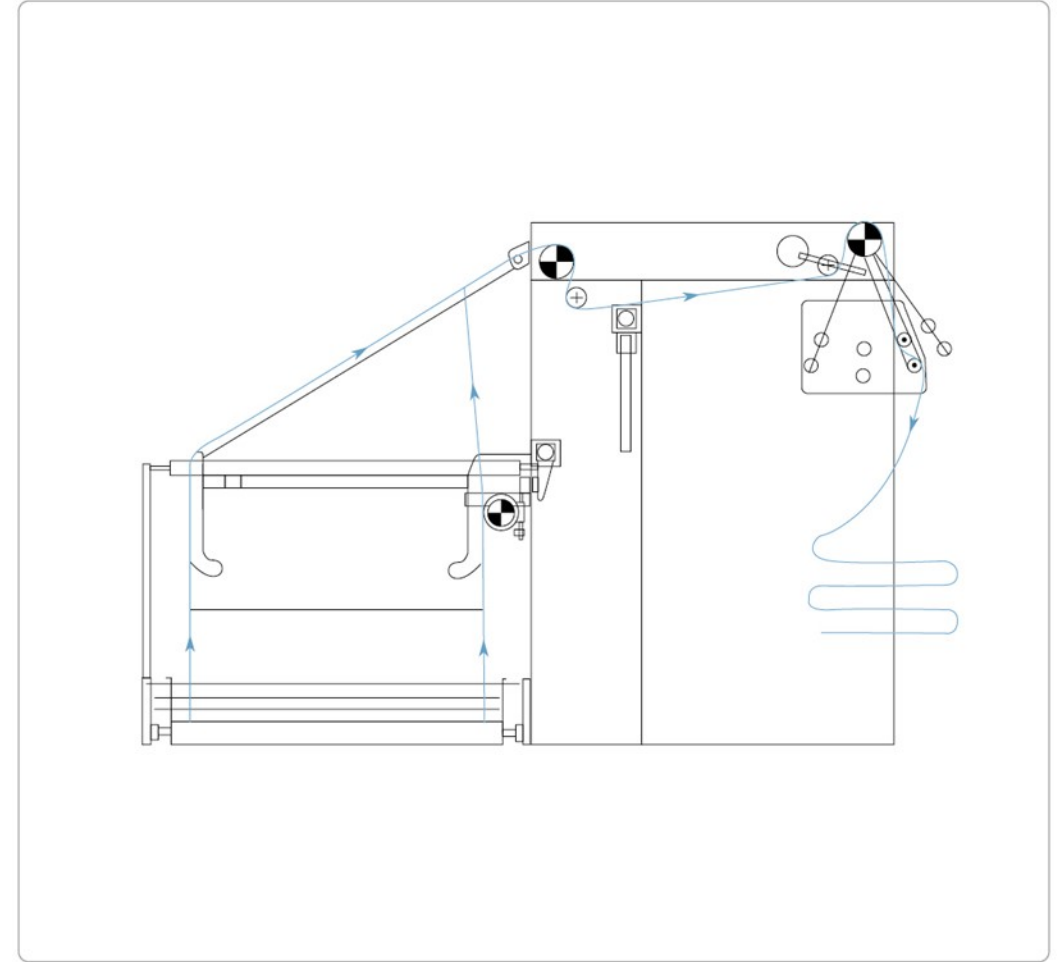


Vertical Slitting with cutter on fold

FEATURES

- 1 Simple Fabric Input Control. Fabric input from free running or motor driven rollers for simple and effective control.
- 2 End of roll stop sensor- for next roll joining.
- 3 Build with Horizontal Slitting. (Option)
- 4 Foot Switch Controlling-Used to start or stop machine flexibly. (Option)

WORKFLOW DIAGRAM



TECHNICAL SPECIFICATIONS

Model:	ST-TFSM-02
Running Speed:	0-60 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Standard Roll Weight:	50kg
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-USCM

ULTRASONIC CUTTING MACHINE (FABRIC SELVEDGE OR STRIP CUTTING)

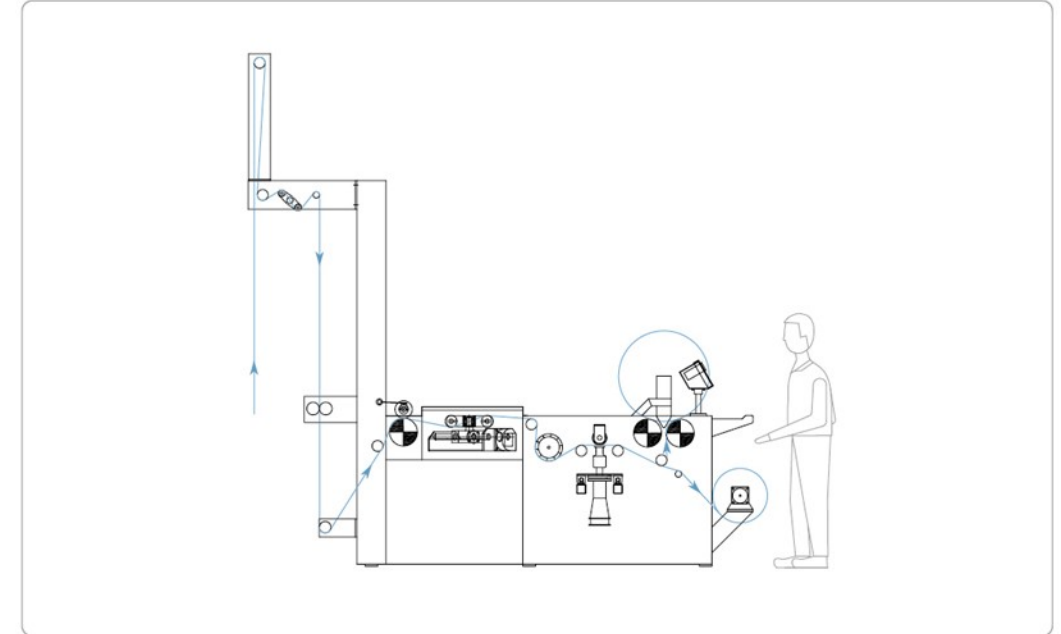
ST-USCM is used for a wide range of fabrics, especially polyester; viscose etc. This machine can be used to cut selvedge or cut stripes.



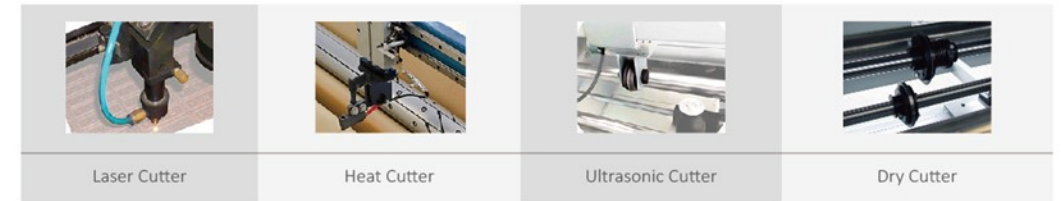
FEATURES

- 1 End of Fabric Roll Stop Sensor - Allow for next roll joining, continuously from one piece of fabric to next.
- 2 Accurate Length Counting(Y/M) - Counting error ≤ 0.1 m/km.
- 3 Consistent Roll Output - Roll hardness adjustable.
- 4 Perfect Edge Alignment & Accurate Selvedge Cutting - Special device to make the cutting error ± 5 mm.
- 5 Waste collection after cutting.
- 6 Available for Different Fabric Input and Output Presentation, Like Plait to Roll, Roll to Roll etc.- Synchronize with other production operations.
- 7 Full Width Fabric Inspection. (option)

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-USCM
Speed:	0-30m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Dimensions(L*W*H):	2786*2620*2820mm(For model ST-USCM-180 only)
Weight:	700kgs(For model ST-USCM-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor made to your requirements of processing needs.

ST-FISM

FABRIC INSPECTION & SLITTING MACHINE (COLD CUTTING)

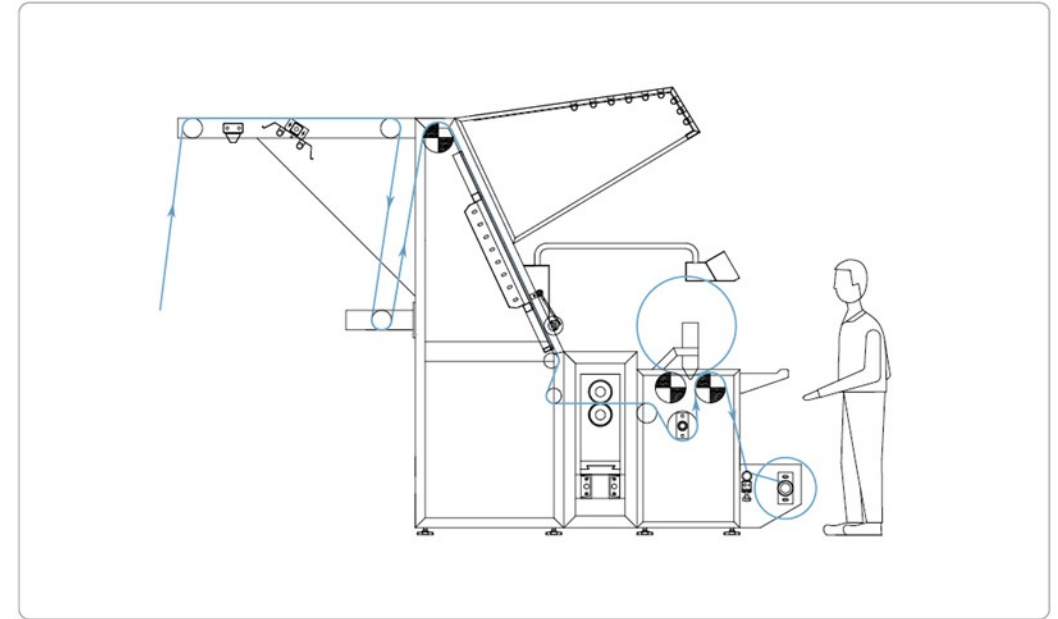
ST-FISM is suitable for PVC coated fabrics, artificial leather etc., which can be used for inspecting, slitting and rewinding.



FEATURES

- 1** End of Fabric Roll Stop Sensor - Allow for next roll joining, continuously from one piece of fabric to next.
- 2** Full Width Fabric Inspection - With 30 degree fixed angle inspection screen.
- 3** Accurate Length Counting(Y/M) - Counting Errors $\leq 0.1\text{m/km}$.
- 4** Consistent Roll Output - Roll Hardness Adjustable.
- 5** Mechanical Cutter for Selvage and Strip Cutting.
- 6** Waste collection after slitting.

WORKFLOW DIAGRAM



OPTIONS



TECHNICAL SPECIFICATIONS

Model:	ST-FISM
Speed:	0-30m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Weight:	1000kgs(For model ST-FISM-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

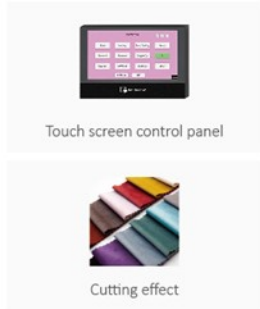
Variable working width is possible and can be tailor made to your requirements of processing needs.

ST-ASCM

COMPUTERIZED FABRIC CUTTING MACHINE

ST-ASCM is used to cut textile swatches for mass production. It is suitable for all types of fabrics as well as for leather, artificial leather, felt, carpet, etc.

► DETAILS:



► FEATURES

- 1 Effortless cutting of any fabric quality- Far superior to hand operated machines.
- 2 Precise and accurate thanks to right angle guide with millimeter graduation.
- 3 PLC control, sample width and length preset on the touching screen.
- 4 Easy to operate, fast and powerful.
- 5 Reliable and maintenance-free.

► TECHNICAL SPECIFICATIONS

Model:	ST-ASCM
Fabric Type:	All fabrics
Cutting Length:	1600mm (for model ST-ASCM-1600 ONLY)
Cutting Height:	80mm
Cutting Blade Hardness:	Japanese Imported Alloy Steel
Cutting Accuracy Error:	Less than 0.5mm
Electric Specs:	380V; 50HZ,3Phase(can be adjusted to suit for different countries)

Variable blade length is possible and can be tailor-made to your requirements of processing needs.

ST-MSCM

FABRIC SAMPLE CUTTER

► MOTORIZED TYPE

Precise and accurate with millimeter guider.
Safe, two-hand operated.
Mobile, ready to use anywhere.
Reliable and maintenance-free.



► FEATURES

- 1 Zig-zag Serrated Blade - Durable alloy steel zig-zag serrated blade.
- 2 Long Life Cutting Mat - A cutting mat is included to prevent blade from damaging during the cutting operation.
- 3 Scaled cutting Table - Cutting table is scaled on one side to allow the operator to decide the size of cut accurately.

► TECHNICAL SPECIFICATIONS

Model:	ST-MSCM	ST-HSCM
Cutting height:	50mm	15mm at full width / 45mm at half width
Drive:	Motorized	Hand Operated
Weight(net):	135kgs	45kgs
Electric Specs:	220-240V; 50HZ	/
Knife length:	500mm(standard)	
Cutting blade Hareness:	HRC63-65	

Variable blade length is possible and can be tailor-made to your requirements of processing needs.

ST-MSCM

FABRIC SAMPLE CUTTER

► HAND TYPE

For efficient sample cutting.
Suitable for small numbers of samples.
Mechanical safety guards.
Economical model.





Part 6

RELAXING MACHINE

61 ST-FRM-VI

FABRIC RELAXING MACHINE (AIR TYPE)

63 ST-FRM

FABRIC RELAXING MACHINE (CONVEYOR TYPE)

65 ST-FRM-S

FABRIC RELAXING MACHINE (STEAM TYPE)

66 ST-FRM-G

FABRIC RELAXING MACHINE (ECONOMIC TYPE)



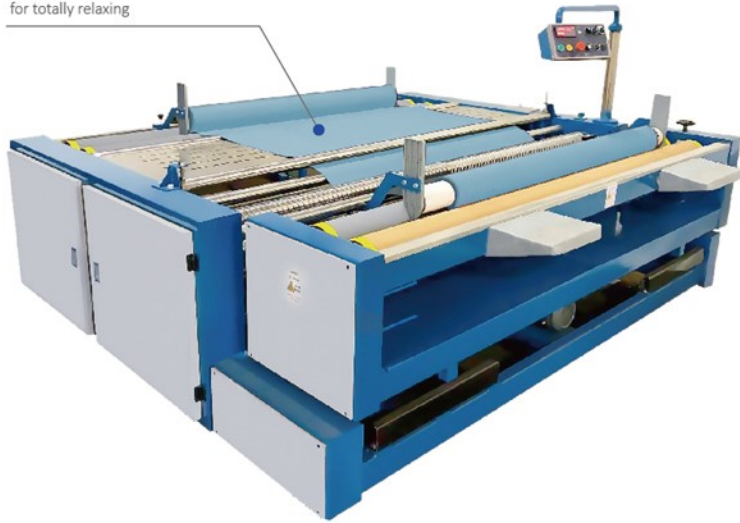
ST-FRM-VI

FABRIC RELAXING MACHINE (AIR TYPE)

ST-FRM-VI is mainly used to release the tension of knit fabrics, specially for garment factories. This machine is with lazy loop and air flotation for fabric relaxation. You can enjoy totally relaxing with accurate length counting and fabric edge controlling!

HOT

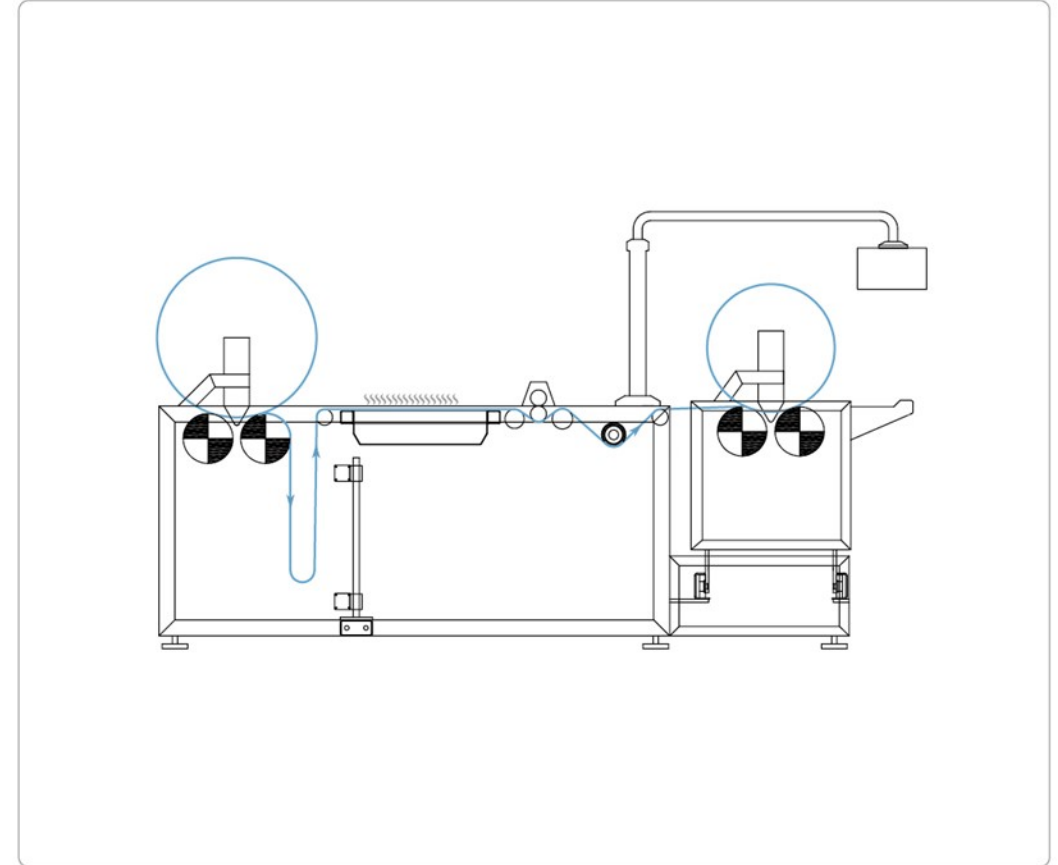
Fabric passes over an air-flotation zone for totally relaxing



FEATURES

- 1 Auto Tensionless Relaxing** - With electrical device to make fabric unwinding and rewinding synchronized.
- 2 Ideal Relaxing Effect** - With sensor controlled Lazy Loop and air flotation (adjustable air strength).
- 3 Accurate Length Counting (Y/M)** - Counting Error $\leq 0.1\text{m/km}$.
- 4 Accurate Fabric Edge Controlling** - Edge alignment error $\leq 6\text{mm}$.

WORKFLOW DIAGRAM



RELAXING

TECHNICAL SPECIFICATIONS

Model:	ST-FRM-VI
Optimal Running Speed:	10-15m/min
Fabric Width:	1.8-3.0 meters
Standard Roll Diameter:	500mm
Standard Roll Weight:	100kg
Electric Specs:	380V; 50HZ, 3Phase (can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FRM

FABRIC RELAXING MACHINE (CONVEYOR TYPE)

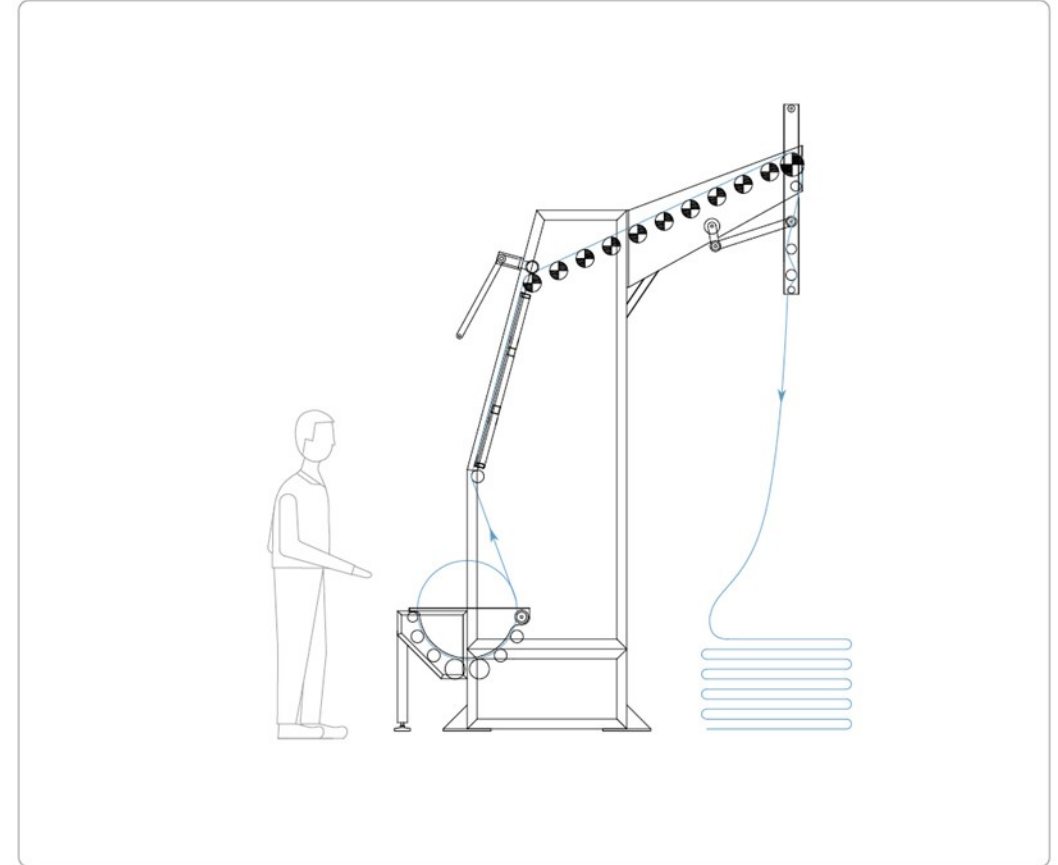
ST-FRM is mainly used to eliminate the tension of knits fabrics; besides, it will keep fabric tidy for storage. With the increasing use of elastomeric and lycra fabrics in all sectors of apparel and textiles industries, ST-FRM is becoming popular and it can work with spreading machine for good efficiency.



FEATURES

- 1 Simple fabric input control.
- 2 Fabric input from free running or motor driven rollers for simple and effective control.
- 3 Roller conveyors for synchronization unrolling&plaiting.
- 4 End of roll stop sensor- for next roll joining.
- 5 Build with inspection function (option).

WORKFLOW DIAGRAM



RELAXING

TECHNICAL SPECIFICATIONS

Model:	ST-FRM
Speed:	0-60m/min
Fabric Width:	1.8-3.0 meters
Standard Roll Diameter:	500mm
Weight:	850kgs(For model ST-FRM-180 only)
Electric Specs:	3Phase- 380V; 50HZ(can be adjusted to suit for different countries)

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FRM-S

FABRIC RELAXING MACHINE (STEAM TYPE)

STEAM Relaxing Combined with Inspection & Rolling Function. Full Relaxtion with 6-8 Hours only



► TECHNICAL SPECIFICATIONS

Model:	ST-FRM-S
Speed:	0-40m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm
Fabric Relaxing Function:	Roll to Plaited Fabric
Fabric Inspection Function:	Plaited Fabric to Roll

Variable working width is possible and can be tailor-made to your requirements of processing needs.

ST-FRM-G

FABRIC RELAXING MACHINE (ECONOMIC TYPR)



► TECHNICAL SPECIFICATIONS

Model:	ST-FRM-G
Speed:	0-60m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500mm

Variable working width is possible and can be tailor-made to your requirements of processing needs.



Part 7

REVERSING MACHINE

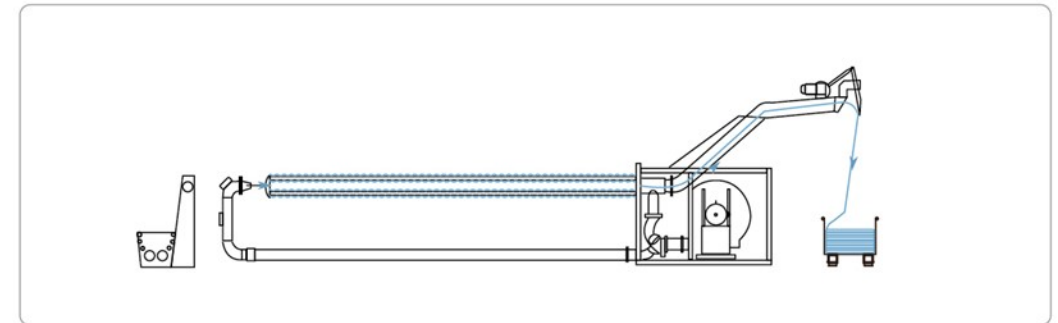
ST-TFRM

TUBULAR FABRIC REVERSING MACHINE

ST-TFRM is specially designed for turning the cylinder shape pure fabrics inside out before they are ready to be dyed and does not cause any damage to the fabric after dyeing.



WORKFLOW DIAGRAM



TECHNICAL SPECIFICATIONS

Model:	ST-TFRM
Working Mode:	Airflow turning
Max. Capacity:	200kgs
Max. Speed:	120m/min
Total Power:	8.25KW
Length Of Reversing Cylinder:	5000mm
Dimension:	7420*1150*1760mm
Weight:	1000kgs



OVER 50 YEARS' INNOVATION

