

**A SPECIALIST IN TEXTILE
EQUIPMENT AUTOMATION**

AI VISUAL INSPECTION & AUTOMATED PACKING SOLUTIONS



**A SPECIALIST IN TEXTILE
EQUIPMENT AUTOMATION**

ABOUT SUNTECH

55 Years Experience in Textile Machinery Manufacturing

Experts in Automated Equipment Solutions for Weaving, Knitting, Finishing and Garment.



59100+

Installations Worldwide

11270+

Customers Globally

151

Technology Patents

129

Exported Countries

27

Countries Agent Presence

WHY SUNTECH



INDUSTRY EXPERT

Premium, Automated & Customized Solutions to Meet Your Business Demands



TRUSTWORTHY

Lifetime Service, Localized Support & Global Agent Networks, Timely Response When You Ask



VALUE-CREATING

Deepen in Automated Technology, Update with Industry Trending

SOLUTIONS

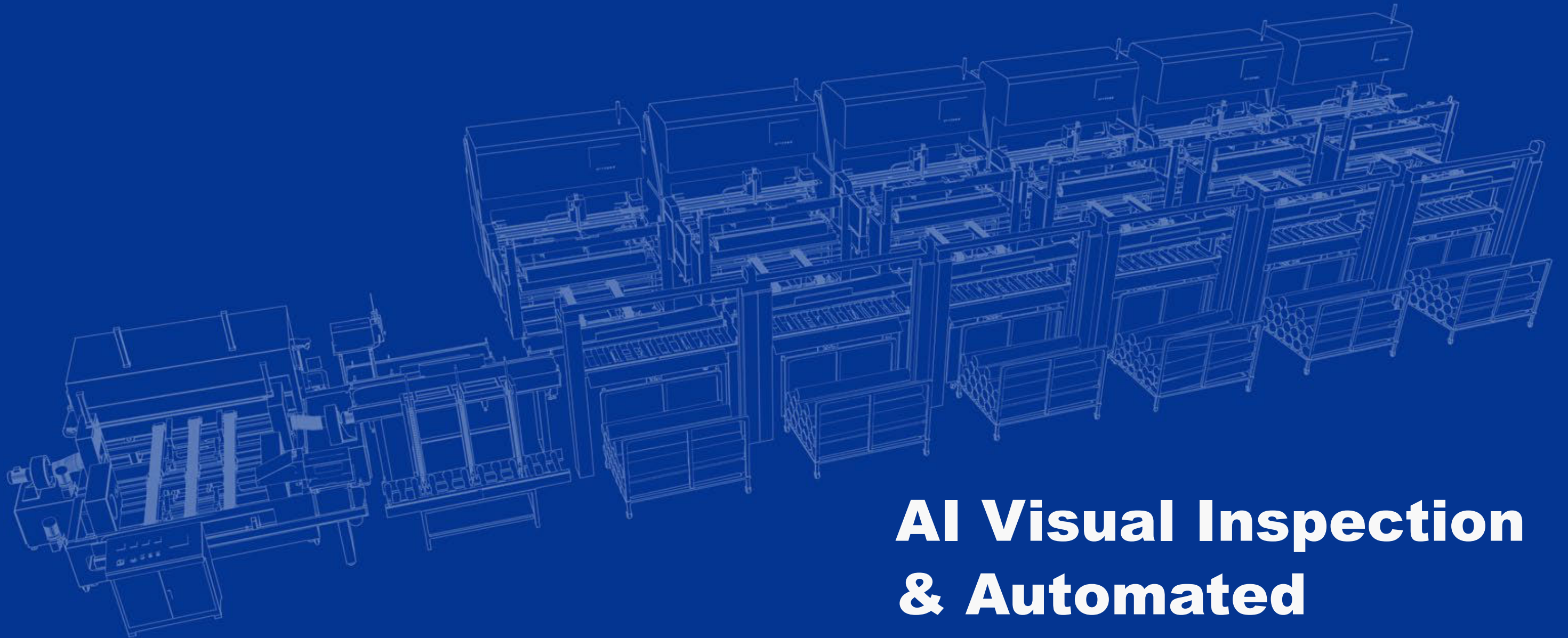


AI Visual Inspection & Automated Packing Solutions



Automated Material Handling & Storage Solutions

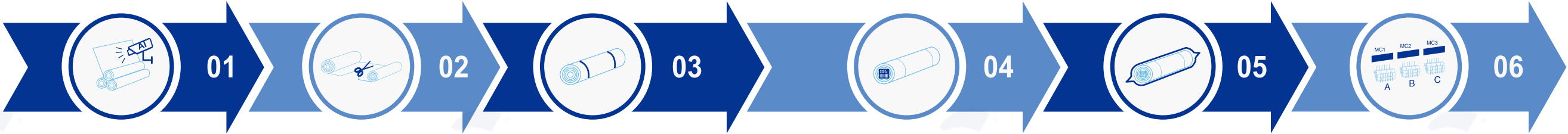
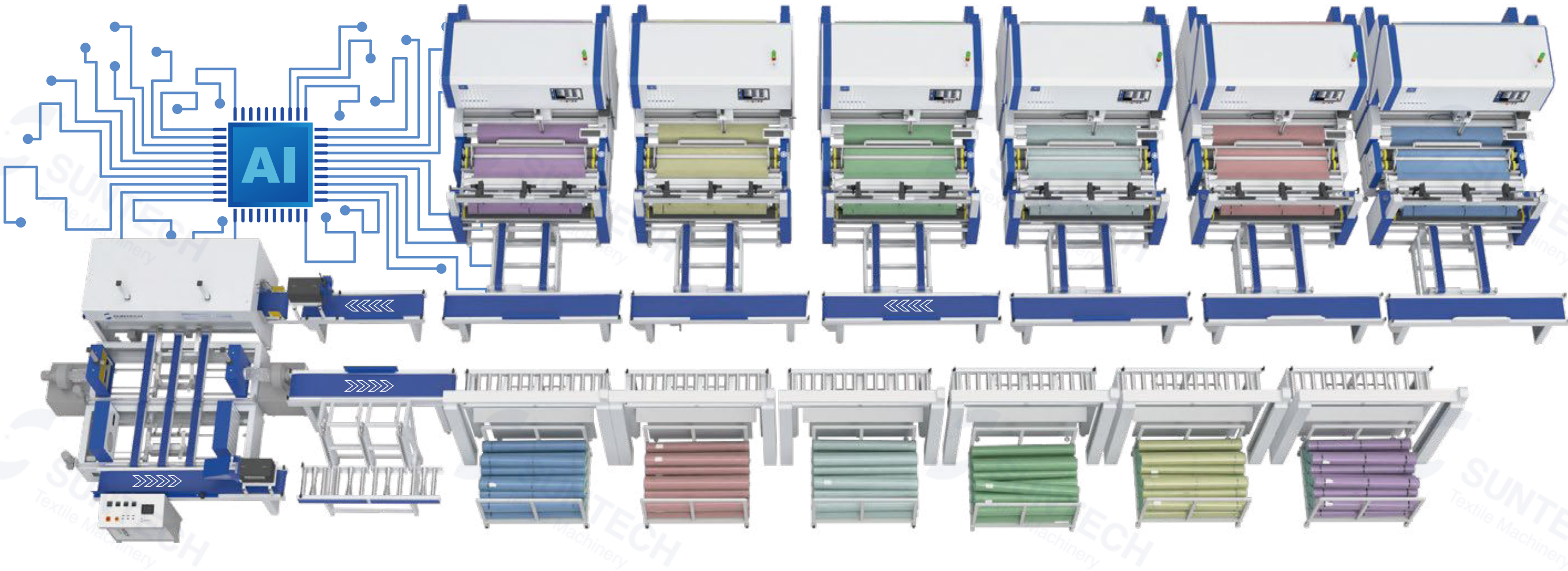
PART 1



AI Visual Inspection & Automated Packing Solutions

ST-AIPM

AI VISUAL INSPECTION & AUTOMATED PACKING SOLUTIONS



AI INSPECTION
DEFECTS MAPPING

CUTTING OPTIMIZATION

TAPING

LABELING

PACKING

SORTING

AI AUTOMATION

PACKING

INSPECTION

FOLDING

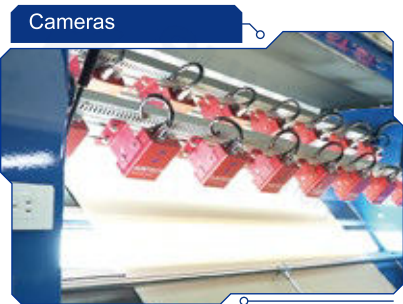
SLITTING

RELAXING

CUTTING

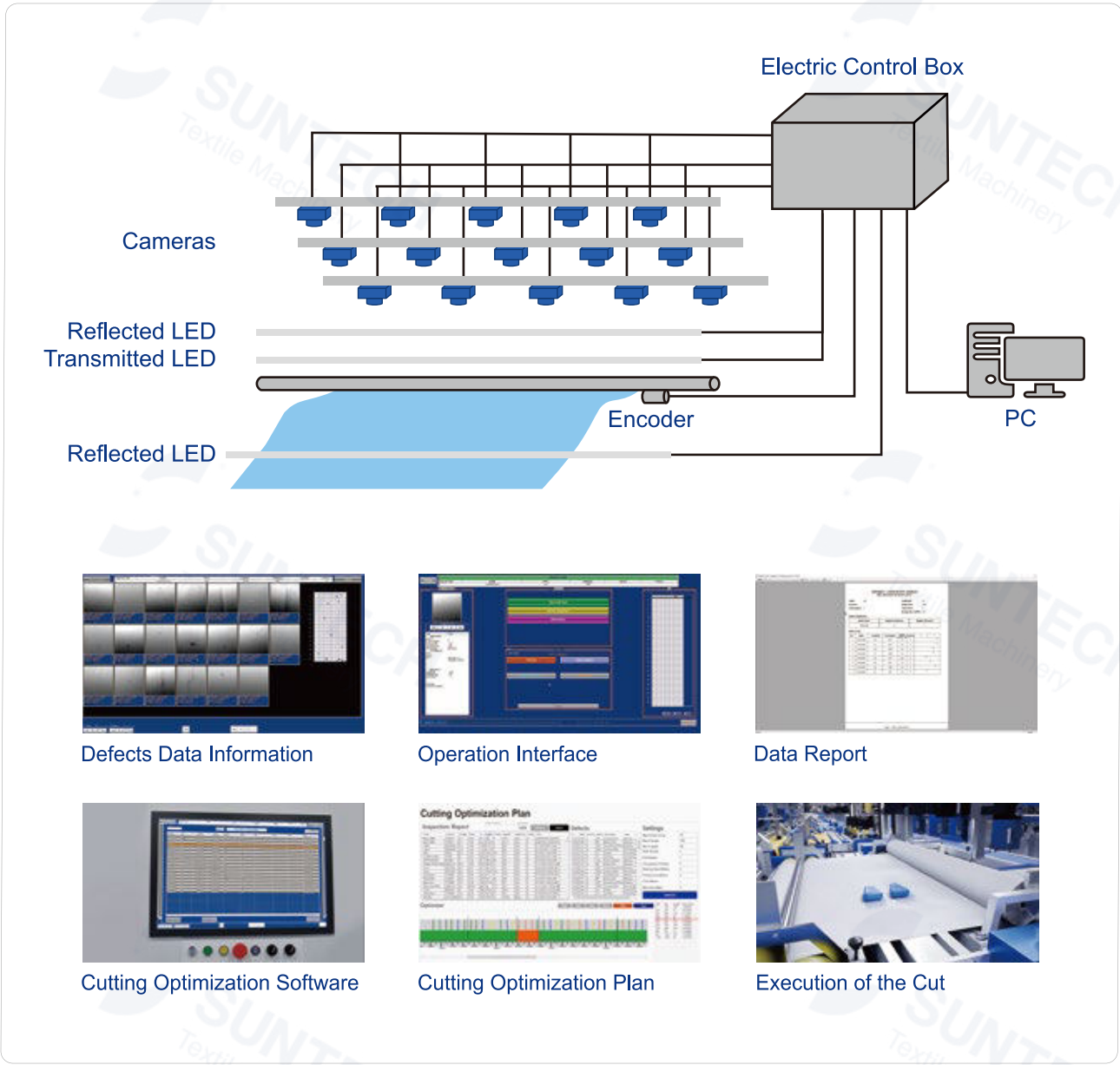
SThinkor®

AI AUTOMATED VISUAL INSPECTION SYSTEM

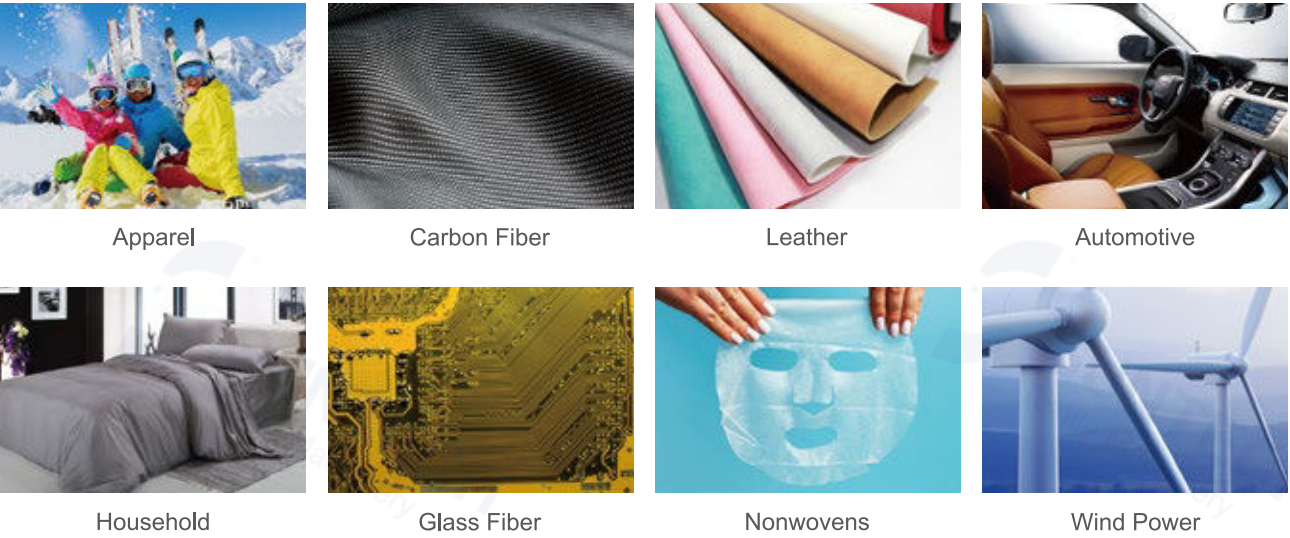


► TECHNICAL SPECIFICATIONS

Model:	ST-THINKOR
Speed:	0-60 m/min
Fabric Width:	1.8-4.0m (Customized)
Fabric Color:	Single Color
Inspection Rate:	≥ 85%
Min Defect Size:	≤0.15 mm



► APPLICATIONS



ST-ARPM

AUTOMATED PACKING SOLUTION



KEY FEATURES

- 1 Fully Automated Process, Efficiency Boosted 7X
- 2 Multiple Functions Integrated in One from Inspection to Finished Roll
- 3 Smart Classification, Autonomous Packing & Sorting
- 4 Vacuum Packing, Quality Guaranteed with Material Cost Saving
- 5 Easy Connection to ERP/MES System

TECHNICAL SPECIFICATIONS

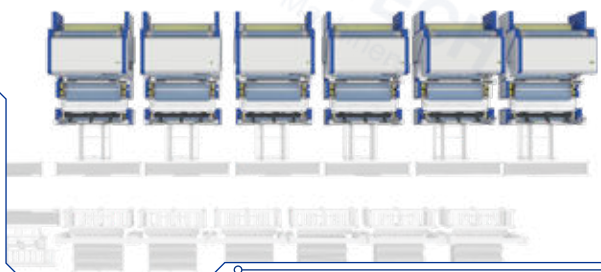
Model:	ST-ARPM-180I	ST-ARPM-180II	ST-ARPM-240I	ST-ARPM-240II
Range of Roll Width:	900-1800 mm	900-1800 mm	1200-2400 mm	1200-2400 mm
Range of Roll Diameter:	100-400 mm	100-600 mm	100-400 mm	100-600 mm
Packing Capacity:	5-7 rolls/min	4-6 rolls/min	4-6 rolls/min	3-5 rolls/min

* Customization Available

WORKFLOW



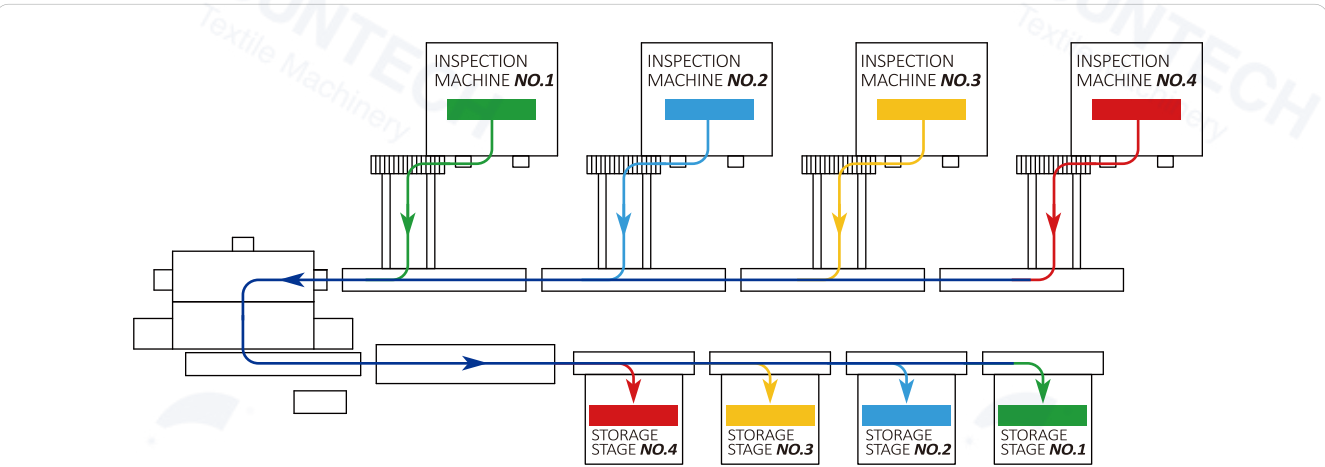
AI Visual Inspection



Automatic Labeling System



SMART CLASSIFICATION (SORTING)

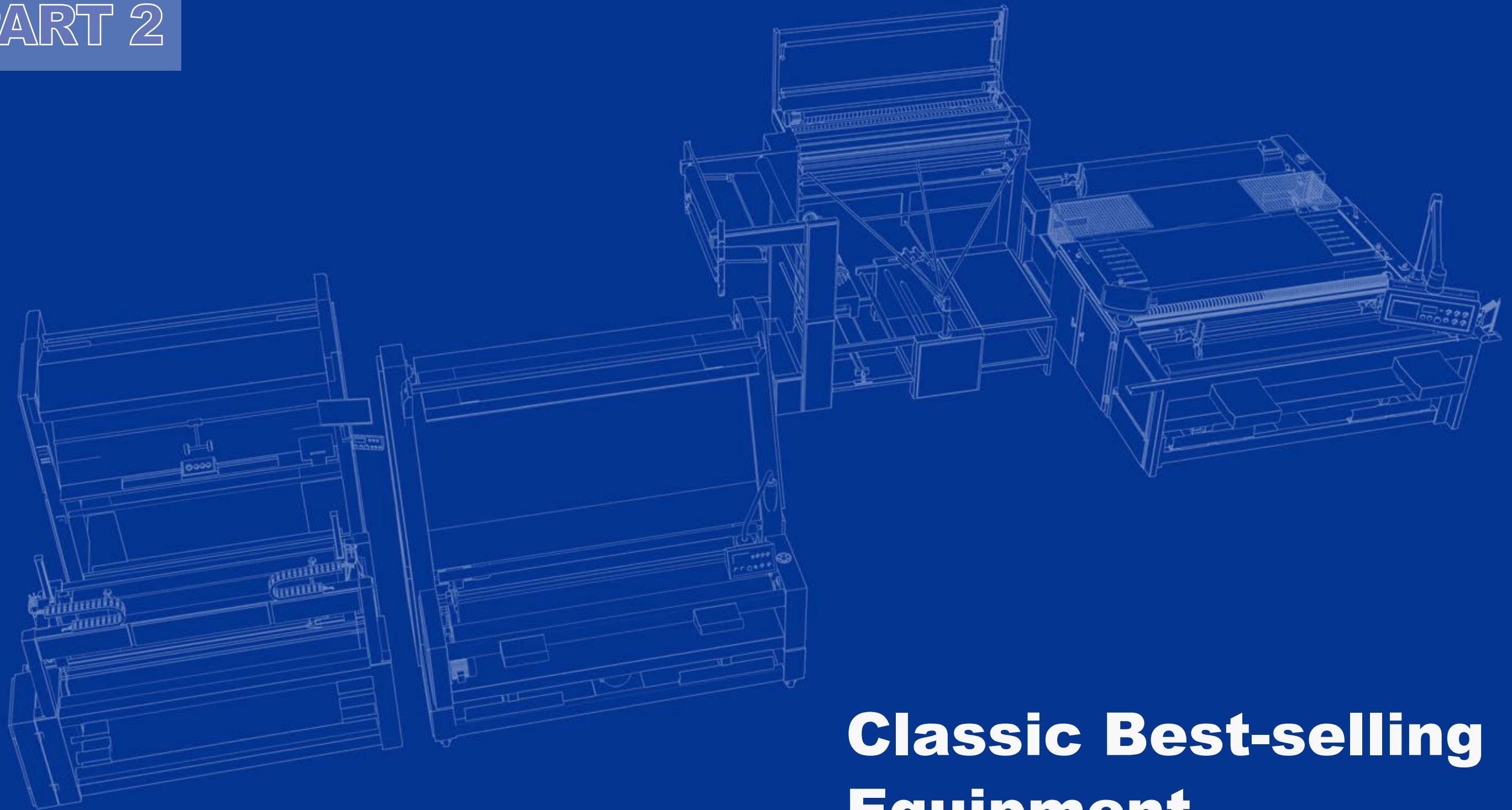


Packing & Sorting of Small Bulk and Multi-Batch Orders

The operator can set up the "assignment" in Touch Screen Panel.

Fabric roll from inspection machine no.1 can be assigned to storage stage no.1 (or no.2 or no.3 or no.4);
Fabric roll from inspection machine no.2 can be assigned to storage stage no.2 (or no.1 or no.3 or no.4);
...

PART 2



**Classic Best-selling
Equipment**

ST-FIPM

FABRIC INSPECTION AND PACKING MACHINE

2IN1



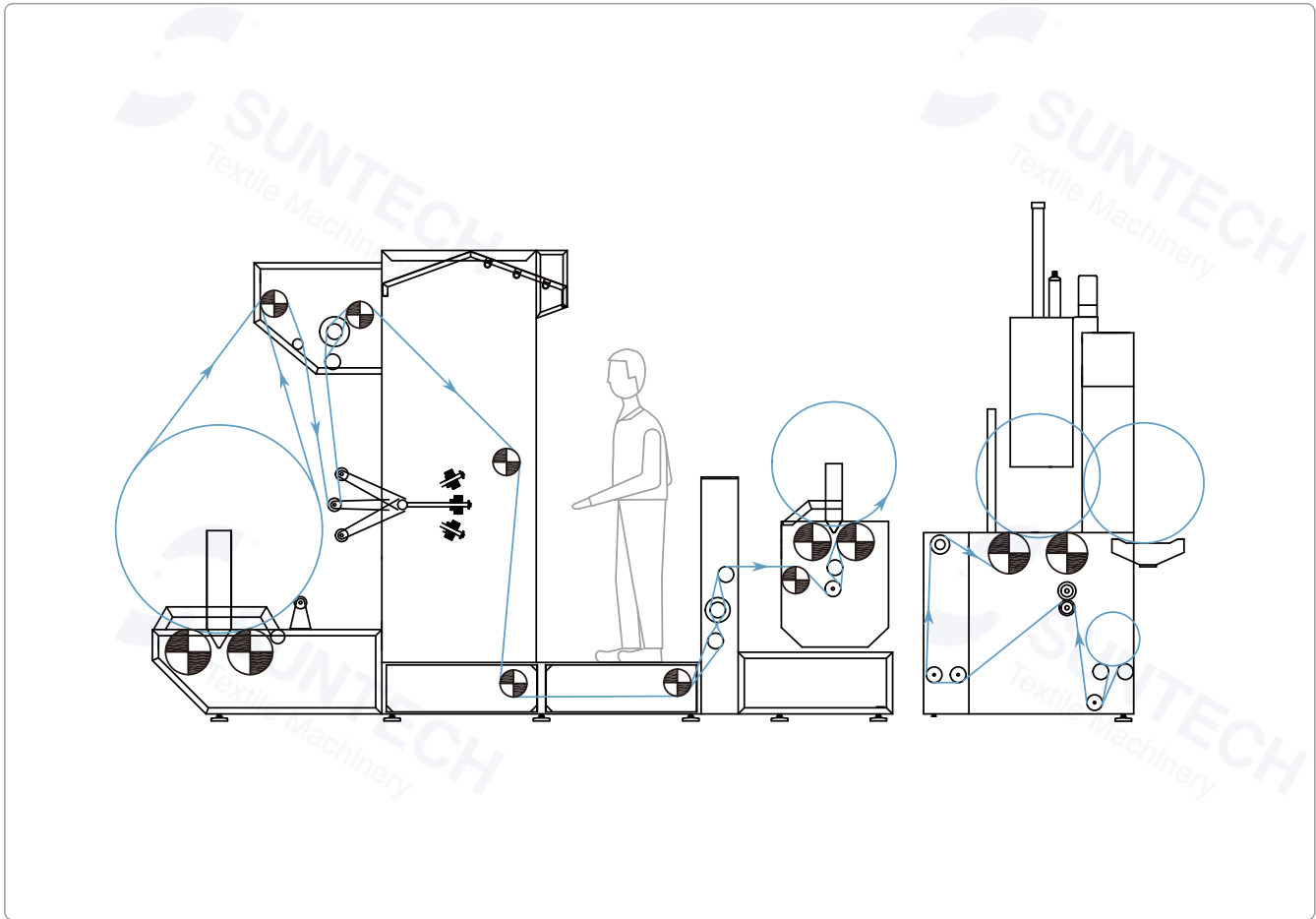
KEY FEATURES

- 1 Inspection & Automated Packing in One, 3X Manpower Saving
- 2 Compact Structure with No Space Limit, Flexible & Effortless Operation
- 3 Easy to Catch All Defects, Makes High Pass Rate in Finished Inspection
- 4 Customization Available, ERP/MES Compatible for Digital Management

TECHNICAL SPECIFICATIONS

Model:	ST-FIPM
Inspection Speed:	5-40 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm
Packing Speed:	50-60 rolls/hour

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS



ST-WFIM-G FOR WOVEN

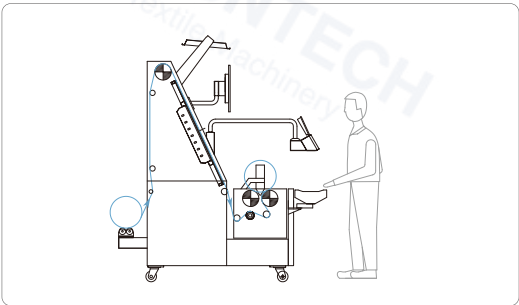
COMPACT WOVEN FABRIC INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-WFIM-G
Speed:	5-60 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	300 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS



4-Point System



Barcode Printer



Linear Fabric End Cutter



Automatic Weighing Scale

ST-WFIM FOR WOVEN

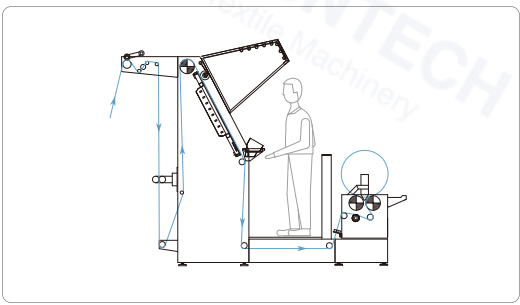
WOVEN FABRIC INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-WFIM
Speed:	5-60 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS



4-Point System



Barcode Printer



Linear Fabric End Cutter



Automatic Weighing Scale

ST-KFIM-01 FOR KNITS

OPEN WIDTH KNITTED FABRIC INSPECTION MACHINE

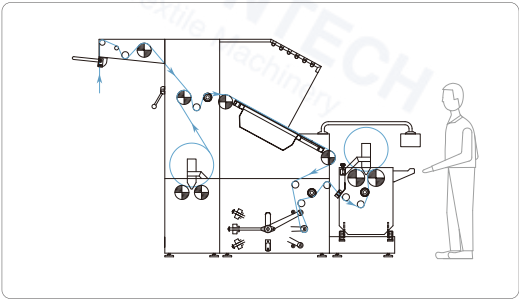


ST-KFIM-03

TECHNICAL SPECIFICATIONS

Model:	ST-KFIM-01
Speed:	5-54 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

ST-KFIM-02 FOR TUBULAR GRAY FABRICS

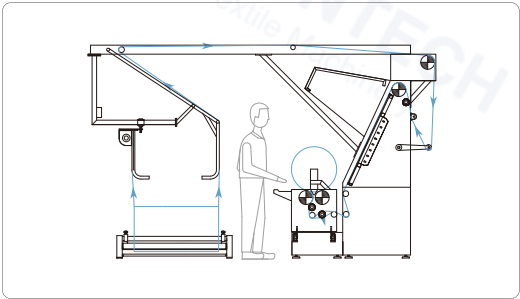
TUBULAR GRAY FABRIC SLITTING & INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-KFIM-02
Speed:	5-54 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

AI AUTOMATION

PACKING

INSPECTION

FOLDING

SLITTING

RELAXING

CUTTING

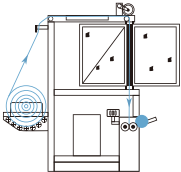
ST-TFIM FOR TUBULAR GRAY FABRIC

TUBULAR FABRIC INSPECTION MACHINE

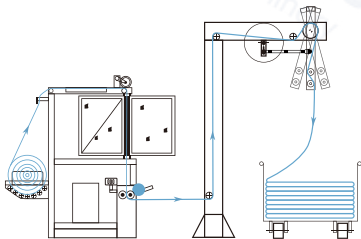


WORKFLOW DIAGRAM

OPTION:
Suitable for Tubular Fabric From Roll to Roll.



OPTION:
Suitable for Tubular Fabric From Roll to Roll/Plait.



TECHNICAL SPECIFICATIONS

Model:	ST-TFIM
Speed:	0-50 m/min
Fabric Width:	23" - 50"
Standard Roll Diameter:	500 mm

ST-TIM-I WOVEN+KNITS

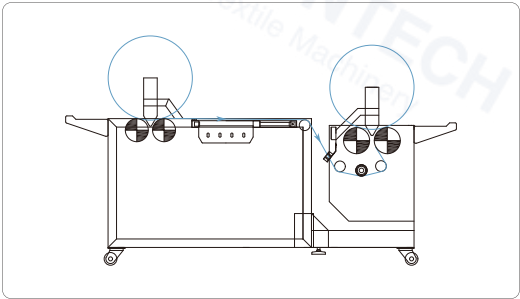
TABLE TYPE FABRIC MEASURING & INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-TIM-I
Speed:	5-60 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

			
4-Point System	Barcode Printer	Linear Fabric End Cutter	Automatic Weighing Scale

ST-BM-01 FOR DELICATE FABRICS

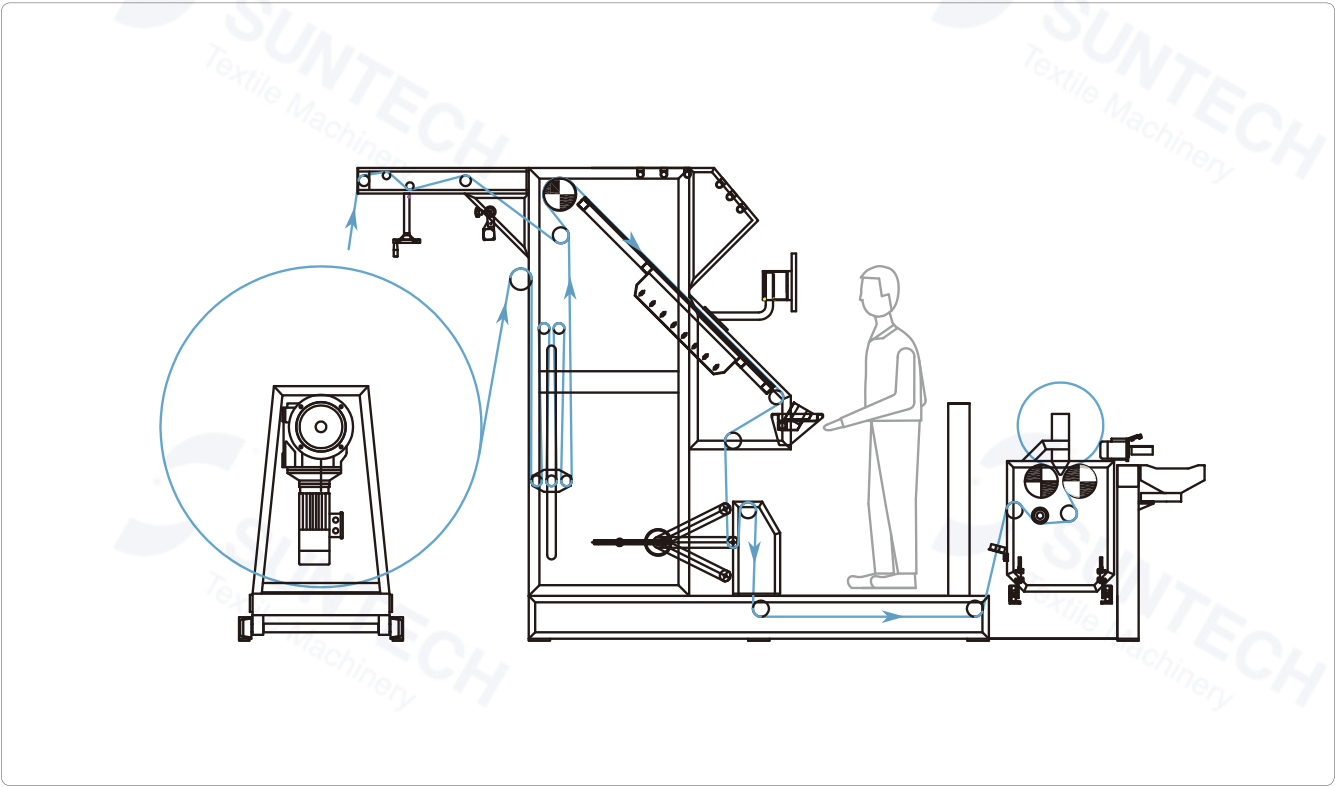
FABRIC BATCHING MACHINE
(WITH DIRECT CENTER DRIVEN SYSTEM)



TECHNICAL SPECIFICATIONS

Model:	ST-BM-01
Speed:	5-50 m/min
Fabric Width:	1.8-4.0 meters
Max.Un-winding Diameter:	1500 mm
Max.Re-winding Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

				
4-Point System	Barcode Printer	Linear Fabric End Cutter	Automatic Weighing Scale	A-frame Trolley

RELATED PRODUCTS

ST-MBT-11-30
Electric A-Frame Tractor
3000 kgs

ST-MBT-11-50
Electric A-Frame Tractor
5000 kgs

AI AUTOMATION

PACKING

INSPECTION

FOLDING

SLITTING

RELAXING

CUTTING

ST-FISM FOR COATED FABRICS

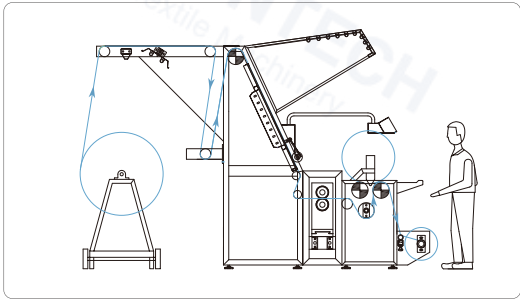
FABRIC SLITTING AND INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-FISM
Speed:	0-30 m/min
Fabric Width:	1.8-4.0 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

			
4-Point System	Barcode Printer	Linear Fabric End Cutter	Automatic Weighing Scale

ST-FIM FOR ALL FABRICS

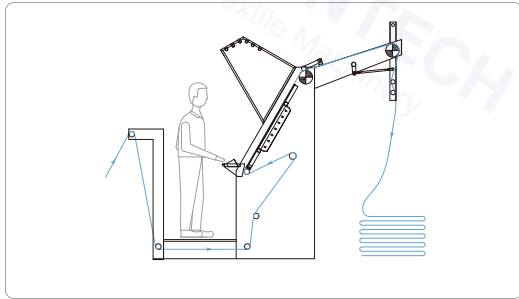
UNIVERSAL FABRIC INSPECTION MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-FIM
Speed:	0-40 m/min
Fabric Width:	1.8-4.0 meters

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

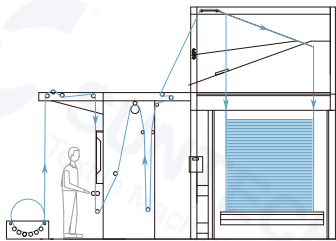
	
4-Point System	Barcode Printer

ST-DFPM FOR WOVEN

FABRIC DOUBLE FOLDING & PRECISION PLAITING MACHINE



WORKFLOW DIAGRAM



TECHNICAL SPECIFICATIONS

Model:	ST-DFPM
Fabric Width:	1.8-4.0 meters
Palletizing Height:	1.5-2.8 meters (Customized)
Palletizing Speed:	0-40 m/min

ST-DFLM FOR WOVEN

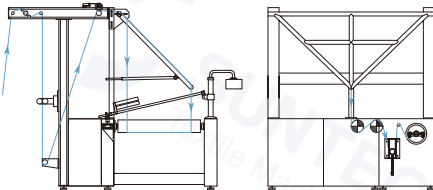
TEXTILE DOUBLE FOLDING & LAPPING MACHINE



ST-DFRM



WORKFLOW DIAGRAM



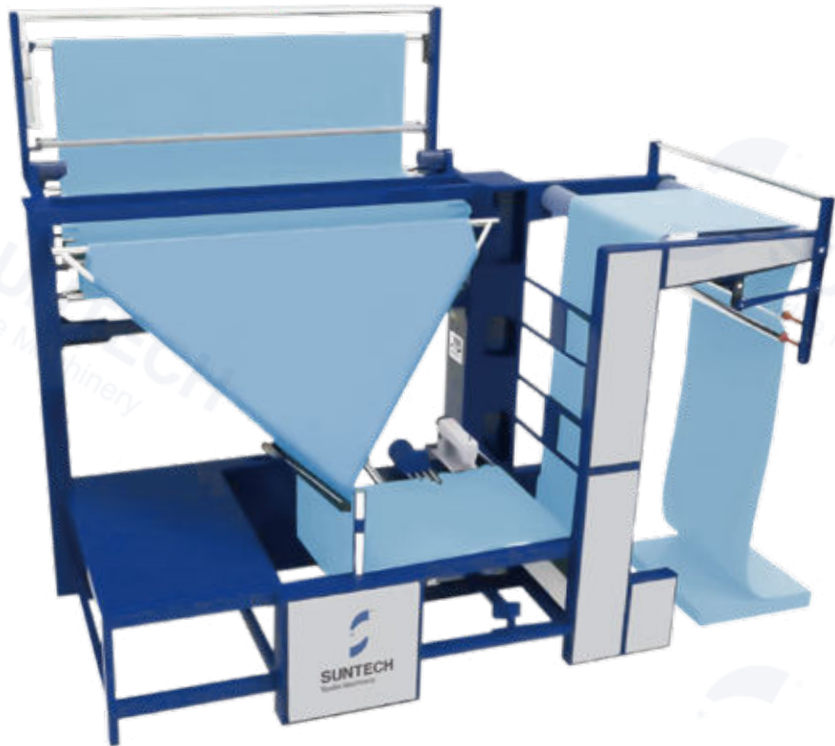
TECHNICAL SPECIFICATIONS

Model:	ST-DFLM	ST-DFRM
Speed:	0-70 m/min	0-80 m/min
Fabric Width:	1.8-4.0 meters	1.8-4.0 meters
Major Axis Max.:	700 mm	500 mm

ST-DFSM

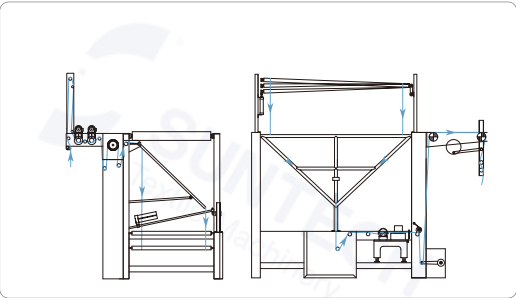
FOR KNITS

AUTOMATIC TUBE-SEWING MACHINE



Single-thread sewing

WORKFLOW DIAGRAM



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)

ST-TFSM-01

FOR TUBULAR KNITTING FABRICS

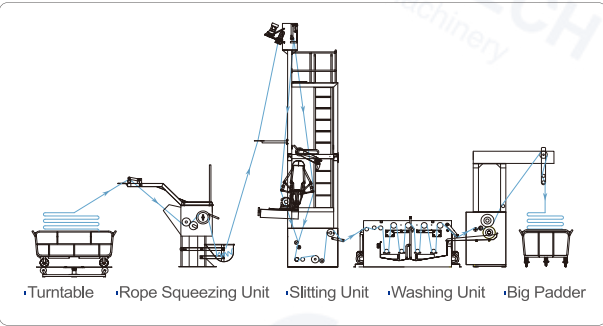
TUBULAR FABRIC SLITTING MACHINE
(ROPE OPENER)



KEY FEATURES

- 1 Automatic Slitting, Integrated Functions in One
- 2 Maximum Cutting Speed at 100 m/min
- 3 EU Quality, Germany E+L 2535 Cutter

WORKFLOW DIAGRAM



TECHNICAL SPECIFICATIONS

Model:	ST-TFSM-01
Running Speed:	0-100 m/min
Fabric Width:	1.8-3.2 meters
Material:	304 Stainless Steel for Wet Fabric / A3 Steel for Dry Fabrics

ST-FRM-VI(P) FOR WOVEN & KNITS

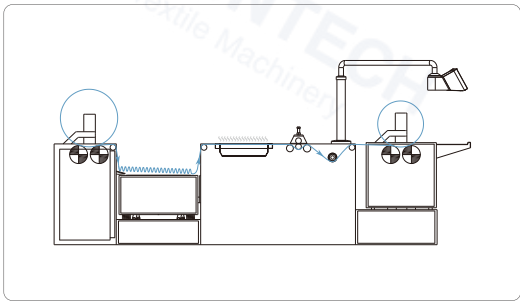
ROLL TO ROLL FABRIC RELAXING MACHINE
(5TH GENERATION)



TECHNICAL SPECIFICATIONS

Model:	ST-FRM-VI(P)
Optimal Running Speed:	10-15 m/min
Fabric Width:	1.8 / 2.4 meters
Standard Roll Diameter:	500 mm

WORKFLOW DIAGRAM



OPTIONAL FUNCTIONS

			
4-Point System	Width Measuring Device	Linear Fabric End Cutter	Automatic Weighing Scale

ST-ASCM

AUTOMATIC FABRIC SAMPLE CUTTING MACHINE



TECHNICAL SPECIFICATIONS

Model:	ST-ASCM
Fabric Type:	All fabrics
Cutting Length:	1600 mm
Cutting Height:	80 mm
Cutting Blade Hardness:	Japanese Imported Alloy Steel
Cutting Accuracy Error:	Less than 0.5mm

ST-MSCM

MOTORIZED FABRIC SAMPLE CUTTING MACHINE

TECHNICAL SPECIFICATIONS

Model:	ST-MSCM
Cutting height:	50 mm
Drive:	Motorized
Cutting Length:	500 mm(standard)



AI AUTOMATION

PACKING

INSPECTION

FOLDING

SLITTING

RELAXING

CUTTING



THEY PUT THEIR TRUST IN US

