

Two blue 3D human-like figures stand on a white reflective surface, holding a large rectangular sign with a dark border. The sign contains text in a dark blue font. The background is a plain, light-colored wall.

**SUNTECH Machine Which
Suitable for Weaving
Factory**

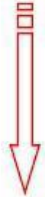
Flow Chart for Weaving Unit

 : SUNTECH Textile Machines

- ❖ Warp Beam
- ❖ Size Beam
- ❖ Weaving Beam

❖ **BEAM TROLLEY:** Loading, unloading and transporting beams from warping machine to sizing machine, and from sizing machine to weaving machine

- ❖ WARP TYING MACHINE



Weaving Machine

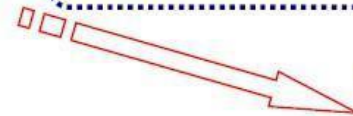
Cloth Roll (usually roll diameter ≤600mm)

❖ **CLOTH ROLL DOFFING TROLLEY:** transport cloth rolls from weaving machine to inspect



❖ **LOOM TAKE-UP MACHINE (Batcher Winder)**

Big Batcher (max. Diameter can be 1.5m after winding by Loom-take Up M/c



❖ **FABRIC INSPECTION MACHINE**

❖ **AUTOMATIC FABRIC ROLL PACKING MACHINE**

❖ **BATCHER TROLLEY:** transport the big batcher from batcher winder to inspect

- ❖ Warp Beam
- ❖ Size Beam
- ❖ Weaving Beam
- ❖ Cloth Roll

❖ **BEAM TROLLEYS /BATCHER TROLLEYS:** transport beams /fabric rolls to beam stacker



❖ **BEAM STACKER(ST-BS):**store beams/ fabric rolls , select beams automatically, and also save space and labor, avoid yarns/fabric rolls to damage.



**Loom Take-up
Machine**

Loom Take-up Machine(ST-LTM-01)



TECHNICAL SPECIFICATIONS

Speed	synchronized with weaving machine-standard 0.1-15m/min
Fabric Width	1.8-4.0m
Batching Diameter max.	1500mm(standard 1200mm)
Remark	Variable working width is possible and can be tailor-made to your requirements

SPECS REQUIRED TO MAKE QUOTATION:

- 1) Whether the customer request for inspection function on Batcher Winder?
- 2) What is the type of loom, like Water jet, Air jet, Rapier loom or others? What is the loom brand, model, nominal working width and its max. speed? Where is the loom electric cabinet located, left or right?
- 3) What is the type of fabric? like denim, terry towel, fiber glass, grey cotton, chemical fiber filament or others? It's better to advise us the fabric GSM and Yarn count.
- 4) What will be the max. batcher diameter?
- *5) Whether the cloth roller will be provided by Suntech or yourself?(the batcher will be winded on cloth roller)



Loom Take-up Machine(ST-LTM-01) (without inspection function)



TECHNICAL SPECIFICATIONS

Speed	synchronized with weaving machine-standard 0-10m/min
Fabric Width	1.8-4.0m
Batching Diameter max.	1500mm
Remark	Variable working width is possible and can be tailor-made to your requirements

SPECS REQUIRED TO MAKE QUOTATION:

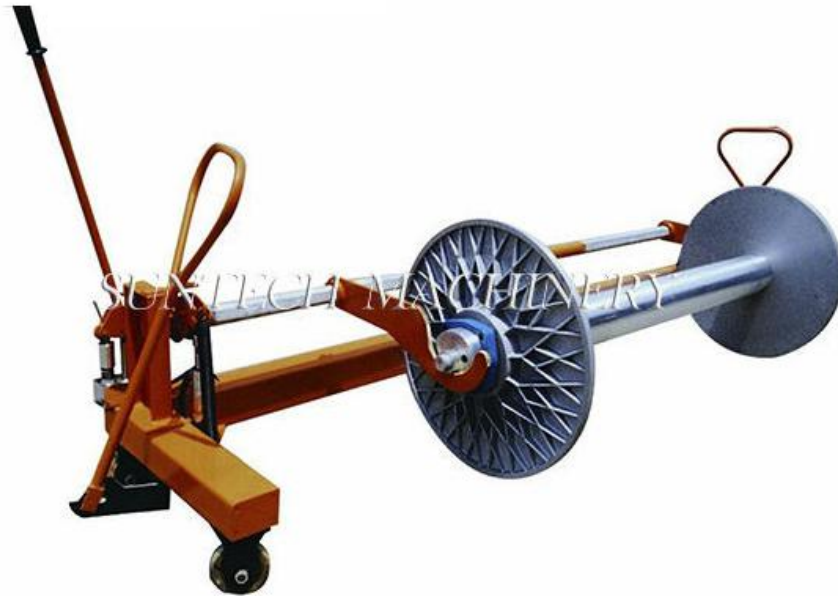
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- 4) What will be the max. batcher diameter?
- *5) Whether the cloth roller will be provided by Suntech or yourself?(the batcher will be winded on cloth roller)





**Hydraulic/Motorized
Beam Trolley**

Hydraulic Warp Beam Lift Trolley(ST-HBT-01)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Lifting Height	700mm for bottom beam
Hydraulic Cylinders	two
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- *3) It's better inform the distance between the out wall of the loom or send the loom layout..

Motorized Warp Beam Lift Trolley(ST-MBT-01)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Beam Barrel Diameter	100-400mm
Driven	two AC motors

SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- *3) It's better inform the distance between the out wall of the loom or send the loom layout.



Hydraulic Warp Beam Lift Trolley with Harness Mounting Device (ST-HBT-02)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Lifting Height	700mm for bottom beam/ 1950mm for heald frame
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise the number of harness frames required.
- 4) Please advise the max. lifting height for beam and harness frame

Motorized Warp Beam Lift Trolley with Harness Mounting Device(ST-MBT-02)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Beam Barrel Diameter	100-400mm
Driven	two AC motors



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise the number of harness frames required.
- 4) Please advise the max. lifting height for beam and harness frame

Hydraulic Warp Beam Lift Trolley with Harness Mounting Device For Twin Beams(ST-HBT-03)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Lifting Height	700mm for bottom beam/ 1950mm for heald frame
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise the number of harness frames required.
- 4) Please advise the max. lifting height for beam and harness frame

Motorized Warp Beam Lift Trolley with Harness Mounting Device For Twin Beams(ST-MBT-03)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Beam Barrel Diameter	100-400mm
Driven	two AC motors



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise the number of harness frames required.
- 4) Please advise the max. lifting height for beam and harness frame

Hydraulic Warp Beam High Lift Trolley (ST-HBT-05)



TECHNICAL SPECIFICATIONS

Carrying Capacity	800-1500kg
Beam Flange Diameter	600-1000mm
Lifting Height	2300mm
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise max. lifting height for Top&Bottom beam

Motorized Warp Beam High Lift Trolley (ST-MBT-05)



TECHNICAL SPECIFICATIONS

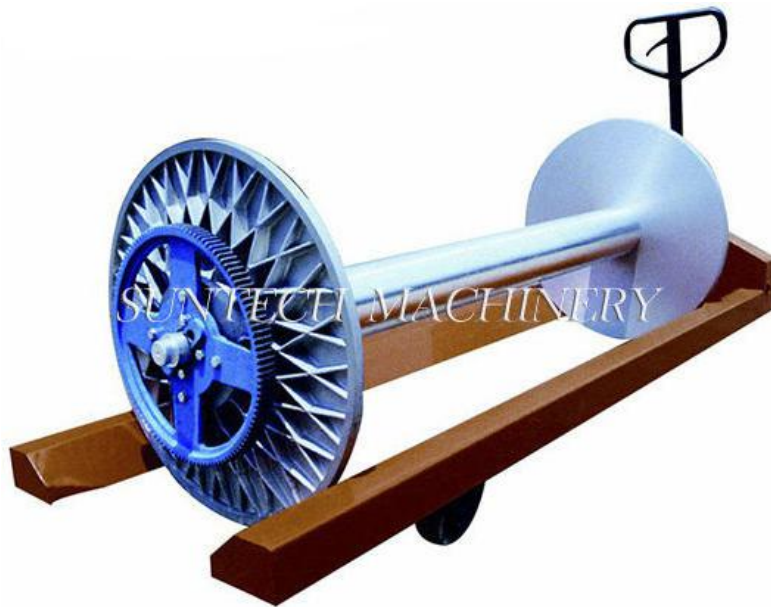
Carrying Capacity	1000-2500kg
Beam Flange Diameter	800-1250mm
Beam Barrel Diameter	100-400mm
Lifting Height	2300



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the loom brand, model and nominal working width?
- 2) Pls advise the beam flange diameter, beam tube diameter, beam tube length and max. beam weight.
- 3) Pls advise max. lifting height for Top&Bottom beam

Hydraulic Warp Beam Low Lift Trolley(ST-HBT-09)



TECHNICAL SPECIFICATIONS

Carrying Capacity	Up to 2000kgs
Beam Flange Diameter	800-1250mm
Hydraulic Cylinders	one
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the min. & max. diameter of warp beam flange?
- 2) What is the max. beam tube length?
- 3) What is the max. beam weight?

Hydraulic Empty Warp Beam Low Lift Trolley (ST-HBT-09I)



TECHNICAL SPECIFICATIONS

Carrying Capacity	400kg
Beam Flange Diameter	800-1250mm
Hydraulic Cylinders	one
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. diameter of warp beam flange?
- 2) What is the max. beam tube length & beam tube diameter?
- 3) What is the max. beam weight?

Motorized Warp Beam Low Lift Trolley(ST-MBT-09)



TECHNICAL SPECIFICATIONS

Carrying Capacity	800-2500 kg
Beam Flange Diameter	800-1250mm
Driven	two AC motors



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the min. & max. diameter of warp beam flange?
- 2) What is the max. beam tube length?
- 3) What is the max. beam weight?

Two blue 3D human-like figures stand on a white reflective surface, holding a large rectangular sign with a dark border. The sign contains the text 'Hydraulic/Motorized Cloth Roll Trolley' in a bold, dark blue font. The background is a plain, light-colored wall.

**Hydraulic/Motorized
Cloth Roll Trolley**

Hydraulic Cloth Roll Doffing Trolley(ST-HBT-07)



TECHNICAL SPECIFICATIONS

Carrying Capacity	300-500kg
Cloth Roll Diameter	500mm
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) Whether the cloth roll is coming from the weaving machine directly?
- 2) What is the max. cloth roll diameter & roll weight?
- 3) What is the max. lifting height required?(to match with the Weaving Machine)?

Hydraulic Cloth Roll Doffing/Dosing Trolley(for fabric inspection machine)(ST-HBT-07I)



TECHNICAL SPECIFICATIONS

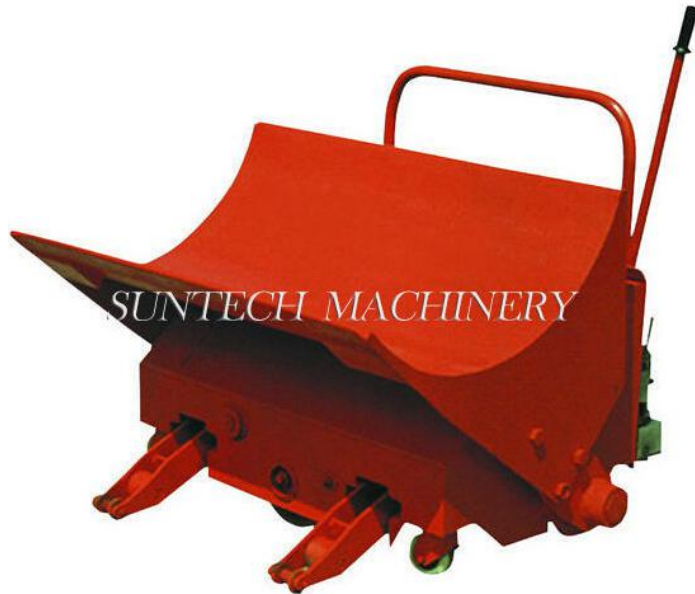
Carrying Capacity	300kgs
Cloth Roll Diameter	500mm
Lifting Height	1100mm
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. cloth roll diameter & cloth roll weight?
- 2) What is the max. lifting height required? (to match with the Fabric Inspection Machine.

Hydraulic Cloth Roll Doffing Trolley- For Narrow Alley(ST-HBT-07II)



TECHNICAL SPECIFICATIONS

Carrying Capacity	upto 1000kgs
Cloth Roll Diameter	upto 1000mm
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. cloth roll diameter & roll weight?
- 2) What is the max. lifting height required?(to match with the Weaving Machine)?
- 3) What is the distance between looms?

Hydraulic Batch Trolley(ST-HBT-08)



TECHNICAL SPECIFICATIONS

Carrying Capacity	1000-2000 kgs
Batch Diameter	800-1500mm
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. batch width?
- 2) What is the max. batch diameter?
- 3) What is the max. batch weight?
- 4) What is the max. Lifting Height required?(to match with the Loom Take-up Machine)

Motorized Big Batch Transport Trolley(ST-MBT-08)



TECHNICAL SPECIFICATIONS

Carrying Capacity	800-2000 kgs
Batch Diameter	800-1500mm
Driven	two AC motor



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. batch width?
- 2) What is the max. batch diameter?
- 3) What is the max. batch weight?
- 4) What is the max. Lifting Height required?(to match with the Loom Take-up Machine)



**Fabric Inspection
Machine**

FABRIC INSPECTION MACHINE

ST-SFIM

SIMPLE INSPECTION MACHINE



- Ideal for all kinds of fabric inspecting
- Accurate fabric length assessment
- Versatile fabric input & output options

ST-TIM

TABLE-TYPE INSPECTION MACHINE



- Ideal for narrow-width fabric checking.
- Accurate fabric edge control
- Accurate length assessment

ST-WFIM

WOVEN FABRIC INSPECTION MACHINE



- Ideal for inspecting woven materials
- Accurate fabric edge control
- Accurate length assessment

Data required in case of inquiry/order:



Fabric Type:

Fabric Width:

Min.: _____ ; Max.: _____

Fabric Inlet form:

Your Choice(A/B/C): ___

A. Plaited Fabric
 B. Fabric Roll Max. Roll Dia.: _____
 C. A-frame Max.Dia. _____;Max.Weight: _____

Fabric Outlet Form:

Your Choice(A/B/C): ___

A. Plaited Fabric
 B. Fabric Roll Max. Roll Dia.: _____
 C. A-frame Max.Dia. _____; Max.Weight: _____

BATCHING MACHINE



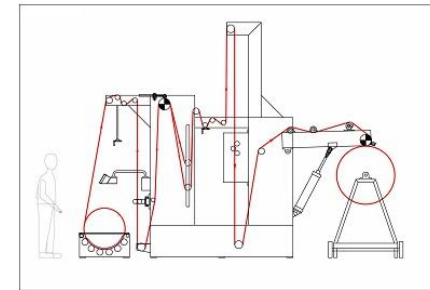
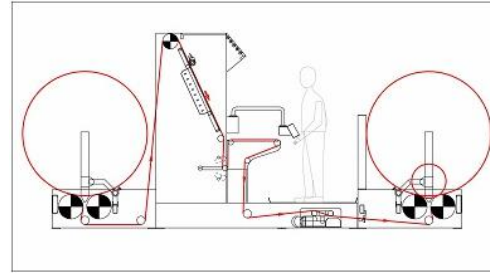
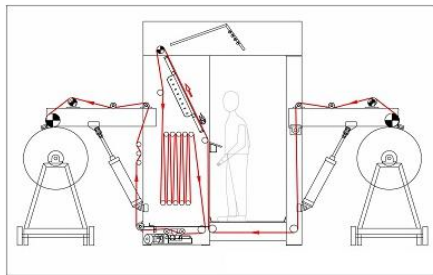
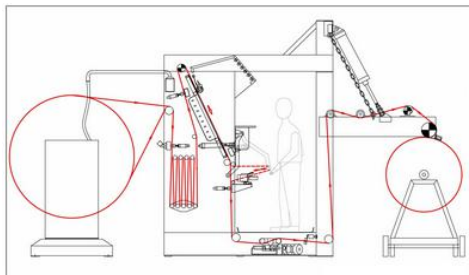
- Direct centre driven system for unwinding.
- PLC control
- Accurate fabric length measurement
- Accurate fabric edge alignment.

ST-BM-02

ST-BM-03

ST-BM-04

ST-BM-05



Data required in case of inquiry/order:



Fabric Type:	
Fabric Width:	Min.: _____ ; Max.: _____
Fabric Inlet form:	Your Choice(A/B/C): _____ A. Plaited Fabric B. Fabric Roll Max. Roll Dia.: _____ C. A-frame Max.Dia. _____; Max.Weight: _____
Fabric Outlet Form:	Your Choice(A/B/C): _____ A. Plaited Fabric B. Fabric Roll Max. Roll Dia.: _____ C. A-frame Max.Dia. _____; Max.Weight: _____



Fabric Folding Machine

FABRIC FOLDING MACHINE

ST-DFLM

FABRIC DOUBLE FOLDING&LAPPING MACHINE



ST-DFRM

FABRIC DOUBLE FOLDING&ROLLING MACHINE



Data required in case of inquiry/order:



Fabric Type:

Fabric Width:

Min.: _____ ; Max.: _____

Fabric Inlet form:

Your Choice(A/B/C): ___

A. Plaited Fabric B. Fabric Roll Max. Roll Dia.: _____
C. A-frame Max.Dia. _____;Max.Weight: _____

Fabric Outlet Form:

Your Choice(A/B/C): ___

A. Folded on Paper Tube B. Folded on Cardboard Bolt
C. Both A&B



**Automatic Fabric Roll
Packing Machine(ST-
ARPM)**

Automatic Fabric Roll Packing Machine(ST-ARPM)



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the range of fabric roll width?
- 2) What is the range of fabric roll diameter?
- 3) What is the max. fabric weight?



**Computerized Beam
Storage System-Beam
Stacker(ST-BS)**



SPECS REQUIRED TO MAKE QUOTATION:

- 1) Please advise the beam tube length, beam flange diameter, beam weight
- 2) Pls advise the required storing quantity
- 3) Please advise the available space



Others

Hydraulic A-Frame Trolley-ST-HBT-11



TECHNICAL SPECIFICATIONS

Carrying Capacity	2500kg
Hydraulic Cylinders	one
Hydraulic Unit	one



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. carrying capacity?
- 2) Pls advise whether the diameter of spherical head is 45mm or 40mm.
- 3) Pls advise whether the initial height is 200mm or 230mm.

Motorized A-frame Trolley(ST-MBT-11)



TECHNICAL SPECIFICATIONS

Carrying Capacity	3000kg/5000kg
Lifting Height	300-350mm
Driven	Two AC motors



SPECS REQUIRED TO MAKE QUOTATION:

- 1) What is the max. carrying capacity?
- 2) Pls advise whether the diameter of spherical head is 45mm or 40mm.
- 3) Pls advise whether the initial height is 200mm or 230mm.