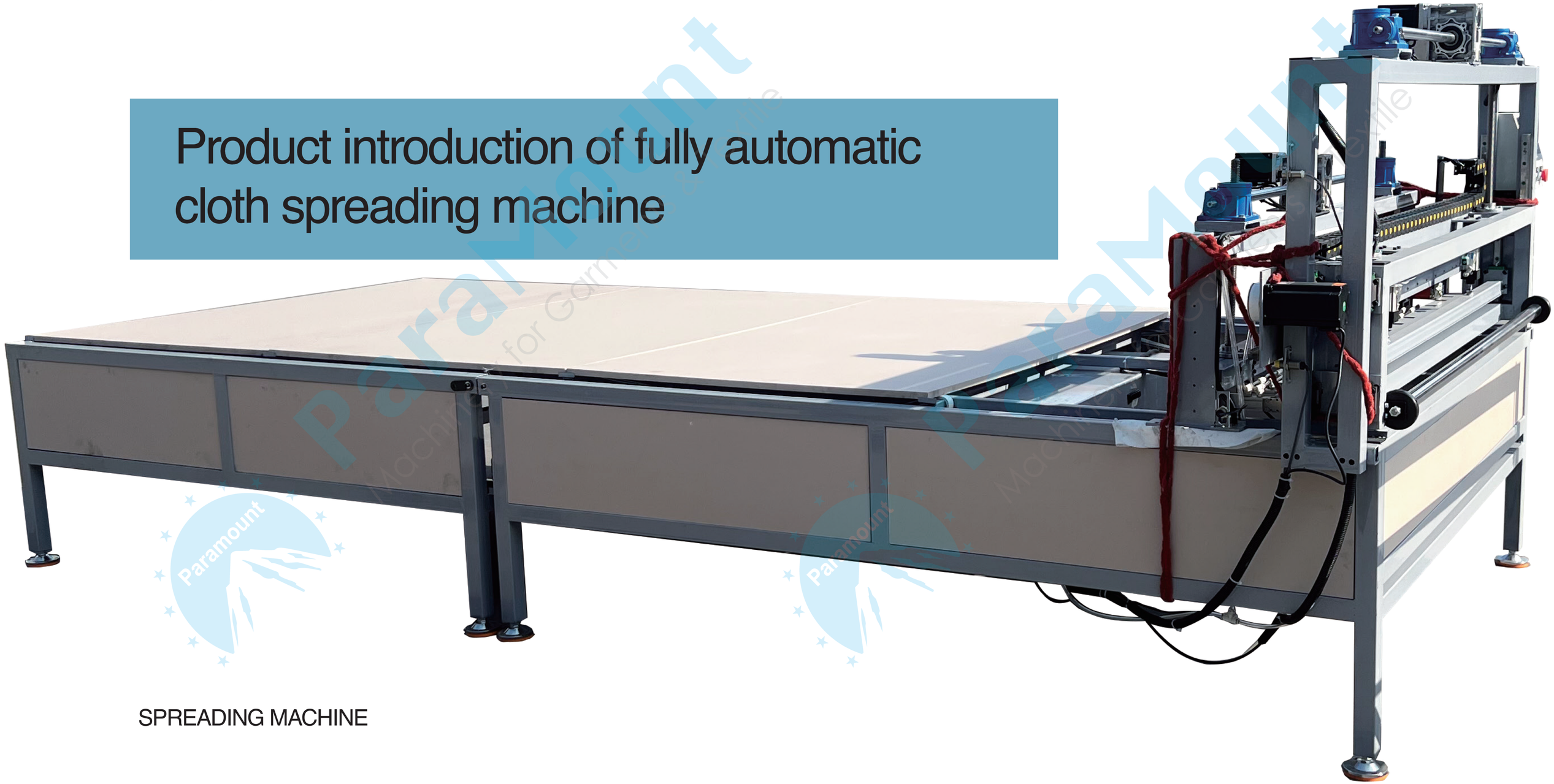
ParaMount
Machinery for Garments & Textile

# Product introduction of fully automatic cloth spreading machine



SPREADING MACHINE

ParaMount
Machinery for Garments & Textile




## Applicable industries

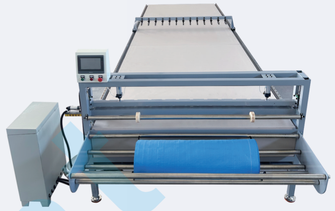
PARAGON automatic fabric spreading machine is suitable for: all inelastic fabrics or slightly elastic individual fabrics such as woven fabrics: clothing, home textiles, medical, inflatable models, sofas, hats, bags, non-woven fabrics, sponges, plush toys, automotive interiors, and other application fields.

## MACHINE FEATURES

Automatically stops when there is no cloth, automatically returns to the origin after completion, automatic edge trim ming control system, automatic lifting con trol system, emergency stop, PLC computer control system operates stably, and is equipped with a cutting knife. For the belt-pulling and cloth-pressing device, if there are special materials weighing sev eral hundred kilograms, cylinder loading and motor-assisted feeding can be used to improve efficiency and reduce costs.

ParaMount
Machinery for Garments & Textile

# PRODUCT LIST



| PARAMETER | PLAN A | PLAN B | PLAN C |
|---|---|---|---|
| Spreading width | 1800following | 2100 | 2400 |
| Maximum fabric weight | 500About kilograms | 500About kilograms | 500About kilograms |
| Maximum roll diameter | Customized according to material diameter | Customized according to material diameter | Customized according to material diameter |
| Processing speed | About 10-35m/min Adjustable | About 10-35m/min Adjustable | About 10-35m/min Adjustable |
| Spreading height | Customized height/auto lift | Customized height/auto lift | Customized height/auto lift |
| total power | 3.5kw (Main motor 2kw servo motor) | 3.5kw (Main motor 2kw servo motor) | 3.5kw (Main motor 2kw servo motor) |
| Power requirements | Single phase current 220V | Single phase current 220V | Single phase current 220V |
| size | 6 m long  2.15 m wide | 10 m long  2.45 m wide | 15 m long  2.75 m wide |
| Table length | 6m | 10m | 15m |

Special mechanical equipment and dimensions can be customized according to customer needs

ParaMount
Machinery for Garments & Textile

# STANDARD VERSION MAIN TECHNICAL PARAMETERS

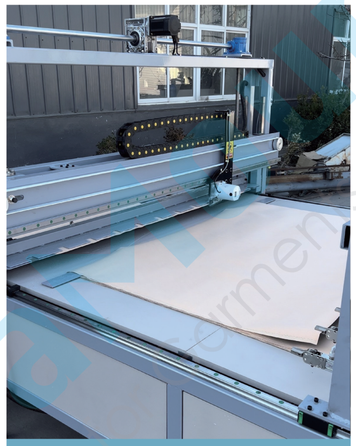
| Configuration name | unit | quantity | Remark |
|---|---|---|---|
| Auxiliary feeding and adding strips | / | / | / |
| Cutting knife material | / | / | Inlaid edge steel |
| Feed size adjustment range | MM | / | 0.1-10000 |
| touchscreen | / | / | Explicit control |
| Cutting thickness | MM | / | ≈0.1-20MM（Only applicable materials） |
| Operation mode | / | / | timing belt |
| Total Weight | KG | / | ≈ 500kg |
| main motor power | tower | 3 | 2KW servo motor （total power3.5KW） |
| Processing range | M | / | 1800*7200 |
| Processing speed | M/MIN | / | ≈ 10-35m/min Adjustable |
| Cutting method | Bundle | 1 | Cold cutting (blade), hot cutting optional |
| Operation method | / | 1 | Manual, remote control |

ParaMount
Machinery for Garments & Textile

# UPGRADED VERSION CAN BE EQUIPPED WITH ADDITIONAL CONFIGURATIONS



AUTOMATIC CORRECTION AND FEEDING RACK



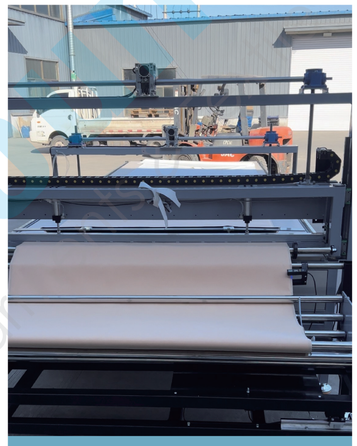
AUTOMATIC LIFT HEAD



PULL MULTI-LAYER MATERIAL RACK AT ONE TIME



CYLINDER AUTOMATIC PRESSING



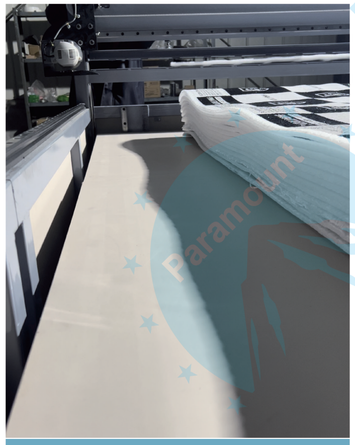
AUTOMATIC CORRECTION AND FEEDING RACK



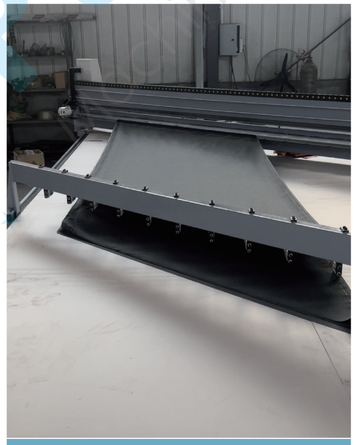
CYLINDER AUTOMATIC LOADING



FABRIC SMOOTHING BRUSH



AUTOMATIC LIFTING AND LOWERING OF THE TABLE



45 DEGREE BEVEL CUT

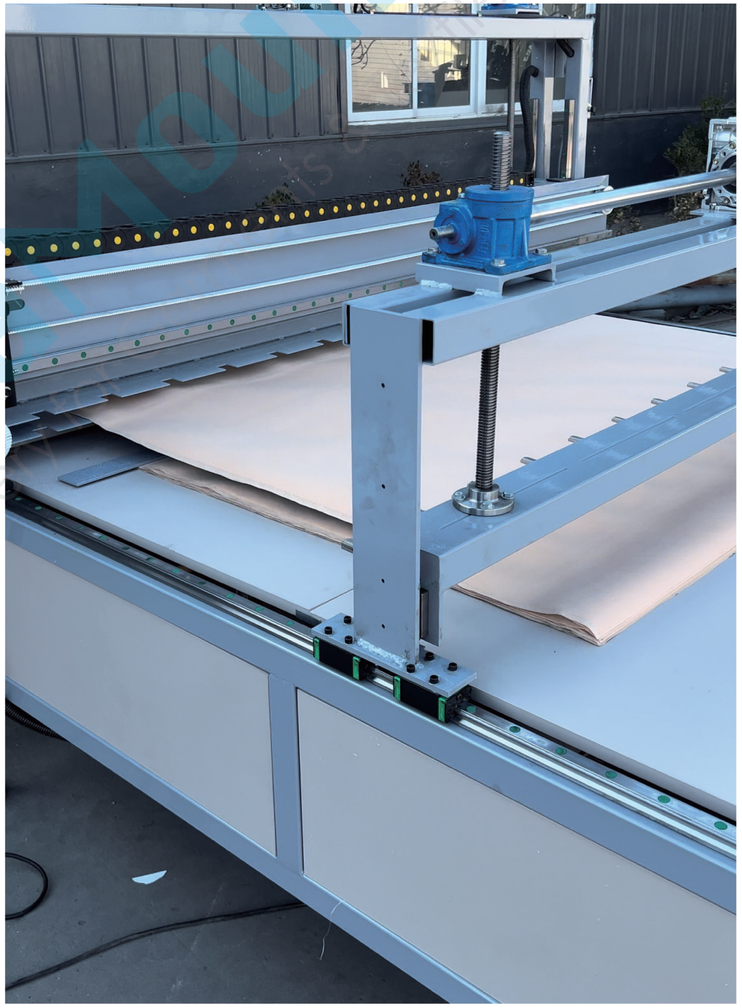


CAN BE INSTALLED INTO STRIPS AND THEN CUT OFF

ParaMount
Machinery for Garments & Textile



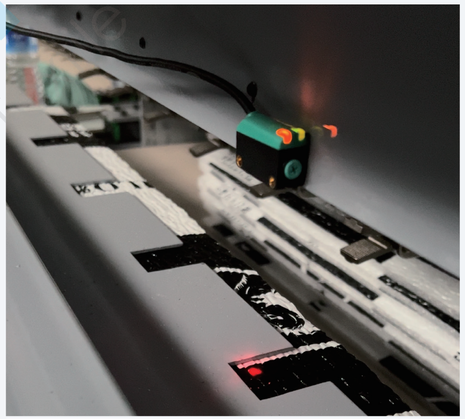
## PRODUCT PICTURE DETAILS DISPLAY



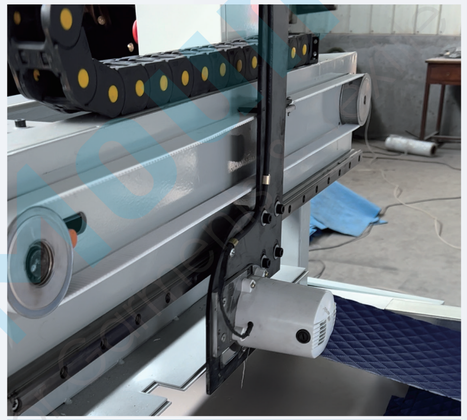
ParaMount
Machinery for Garments & Textile




PLC CNC OPERATIO N PANEL



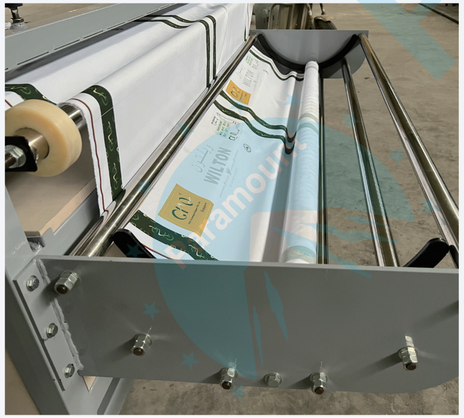
AUTOMATIC SHUTDOWN WHEN NO MATERIAL IS AVAILABLE



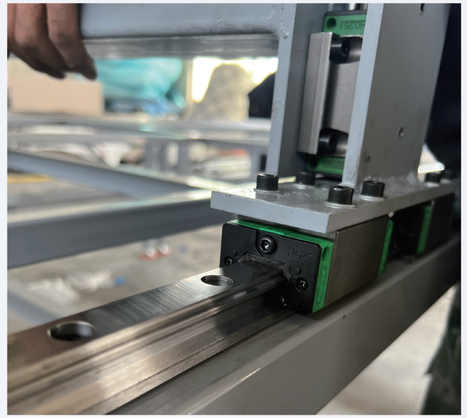
AUTOMATIC CUTTING



MATERIAL CLAMP



MATERIAL RACK



MUTE SLIDER