



**CAD System™**  
Masters of Technology

# ***MTR s9 CUT X PRO***

**AI INTELLIGENT AUTO FABRIC CUTTER**





A company specializing in the design and manufacture of multi-ply automatic cutter for 18 years.



R&D & MFG Base in Qindao



A company specializing in the design and manufacture of multi-ply automatic cutter for 18 years.





A company specializing in the design and manufacture of multi-ply automatic cutter for 18 years.



HD & MFG Base in Qindao



2008

Manufacturing partner of GERBER USA on GMC/XLc7K Cutter.

Become the Vacuum System Supplier for GERBER.

2010

Participated in the Design and manufacturing of GERBER Paragon Cutter prototype.

Production partner of Paragon Cutter

2016

Design Me100 blower for GERBER iTable.

2017

Design & Test of GERBER G72 Cutter

Design Mar 50 Vacuum Blower

Design Vortex 45 & 50 Separator

Design TwinSilence280 Silencer

Production partner of G72 Cutter

2019

Test and MFG partner of GERBER Atria Cutter

Mars 50 Vacuum Blower Become the new replacement for Republic blowers of GERBER Paragon Cutter.



# Dare to experience

New face,  
old souls.

17+  
years

Service  
Team

Highly  
experienced

Electrical  
systems  
development  
Manufacturing

22

-Auto Cutter  
-Vacuum Sys  
Mechanical Design  
Equipment MFG

Follow  
US &  
EU

We are located  
in **Jimo District**,  
Qingdao Yungesi  
Garment Automation  
Equipment Co.,Ltd.  
117, Kongque  
River 5th Road,  
Clothing Industry  
Park, Tongji

to Local Airport.  
30 min

Software and  
Electrical  
Engineering Team

19

The S-series multi-ply cutter

## Pure power.

**MTR s9 cut XPRO** S 9/6 Multi-ply Auto Cutter

Powered by revolutionary EVOLUTION System.

Featuring On-the-Fly Cutting and Intelligent Cutting Correction (ICC).

Redefining cutting quality and efficiency with disruptive upgrades.

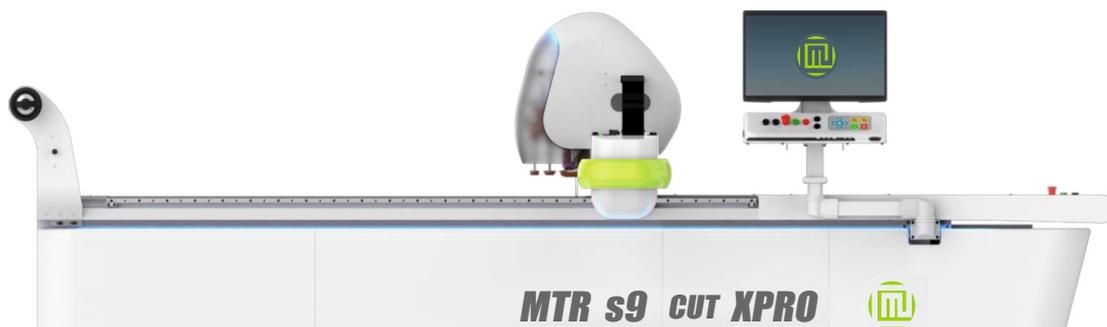
6,000 RPM Vibrating Head Assembly for ultra-fast, rock-steady operation.

Million-cycle Proven Steel Tub withstands 25kPa vacuum pressure.

GALAXY Mars55 Vacuum System with industry-leading 45kW power.

Concealed Silencer Design maximizes workspace accessibility

Where Raw Power Meets Uncompromised Innovation.



Take a closer look.

Double Driller



Single Driller



## Cutting Knives

S6  
2 x 7 mm



S9  
2.4 x 8.5 mm



## 2 Heights 9/6 cm

S9

9cm

Max Cutting Thickness

S6

6cm

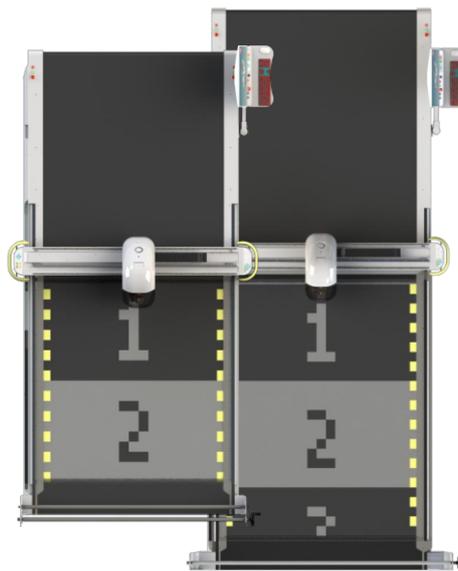
Max Cutting Thickness 2.2m



## Dual Cutting Capacities. Boundless Possibilities.

18XX

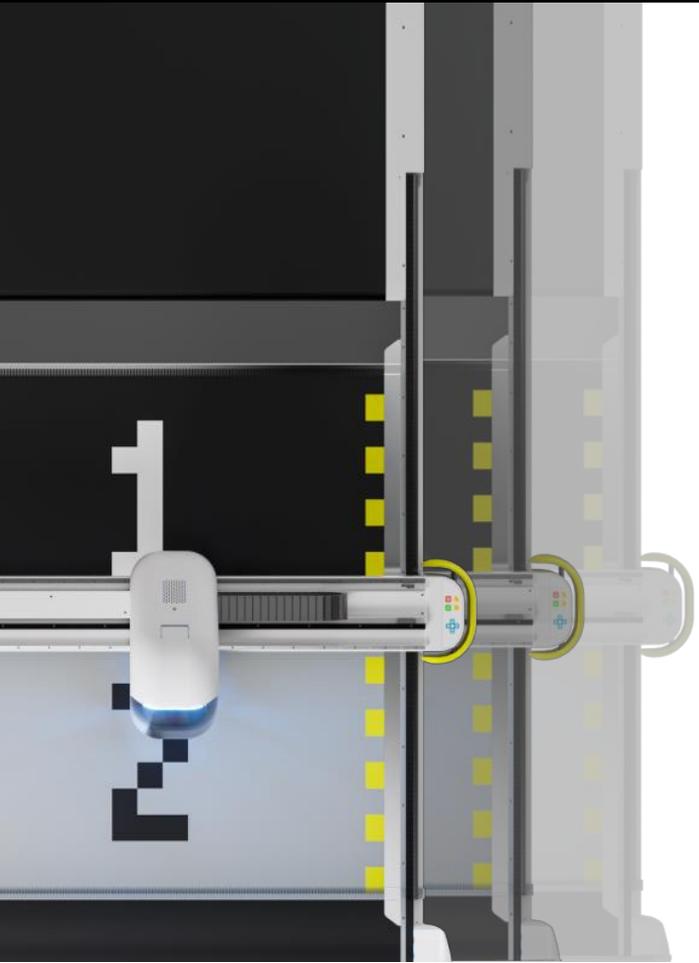
1.8m



25XX

2.5m

Max Cutting Length



## 3 Widths

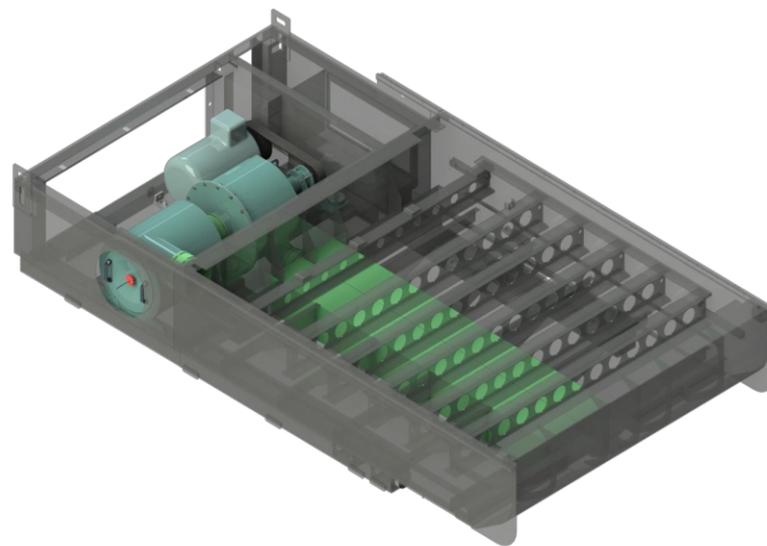
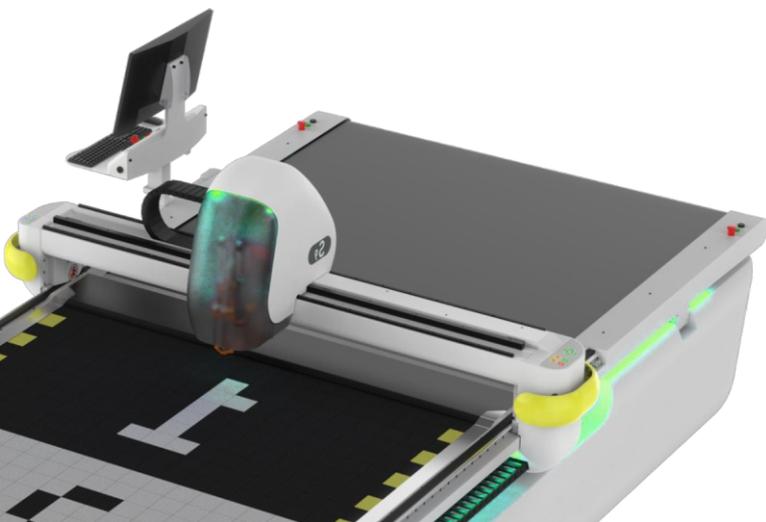
—  
XX18  
**1.8m** Max cutting width

—  
XX20  
**2.0m** Max cutting width

—  
XX22  
**2.2m** Max cutting width

—  
CUSTOMIZE

Why settle for a cutting room  
with a “CHIMNEY”?



**MTR s9 cut XPRO**

Concealed  
Exhaust ,



## Unbreakable

## Built Tub Like a Battle Tank

Backed by 17 years of designing and manufacturing cutter for global premium brands, we've created this monolithic tank-grade tub.



## Heatwave? 24/7 Battle-Ready

**MTR s9 cutXPRO** TubeCooling  
The Invisible Cooling Beast  
0.75kW Structural Air Tunnels Cooling,  
Industrial-grade forced air chilling.  
Hidden Duct Architecture, zero visible  
vents, 100% clean lines.



# Vacuum MAX

Mix & match motor/blower

+

IEC 22kwIE4 Motor  
22kw VFD



+

IEC 30kwIE4 Motor  
30kw VFD



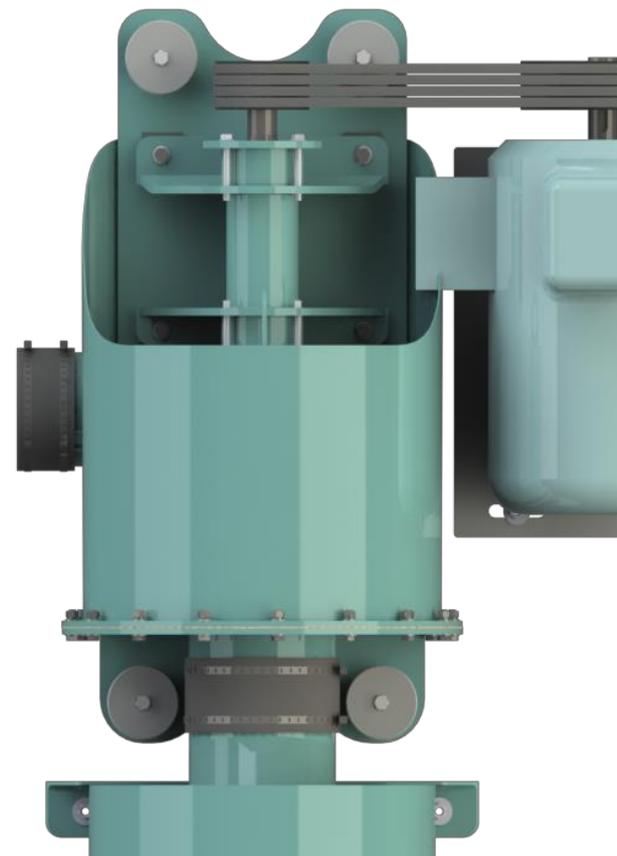
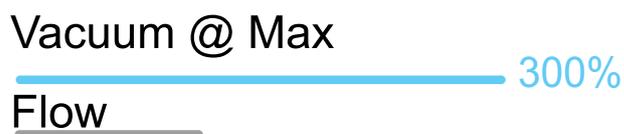
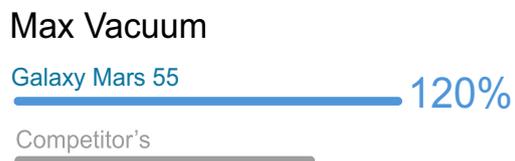
+

IEC 37kwIE5 Motor  
37kw VFD



+

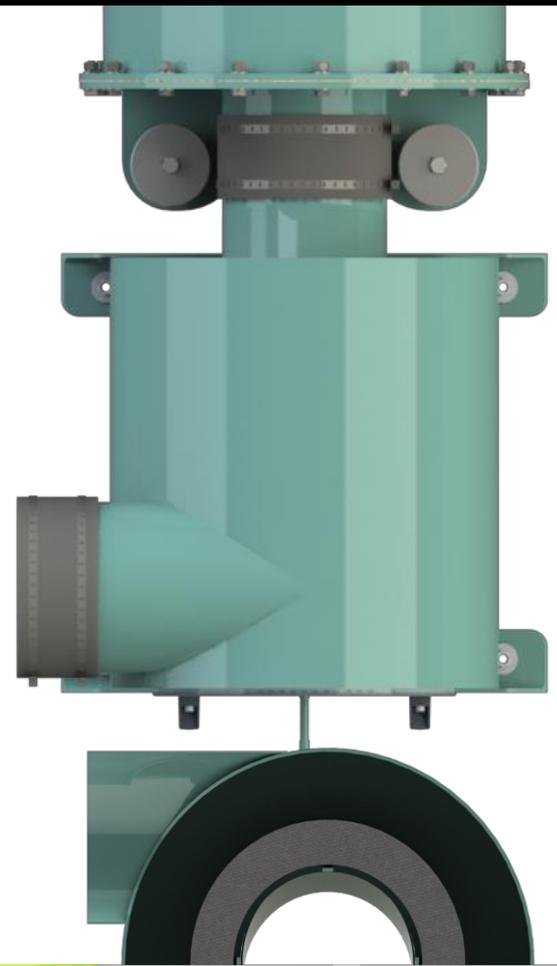
IEC 45kwIE5 Motor  
45kw VFD



# Clogged filter killing Productivity?

## Galaxy Vortex 45

Patented cyclone + cartridge  
design with cleaning indicator



Extended cleaning  
cycle 300%

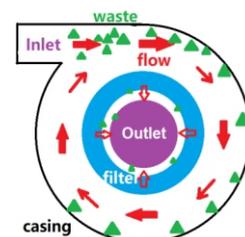
Galaxy Vortex45

30%

Galaxy  
Vortex45

Galaxy  
Vortex45

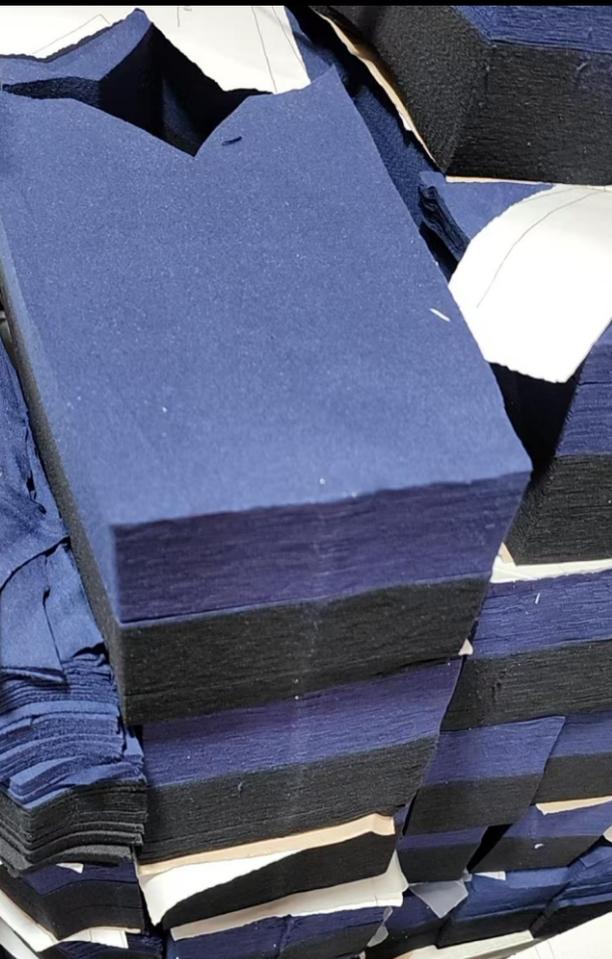
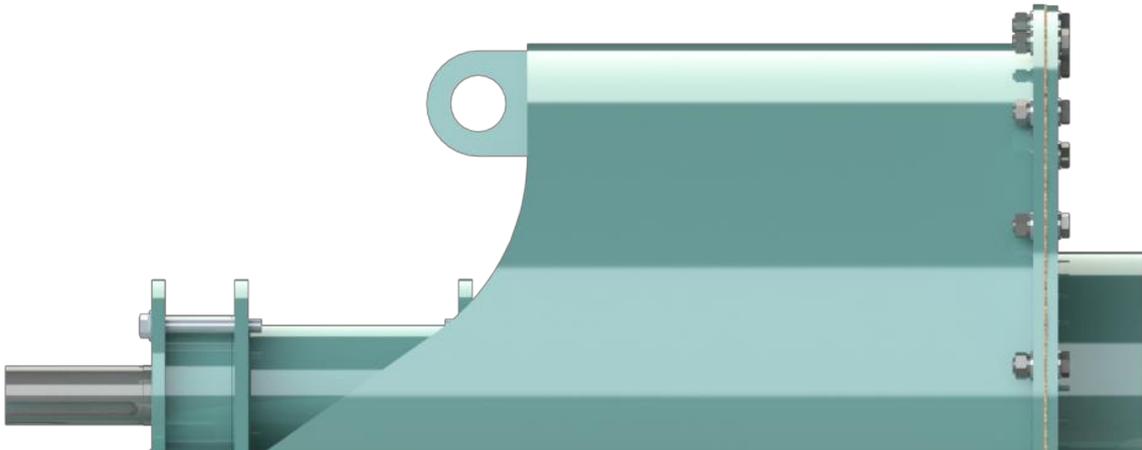
Cyclone + Cartridge



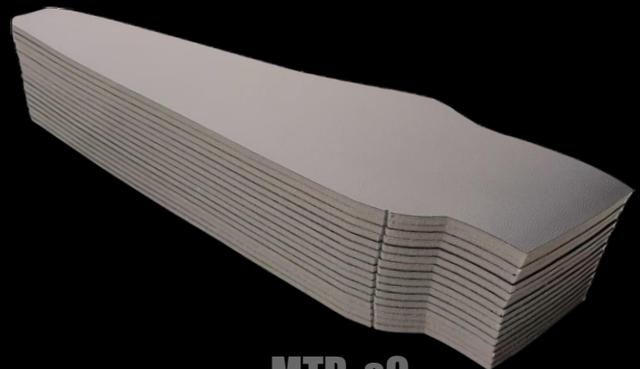
Weak vacuum due to leaking?  
**Bring It On.**

**Galaxy Mars 50/55**

The Multistage Vacuum  
Champion Multi-Patented  
Centrifugal Design,



**Flawless Top-to-  
Bottom, Cutting with**

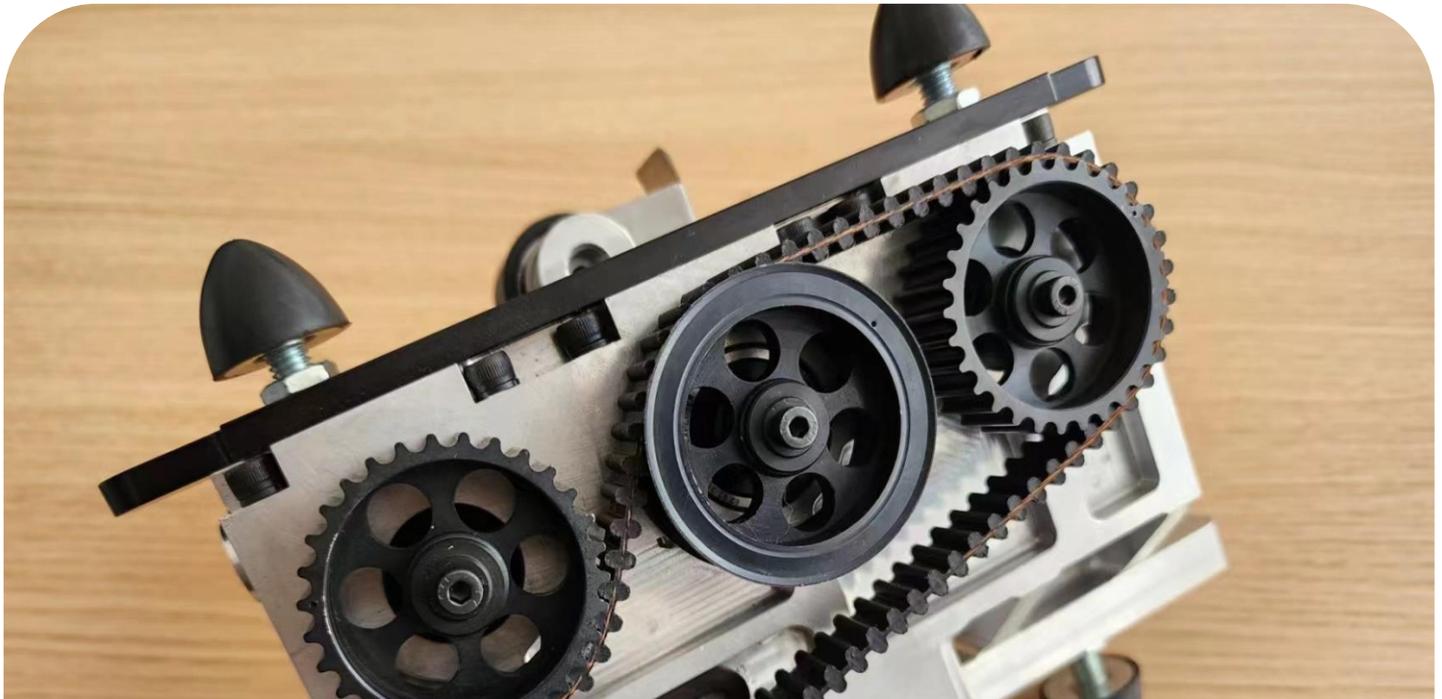


S Cutter Powered by **MTR s9**  
Advanced Intelligent Cutting Correction (ICC)  
Ensures perfect vertical cutting alignment  
in multi-layer operations.

**Think You Know Fast?  
Think Again.**  
6000rpm

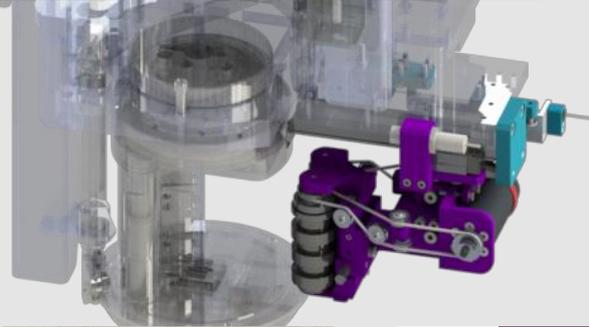
**MTR s9** *Vibration Unit*

Rotating components balanced to ISO G2.5 standard, enabling complete elimination of first-order vibration

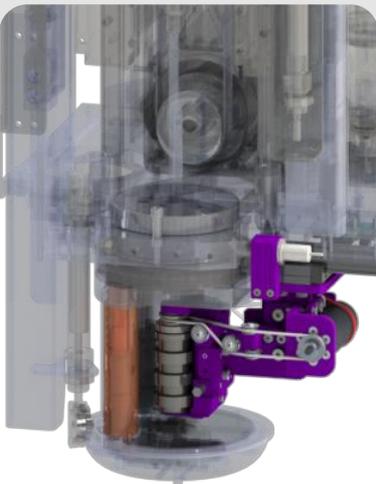


**MTR s9  
EdgeMASTER**

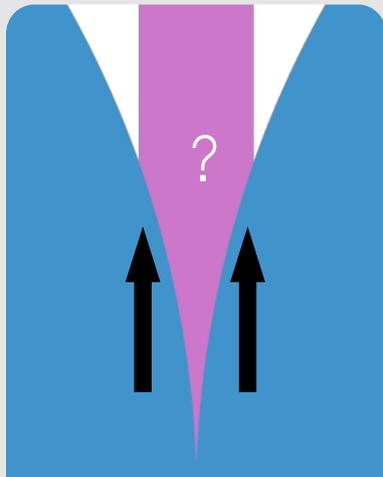
Advanced Concave Grinding Wheel Sharpening System



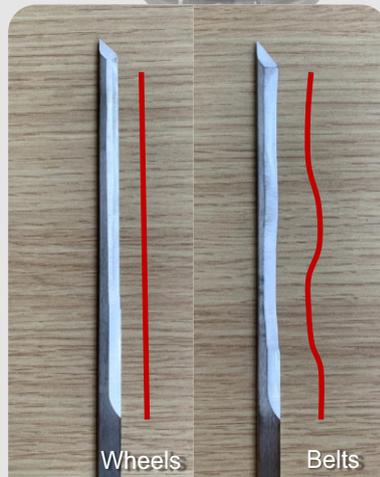
What are the advantages of our sharpening system compared to sanding belts?



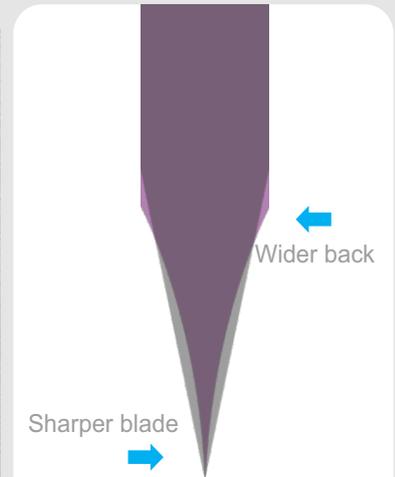
**0.7** s Lightning-Fast Blade Sharpening



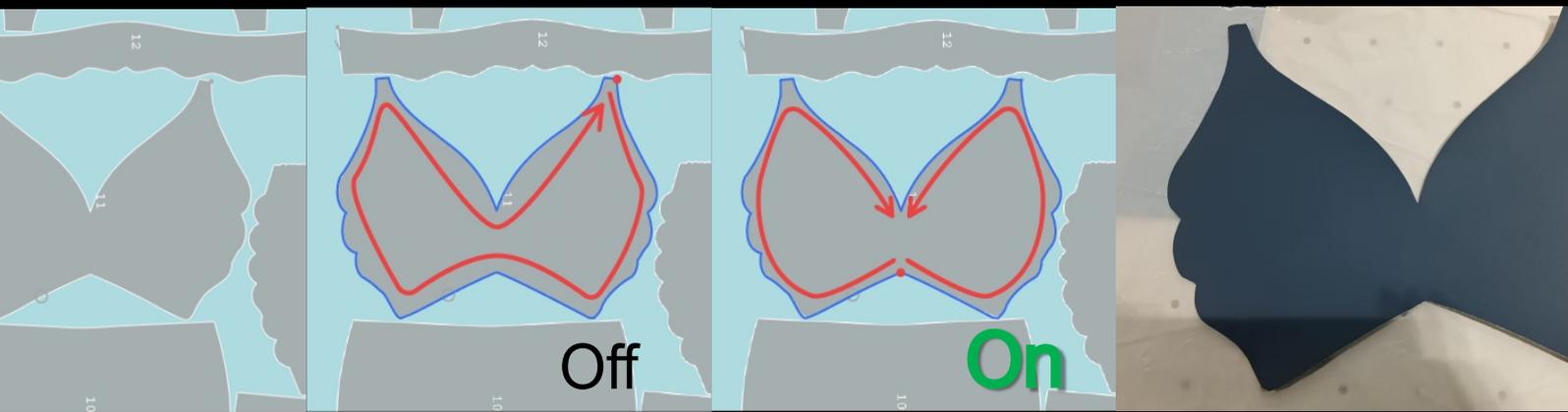
Blade-Width Detection, Takes



Grinding Wheels Deliver Straighter Edges Than Belts.



Razor-Sharp Edge. Reinforced Knife Back.

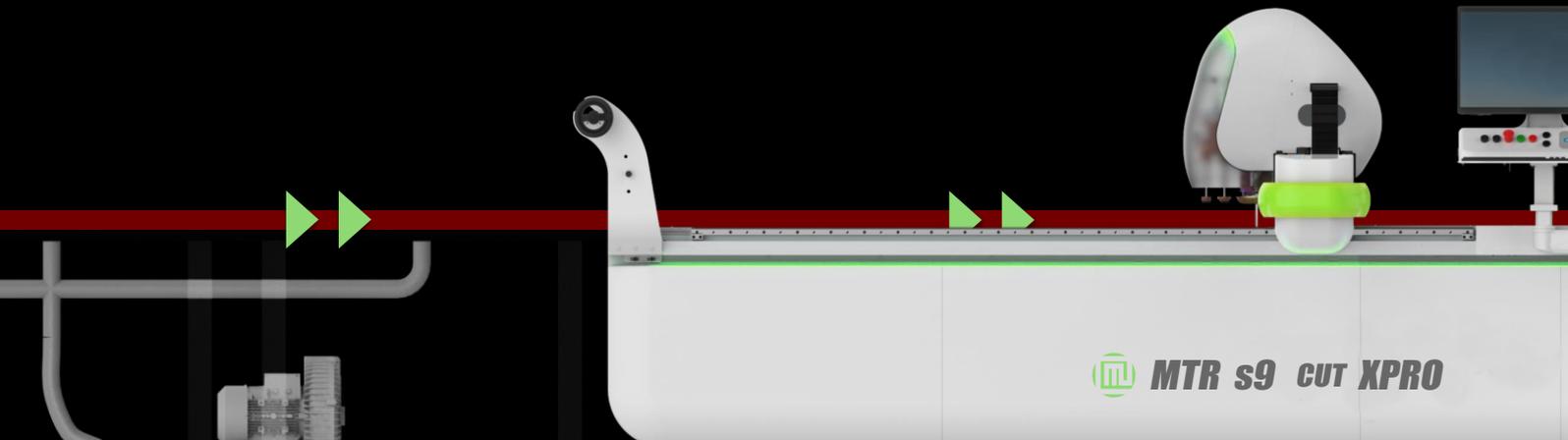


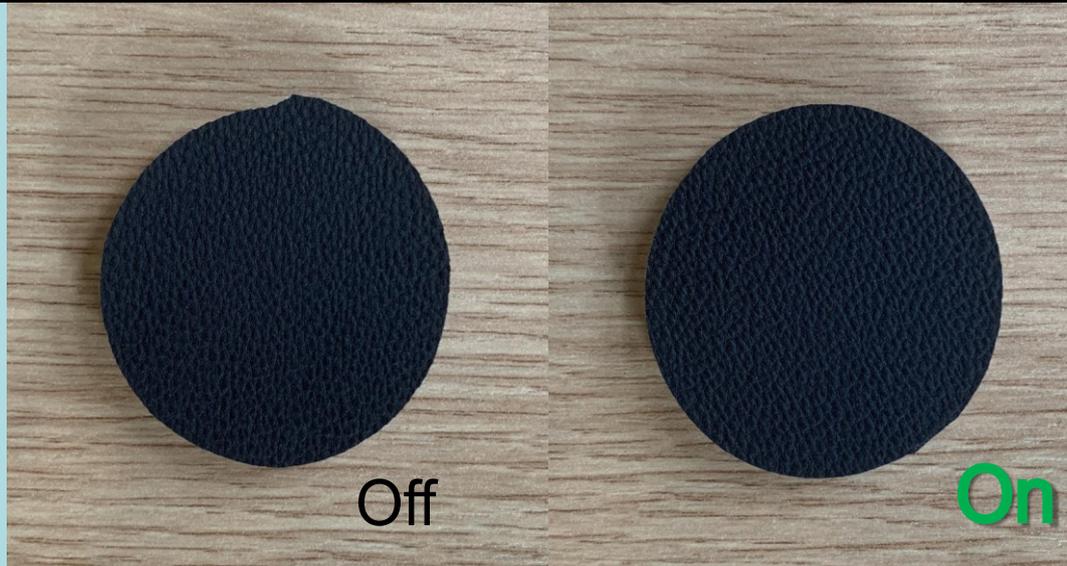
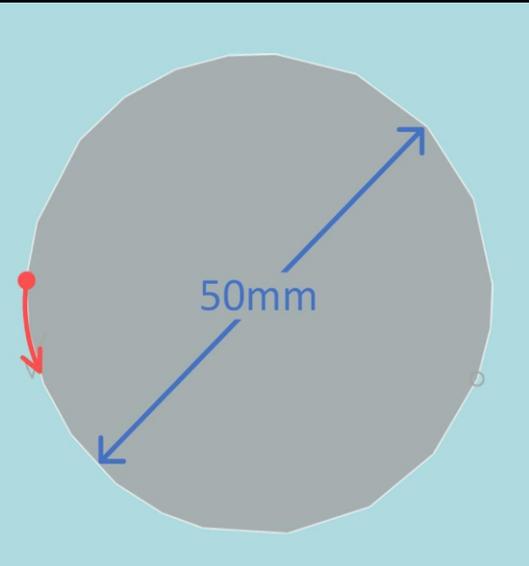
Auto-Symmetry Cutting Technology  
**MTR s9 Mirror Cut**

Intelligently recognizes deep-V & symmetrical patterns.

On-the-fly  
Cutting , Cut

Blazing  
Fast



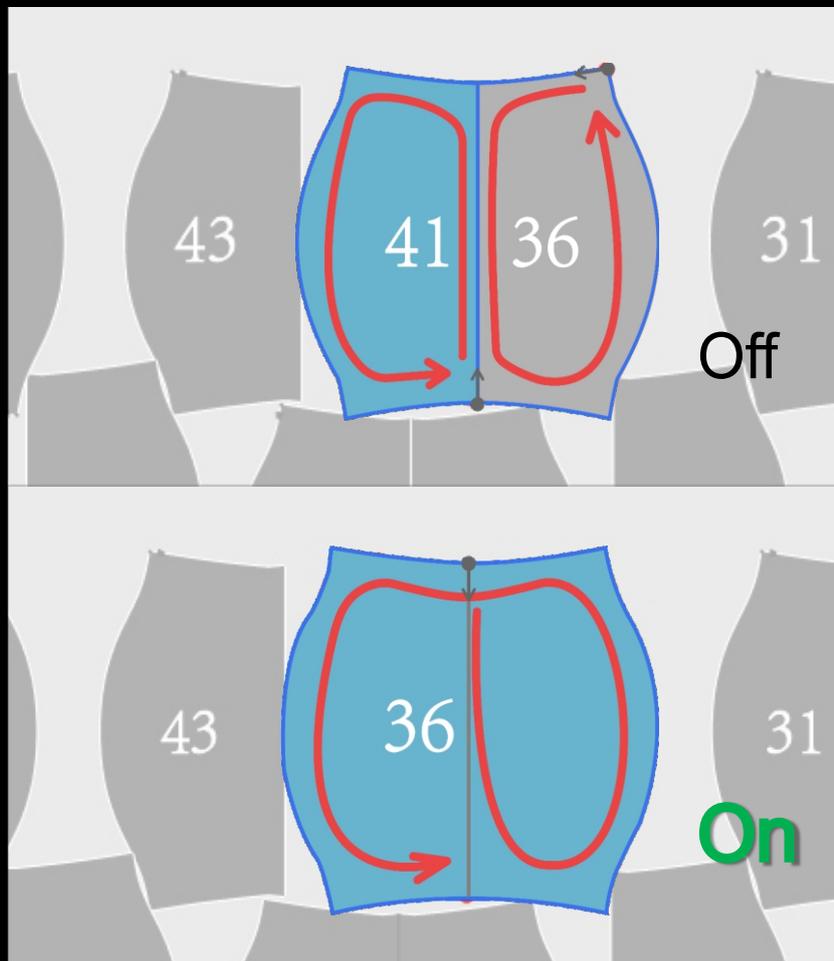


## FlowCut Technology

### Common-Edge Cutting Superior Productivity

Parallel contour lines within 1mm spacing are recognized as shared edges between adjacent pieces.

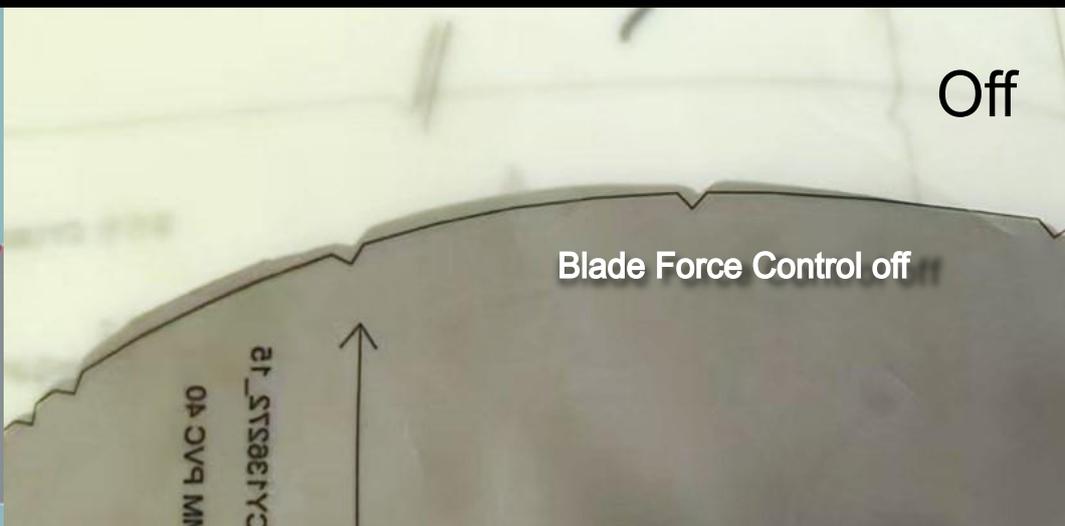
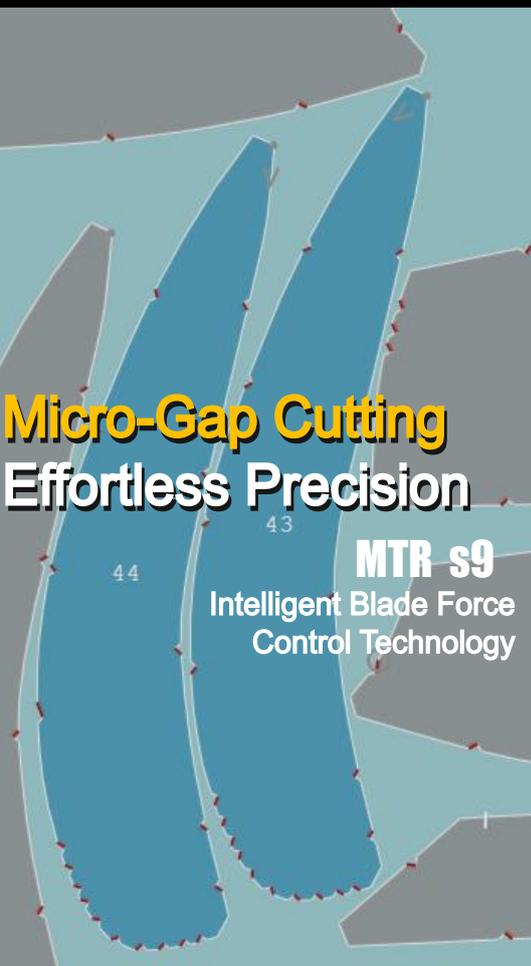
With Common-Edge Cutting activated:  
Unified path planning for pieces with



# Micro-Gap Cutting Effortless Precision

**MTR s9**

Intelligent Blade Force Control Technology



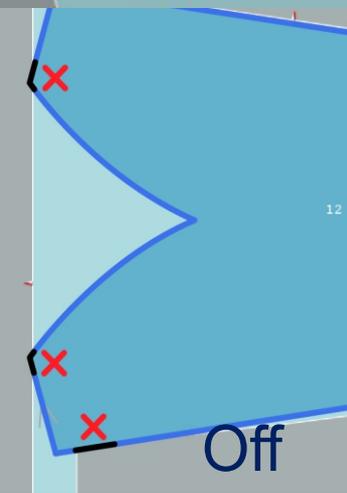
Off

Blade Force Control off



On

Blade Force Control on



Off



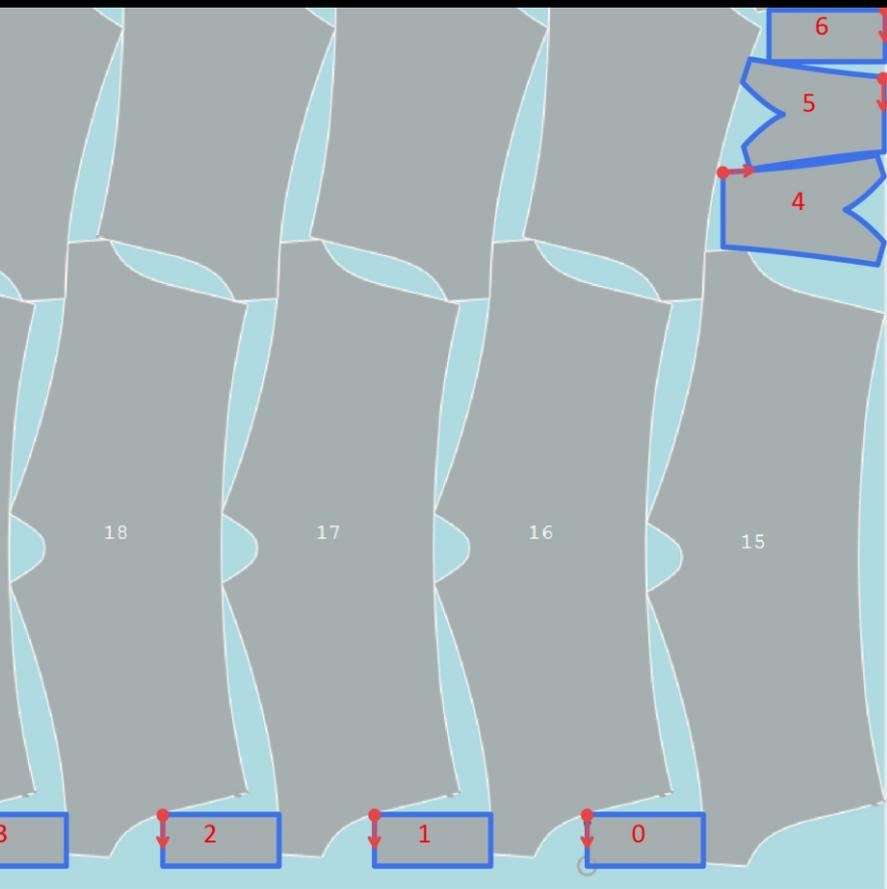
## Cutting Close? No Sweat!



On



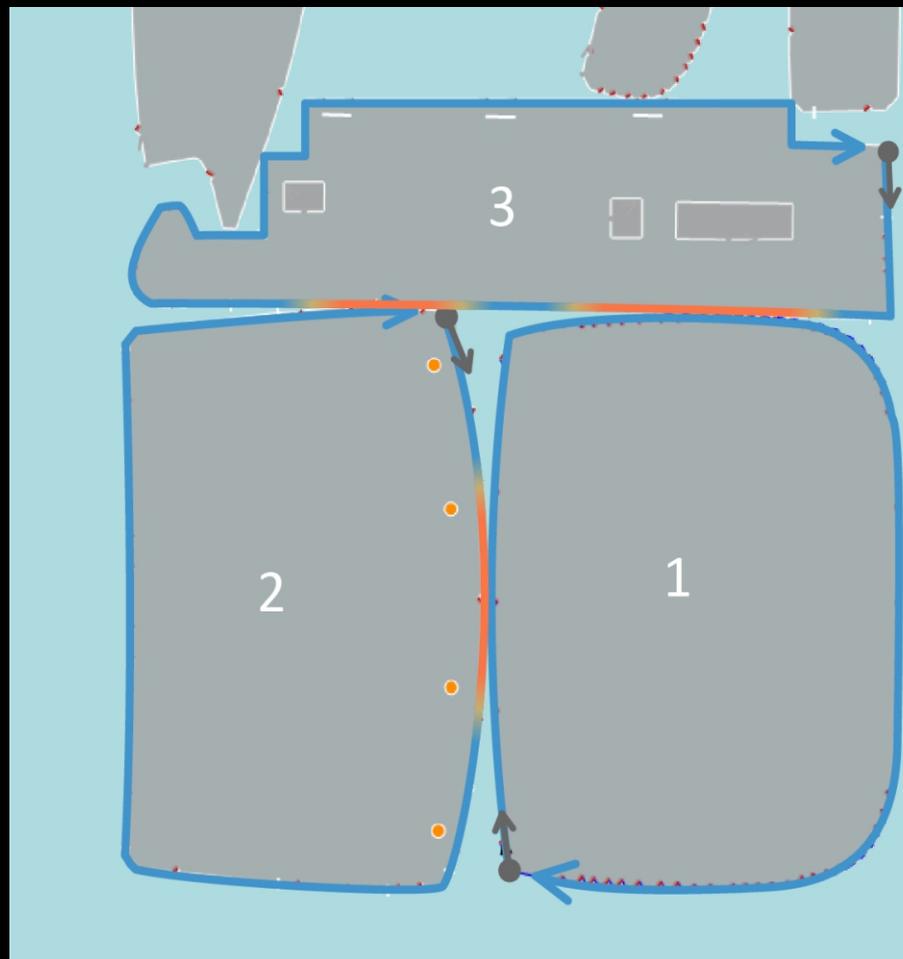
Single-Piece Scaling  
Technology  
Adjust local/single pattern  
dimensions.



## Tiny Parts, Big

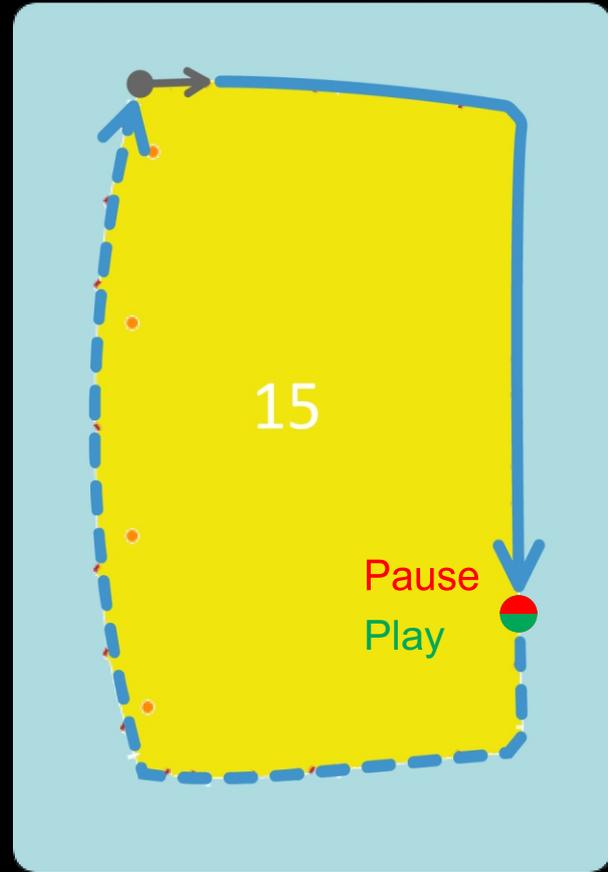
**MTR s9** Small Pieces First  
Technology Auto-Sequence  
Optimization.  
Smart Cutting Path Planning.

**MTR s9**  
Fast When  
Needed, Slow  
When Required,  
Flawless



# Breakpoint Continuation

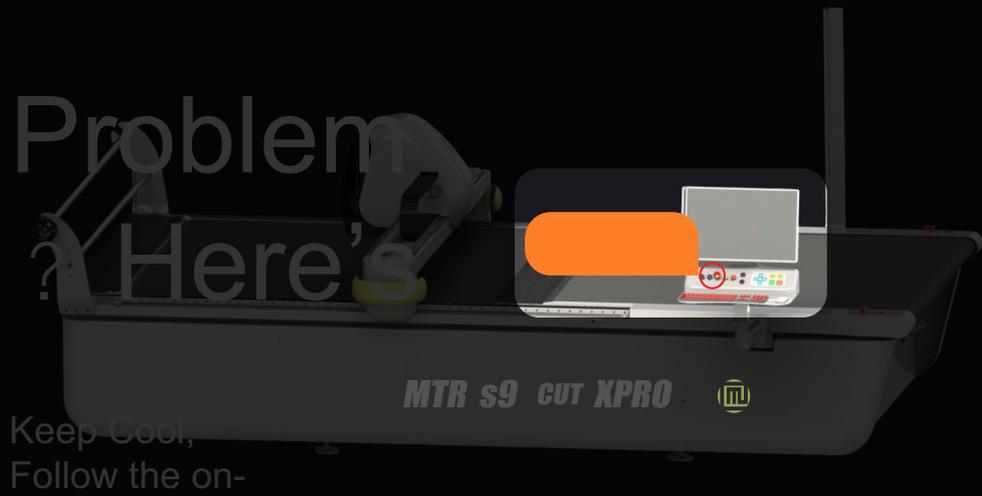
Pause anytime, resume perfectly,  
No wasted cuts, no material loss.



- 机头
  - 机头罩壳未关闭
  - 气缸位置
  - 磨刀
- 横梁
  - 横梁防撞R
  - 横梁防撞L
  - Y轴限位开关
- 收料台
  - 收料台急停R
  - 收料台急停L
- 操作台
  - 操作台急停
- 床身
  - X轴限位开关
  - 真空泵清洁提示



Problem  
Here's



Keep Cool,  
Follow the on-

1 2 3 4 5 6

暂无文件

34% 砂带

0.0 未使用

23% 7.8mm 刀





Go ahead,  
be your own maintenance  
pro!  
Our step-by-step guide

## Options & Accessories

+

Single  
Drill



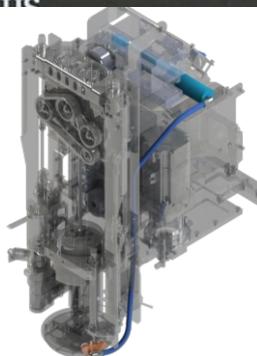
+

Dual  
Drill



+

Knife  
Cooling



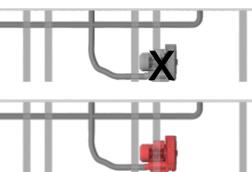
+

Pre-  
Film



+

SmartFeeding  
Assistance System



+

Centering  
Tracker



+

Secondary  
Film Covering



+

Heavy-  
Duty



+

Scanner



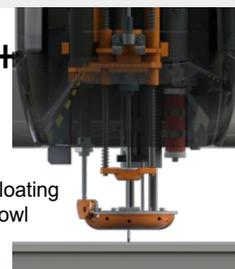
+

Broken knife  
Detection



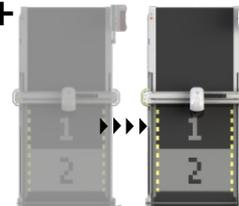
+

Floating  
bowl



+

Auto Relocating



+

SaaS Access



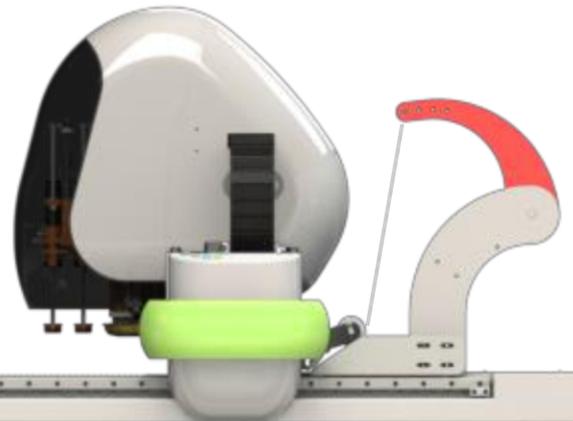
## Secondary film covering ?

### Available.

(Optional Upgrade)

**MTR s9** Optional  
Secondary film covering System.  
Automatic Film Lifting when crossing windows.  
Zero manual intervention.  
High-speed cutting with vacuum-sealed.

Why choose between speed and perfection?



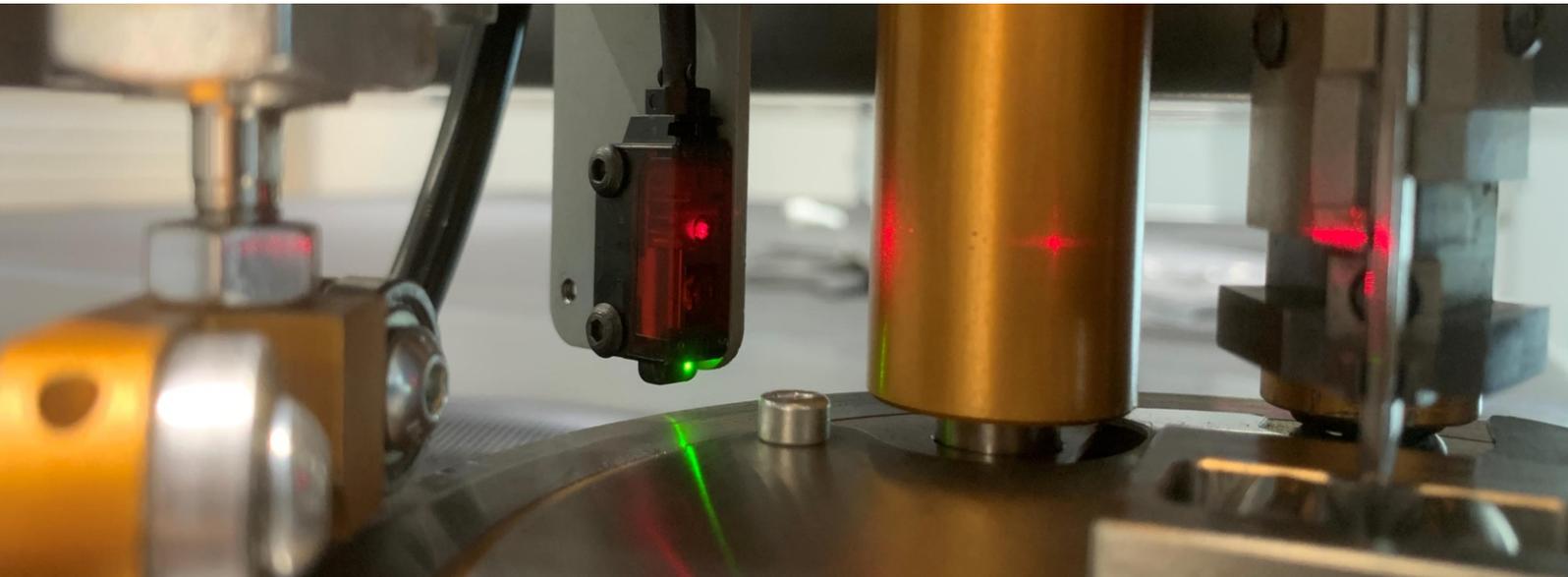
**Floating  
bowl ,  
Unrivaled  
in the Industry.**

S Cutter  
Optional Floating Bowl



# The blade breaks? Cut

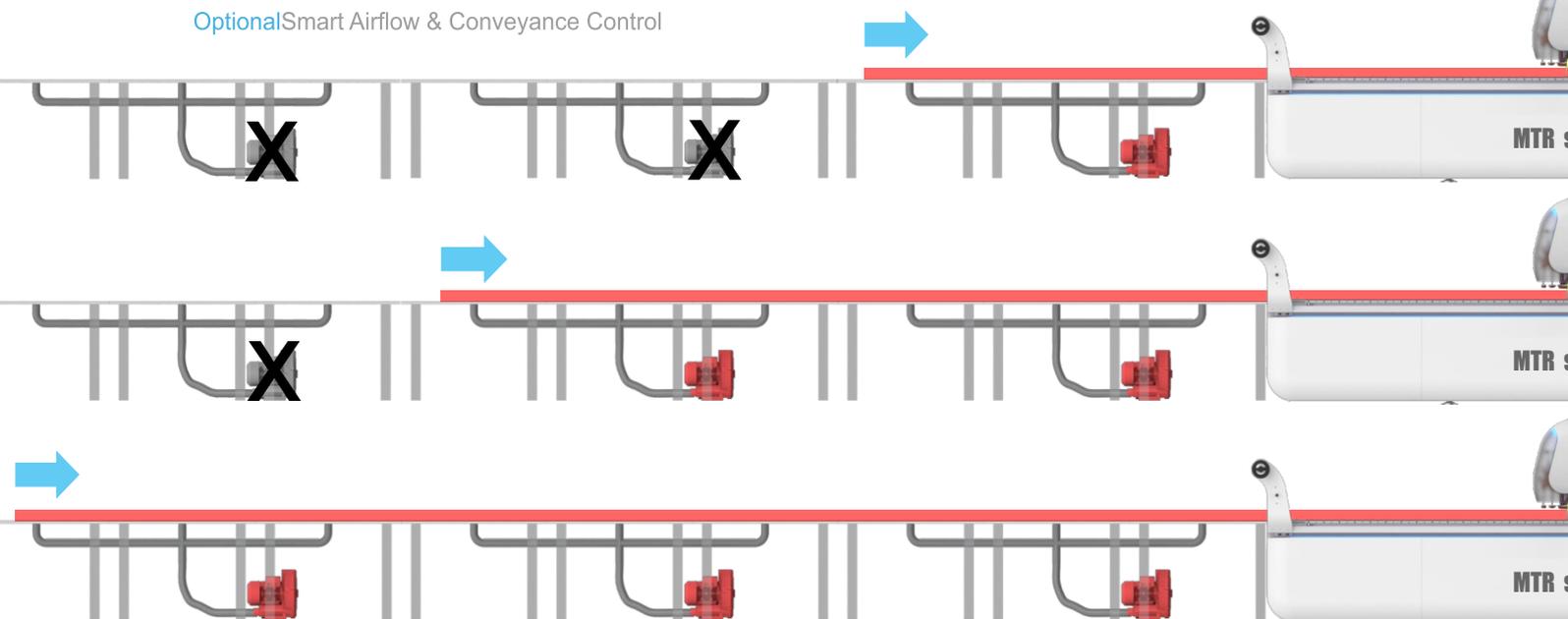
Optional Broken Blade Detection  
Instant Stop on Fracture



## MTR s9 CUT XPRO Smart Feeding Assistance System

Optional Smart Airflow & Conveyance Control

Adaptive Blower/Table Activation.  
Dynamically adjusts based on remaining fabric length.  
Unattended Operation.  
Continuous cutting with zero supervision.  
Energy-Saving Intelligence.  
Powers only necessary components.  
Precision that never sleeps,  
cutting smarter while saving energy.



# Scann

File Selection CAD Presets  
Parameter Sets



# SaaS Access SAP Access ERP Access

Where Big Things Get Done

Seamless Data Integration  
Upload. Download. Dominate.

Production Reports Upload.



# World-Class Components, Unmatched Performance.

## MTR S9 CUT XPRO



S6 Cutter

Max cutting thickness **6cm**  
Cutting Area Length **1.8m**  
2.0 x 7.0 mm  
knife



Galaxy Ma50



S9 Cutter

Max cutting thickness **9cm**  
Cutting Area Length **1.8m**  
2.4 x 8.5 mm  
knife



Galaxy Ma50



S9 MAX Cutter  
2520/2522  
Productive

Max cutting thickness  
**9cm**



Galaxy Ma55+



80m/min  
Max Cutting Speed



6000 strokes/min  
Max Frequency



11 kWh



80 ~ 90 cm  
Worktable Height (Adjustable)



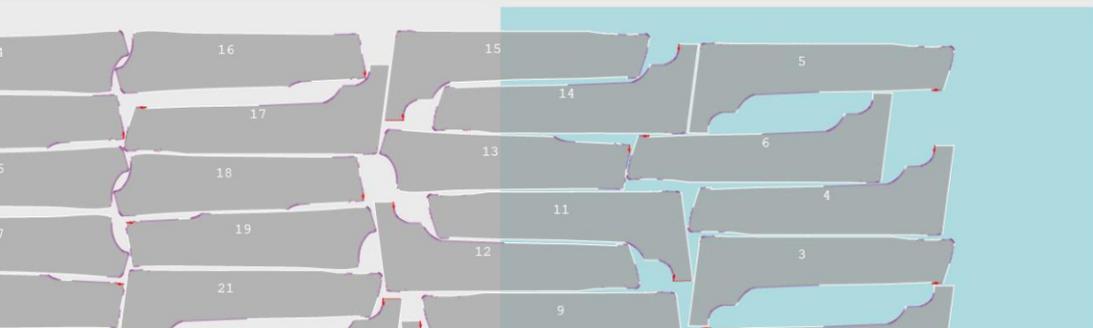
3700

The S-Series Cutter features  
**EVOLUTION Cutting System**

Copyright # 2025SR0494189

Smarter Cuts, Safer Work,  
Faster Results.

11:59 10/03/2025 Mon.



Power supply and working environment



Three-phase



200L/min@6bar  
Compressed Air



<1000m  
Working Altitude



80%  
Max Operating Humidity



43°C



<78db

Dimensions

18<sub>18</sub>



L=1.8m



L=4.75m

18<sub>20</sub>



L=1.8m



L=4.75m

18<sub>22</sub>



L=1.8m



L=4.75m

25<sub>20</sub>



L=2.5m



L=6.45m

25<sub>22</sub>



L=2.5m



L=6.45m



**CAD System<sup>TM</sup>**  
**Masters of Technology**

A very proud product of  
Qingdao Yungesi Garment Automation Equipment Co.,Ltd.  
HQ and MFG Base : No. 117, Kongque River 5th Road,  
Clothing Industry Park, Tongji Street,  
Jimo District, Qingdao

Email :  
[sales@mtcadsystem.com](mailto:sales@mtcadsystem.com)