

*Set up* 2min

*Operator* 2persons

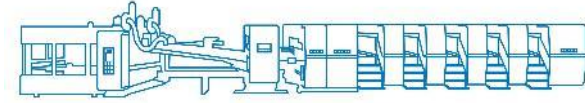
*Output* 24000sheet/hour

# QS-618

AVAILABLE FOR THE OTHER MACHINE SIZE : [WWW.TCY.COM](http://WWW.TCY.COM)

## High Speed Flexo Folder Gluer

Machine Size : 660mm x 1800mm  
Speed : MAX 400 Sheet/per minute  
Control : Full Servo Motor Drive  
Operation : Nonstop Order Change  
Precision : Printing Tolerance  $\pm 0.7\text{mm}$

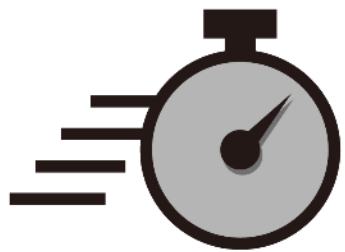
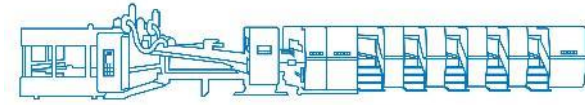


# QS - 618

## Essential Features

- Fast set-up and non-stop order change maximizes productivity.
- Consistent and quality boxes produce at fast speed.
- TCY SmartTech – PC & HMI based control for easy operation.
- Remote diagnostics via ethernet or phone.
- Available as a Rotary Die Cutter or Flexo Folder Gluer.

# QS-618



Fast Setup  
Fast Operation



Non-Stop  
Order Change

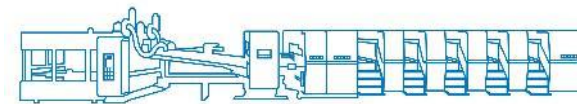
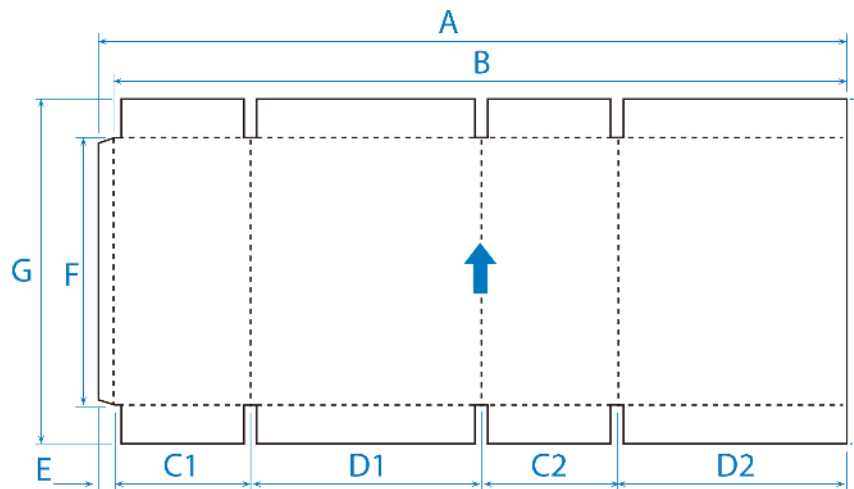


Easy Maintenance



Full Independent  
Servo Drive



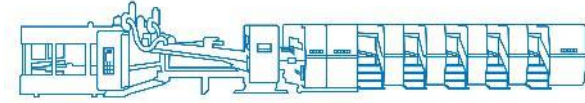


## Top Print



REF.	Model No. : QS-618	INLINE	
	Machine Size : 660 X 1800 (MM)	MIN.	MAX.
A	FINISHED BLANK ※ MAXIMUM FOR B+E	475	1800
B	PRINTING SURFACE LENGTH		1750
C1=C2	PANEL(SMALL)	70	771
D1=D2	PANEL(LARGE)	115	821
D1+C2	TWO PANEL (SMALL+LARGE)	220	881
E	GLUE LAP WIDTH	35	38
F	BOX HEIGHT	80	
G	SHEET WIDTH (standard regular feed)	220	633
	SHEET WIDTH (skip feed)		660
	MAX. MACHINE SPEED (SHEETS/MIN)		400

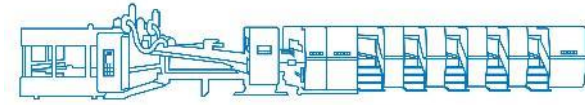
# QS SERVO CONTROL SYSTEM



- TAIWAN First & Only Full Independent Servo Drive System
- Every SHEET is ALL control BY QS SERVO CONTROL SYSTEM:
  1. Accurate Feeding by **QS Servo Control**
  2. Accurate Printing by **QS Servo Control**
  3. Accurate Slotting and Creasing by **QS Servo Control**
  4. Accurate Die-Cutting by **QS Servo Control**
  5. Stable Folding by **QS Servo Control**
  6. Stable Counter Ejector Movement by **QS Servo Control**



# FEEDER SECTION



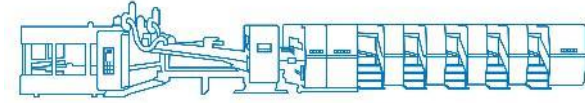
TCY Smart Tech for  
easy operate machine



SUN lead edge feeder

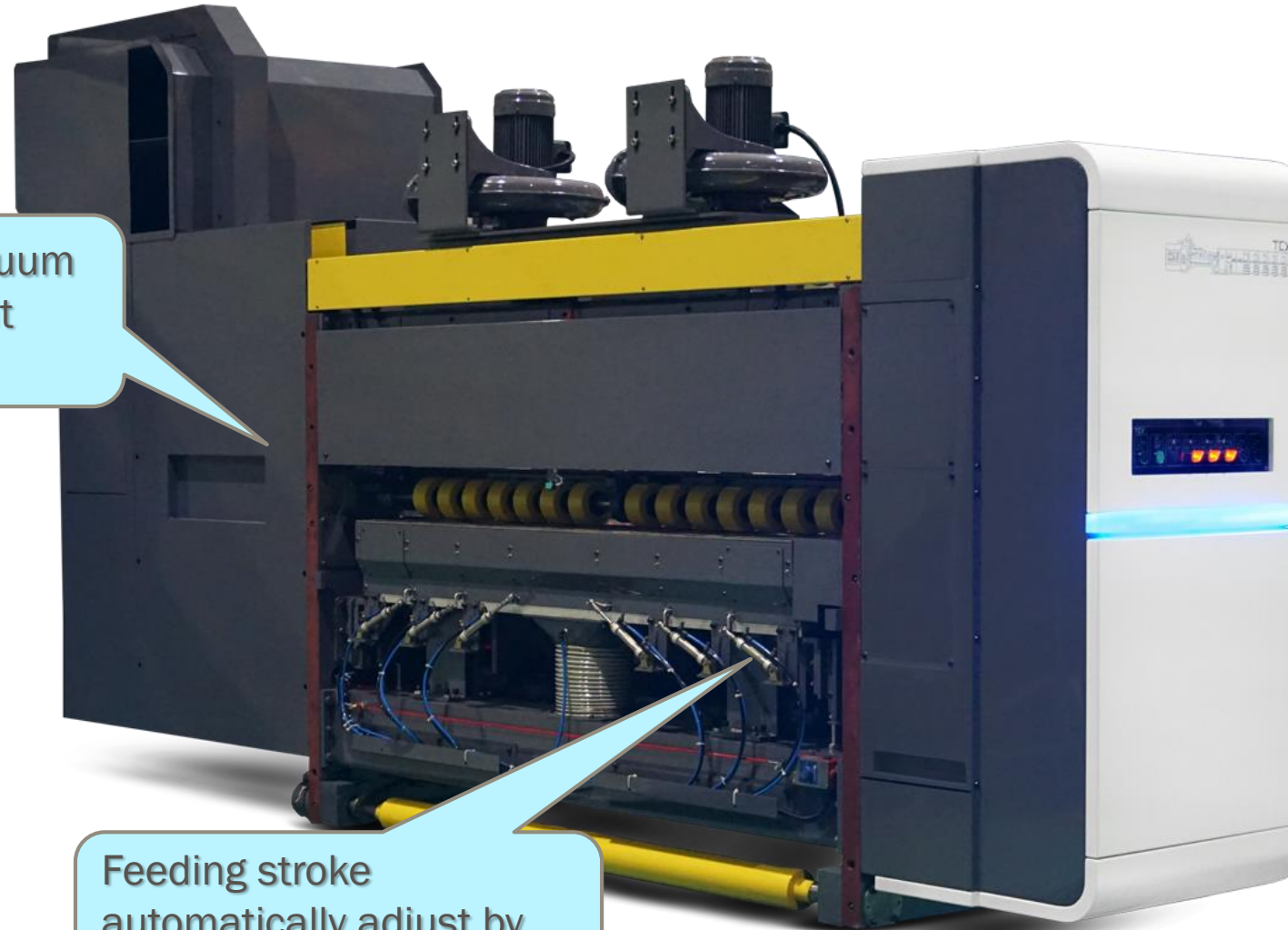


# FEEDER SECTION



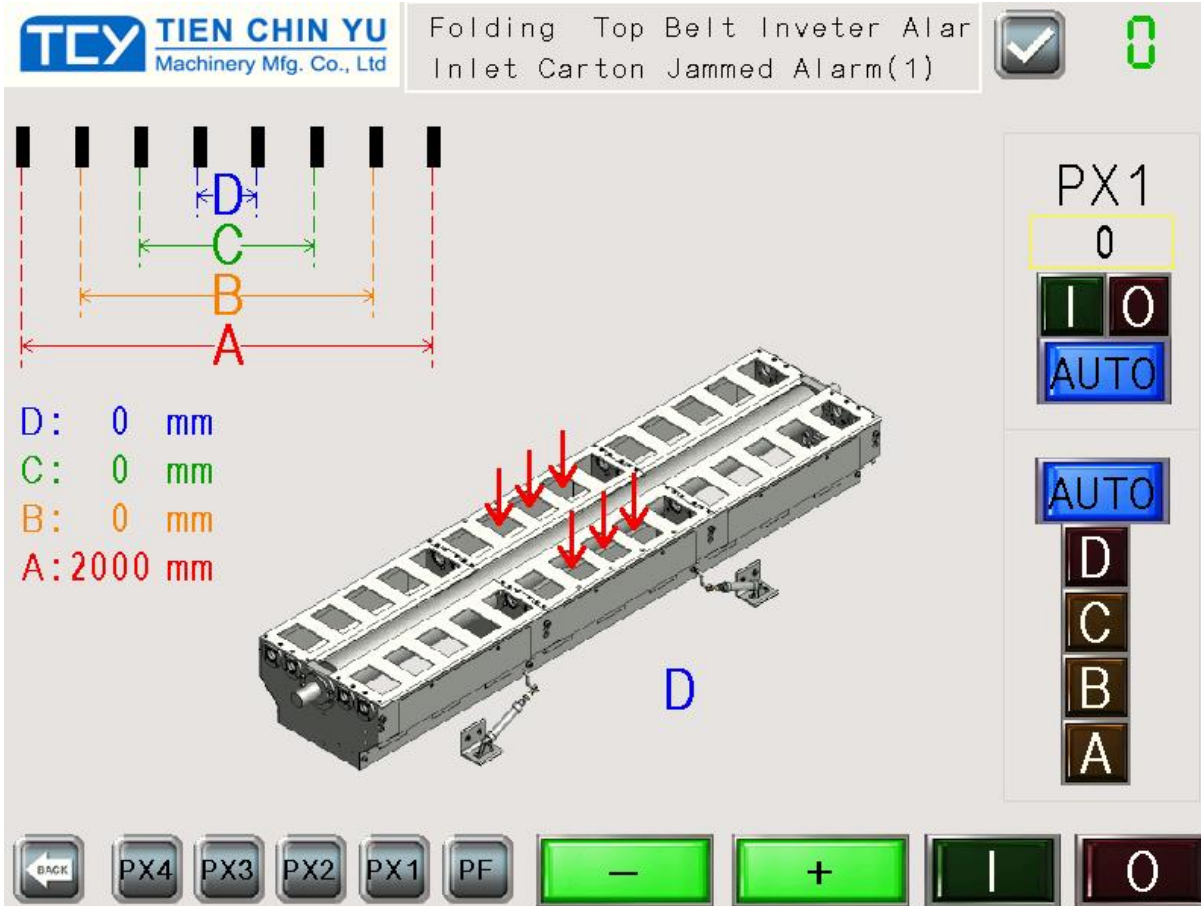
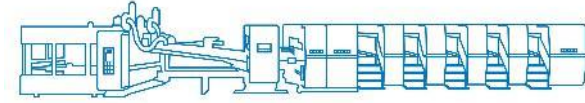
Rubber Pull Roll with Vacuum transfer Design to prevent sheet board crush

Feeding stroke automatically adjust by order size





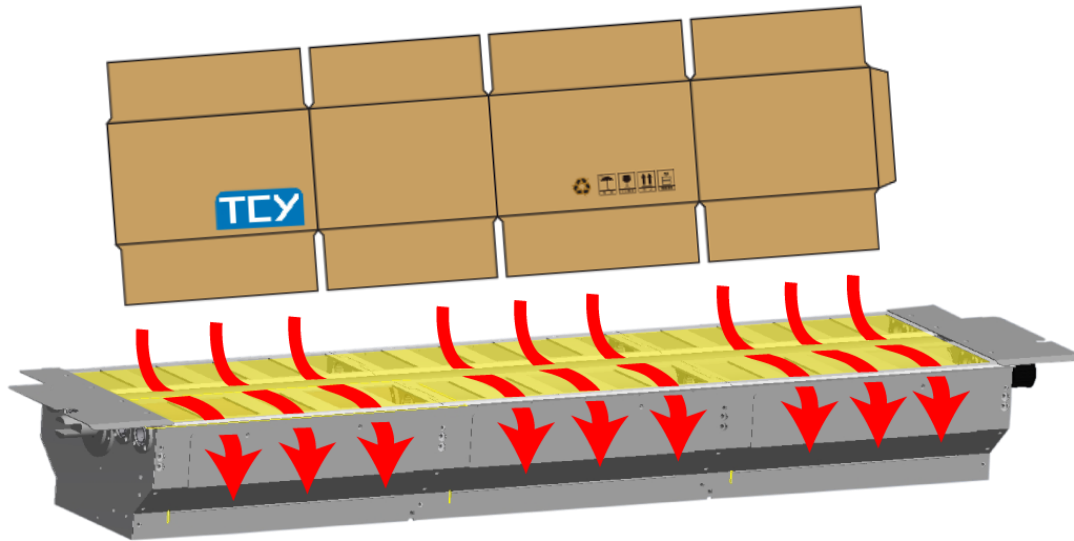
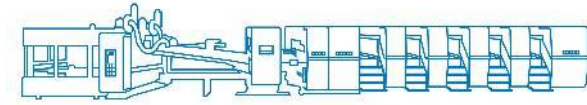
# Automatic Vacuum Damper System



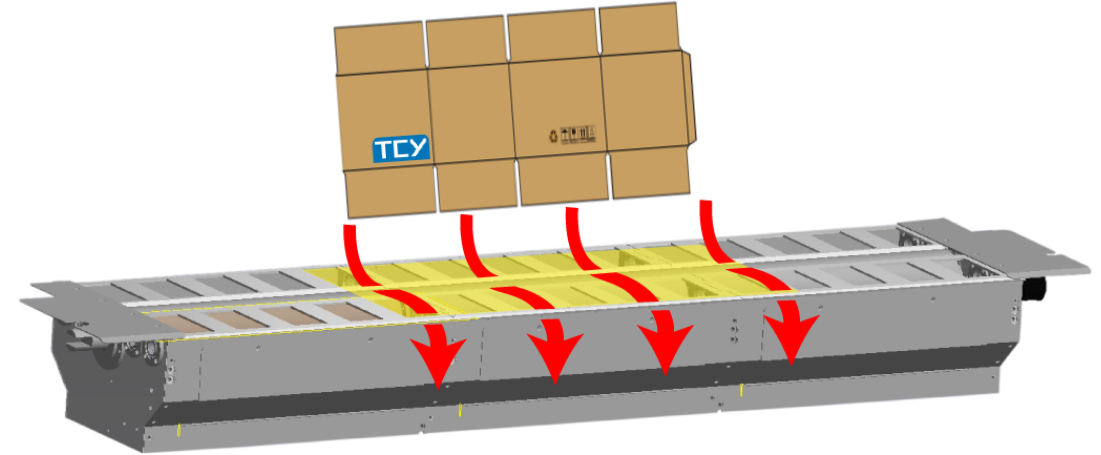
1. Automatically select Best damper Zone when running different orders.
2. Three groups of different damper zone for multiple orders.
3. Automatically Vacuum Damper System available on every QS Series machine.



# Automatic Vacuum Damper System

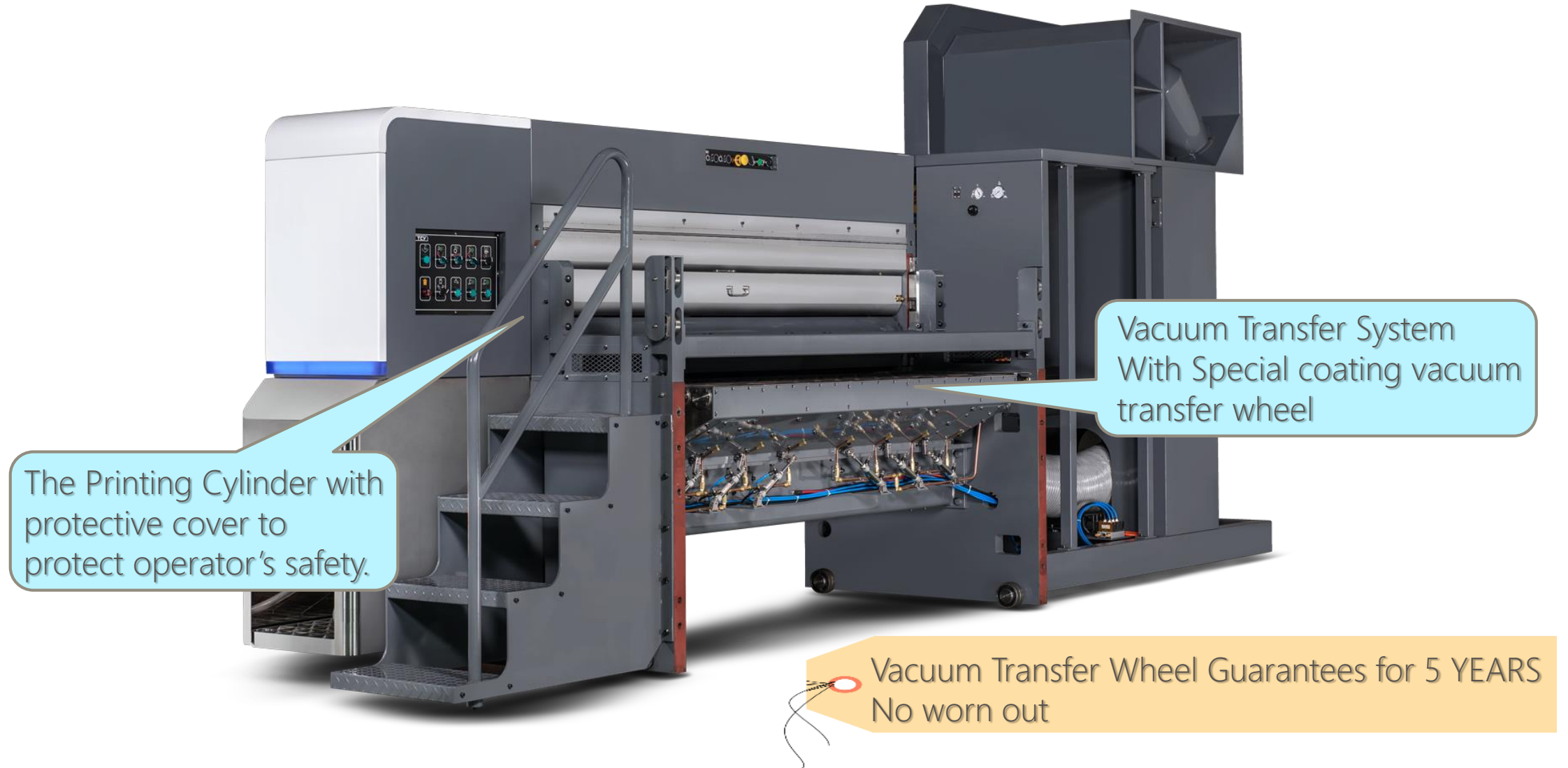
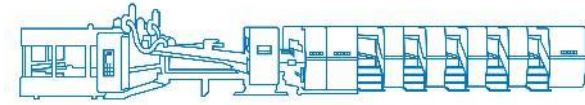


Big Sheet

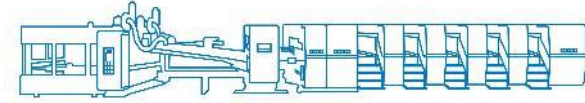


Small Sheet

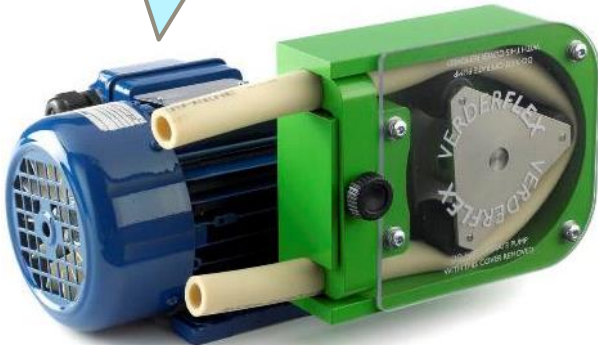
# PRINTER SECTION



# PRINTER SECTION



Peristaltic pump  
for stable ink  
viscosity and flow.



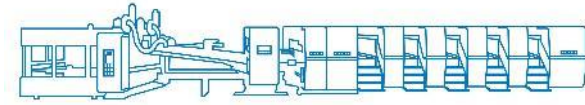
TCY ink doctor chamber  
blade or rubber roll  
System are available

Each printer is moveable  
for easy cleaning and  
maintenance.





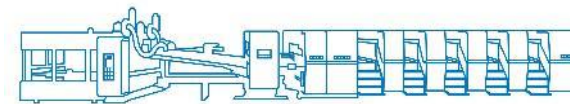
# CHANGING OF PRINTING DIE



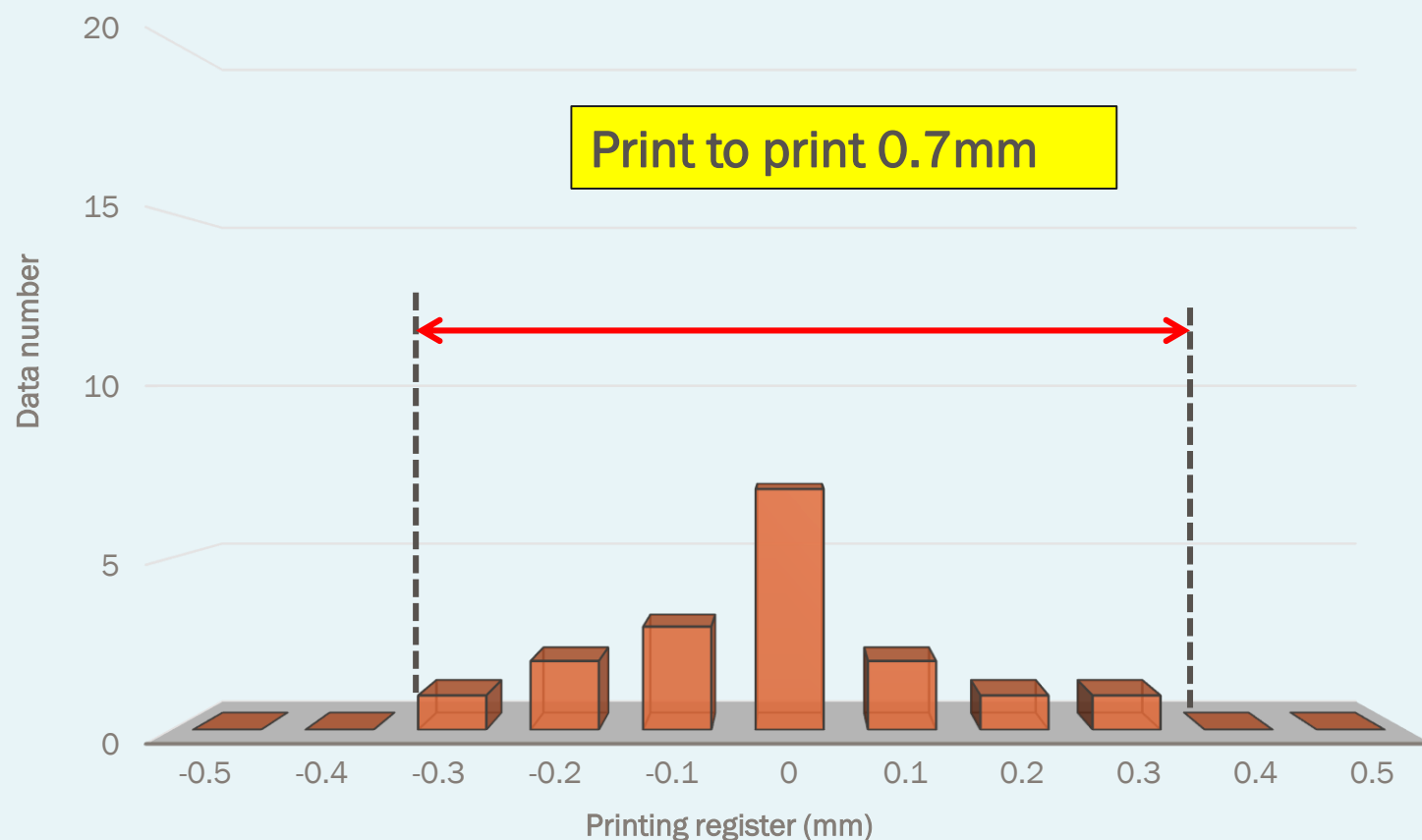
Motorized reel rod lock and release for mounting stereo by push button without hand tool.

Anilox Roll Cover for Safety operation.

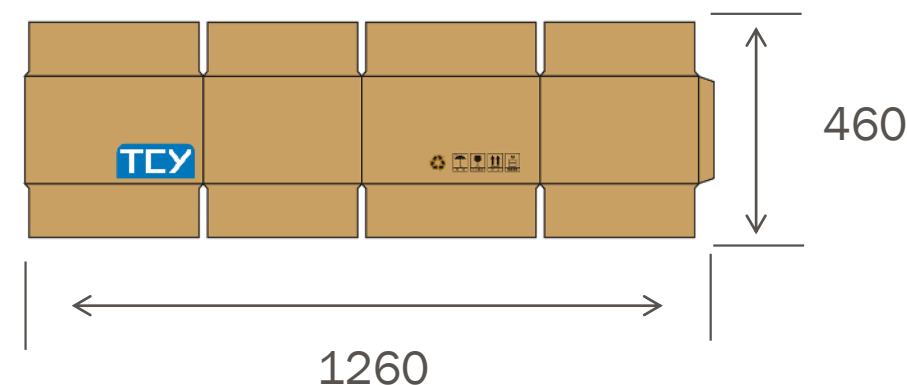
# PRINTING REGISTER DATA



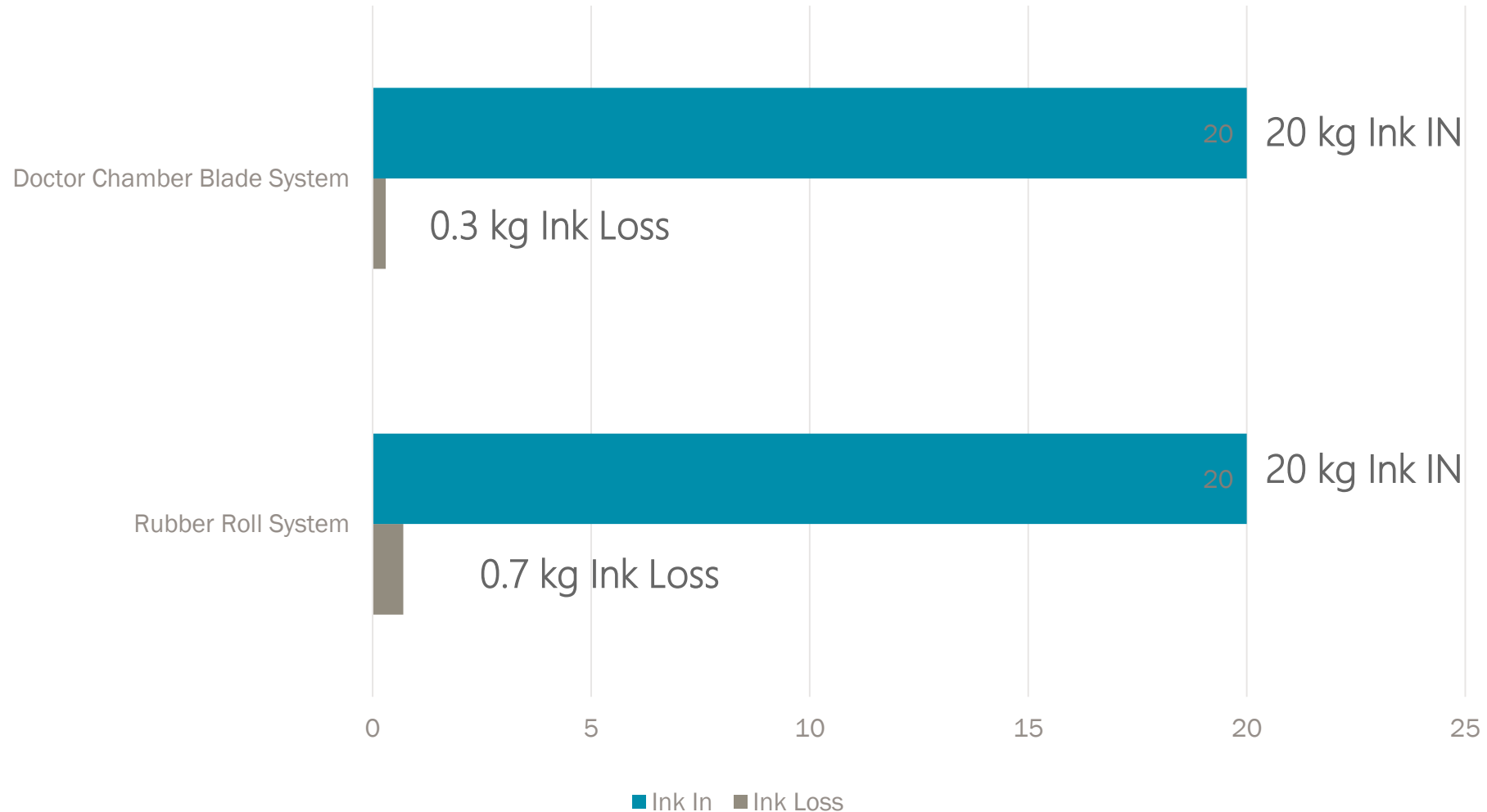
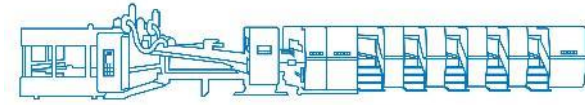
Sample Q'ty "20



- Flute : B
- Blank size : L460mm x W1260mm
- Material : K220 X SCP120XK220
- Speed: 400 sheet / min
- 2 color ( print to print)

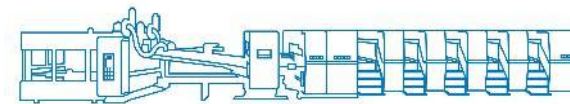


# PRINTER UNIT INK LOSS





# Doctor Blade System



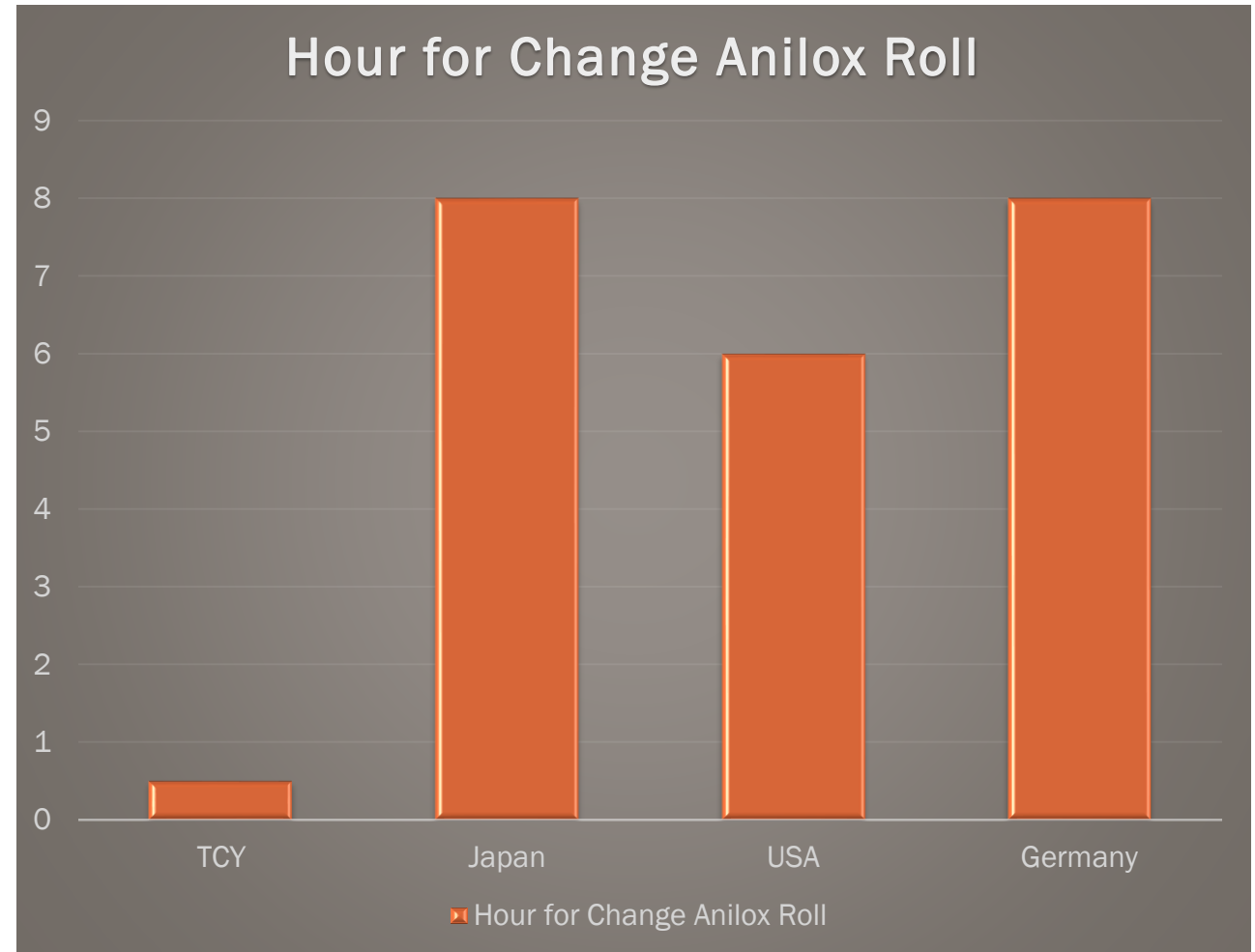
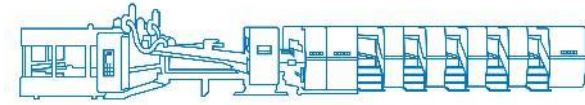
Locker with Sensor is available in Safety program of TCY SmartTech System

Special Sprinkler for spray 7kg/cm<sup>2</sup> water and air blast

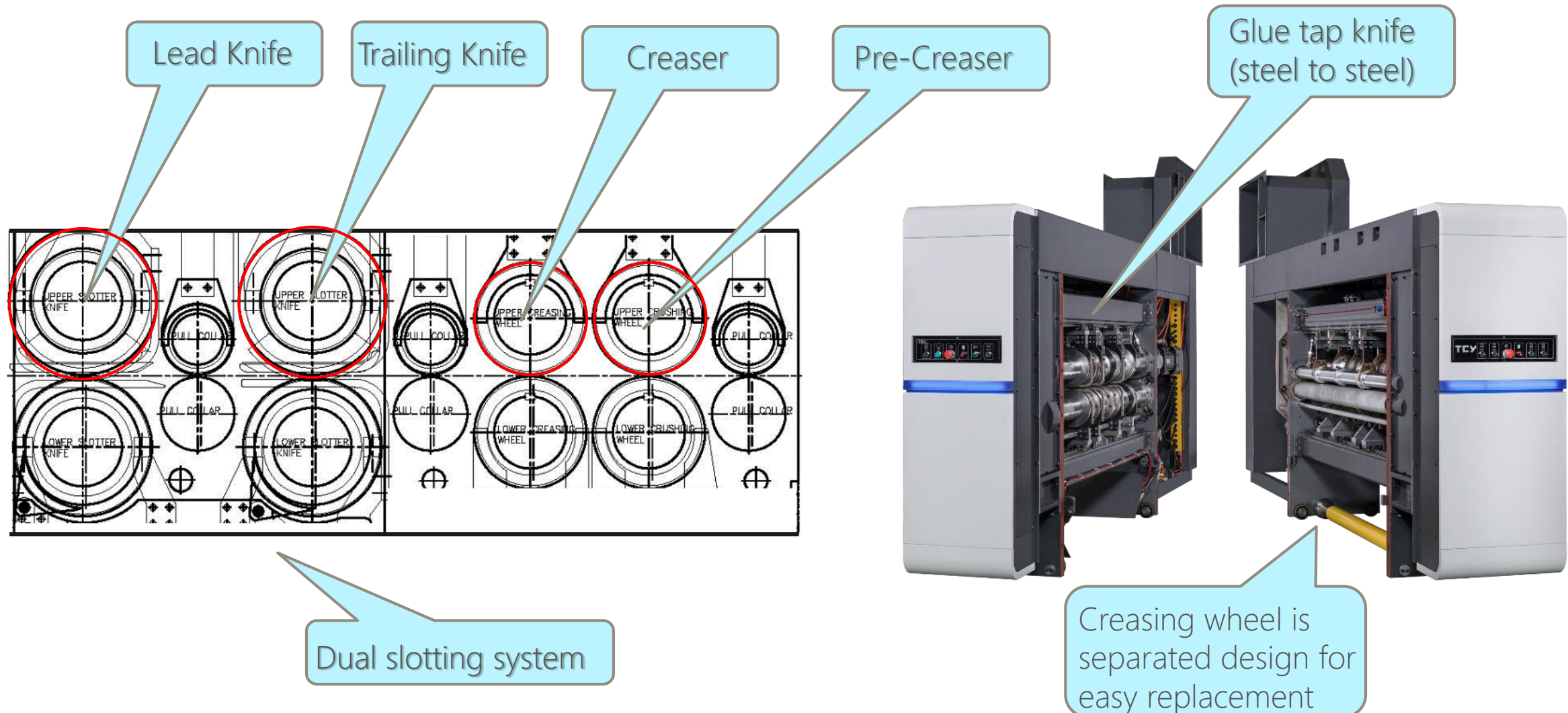
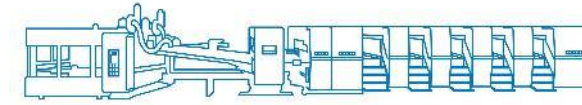
Doctor Blade System can provide quality print

- Dual doctor blades ink chamber System
- THREE Minutes Quick Auto-Wash
- Safety with TCY SmartTech System
- (Optional) Carbon Fiber Version

# Anilox Roll Quick change For only half hour

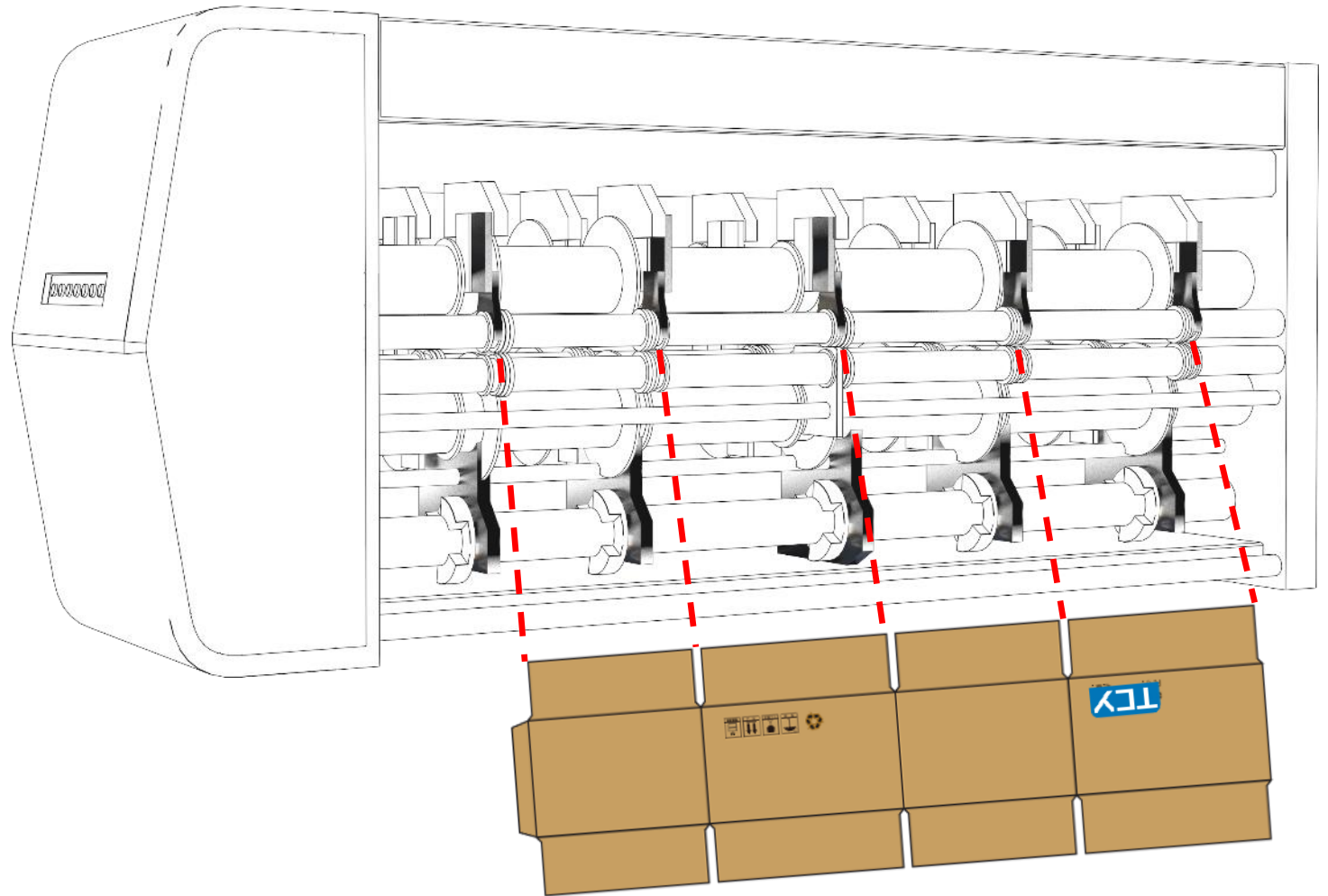
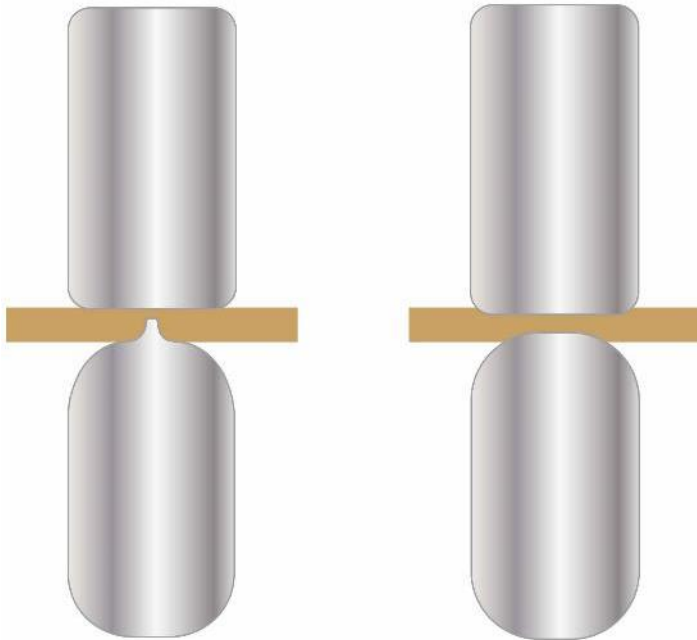
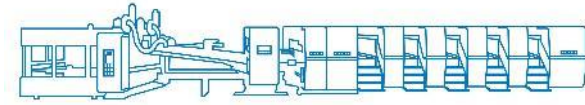


# TWIN CREASER SLOTTER SECTION

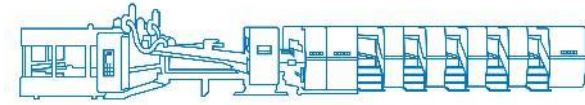




# TWIN CREASER SLOTTER SECTION



# ROTARY DIE CUTTER SECTION



Stable, Strong and Thick Wall die cut drum Reduce the Vibration When Doing High Speed And Heavy Die Cut Job

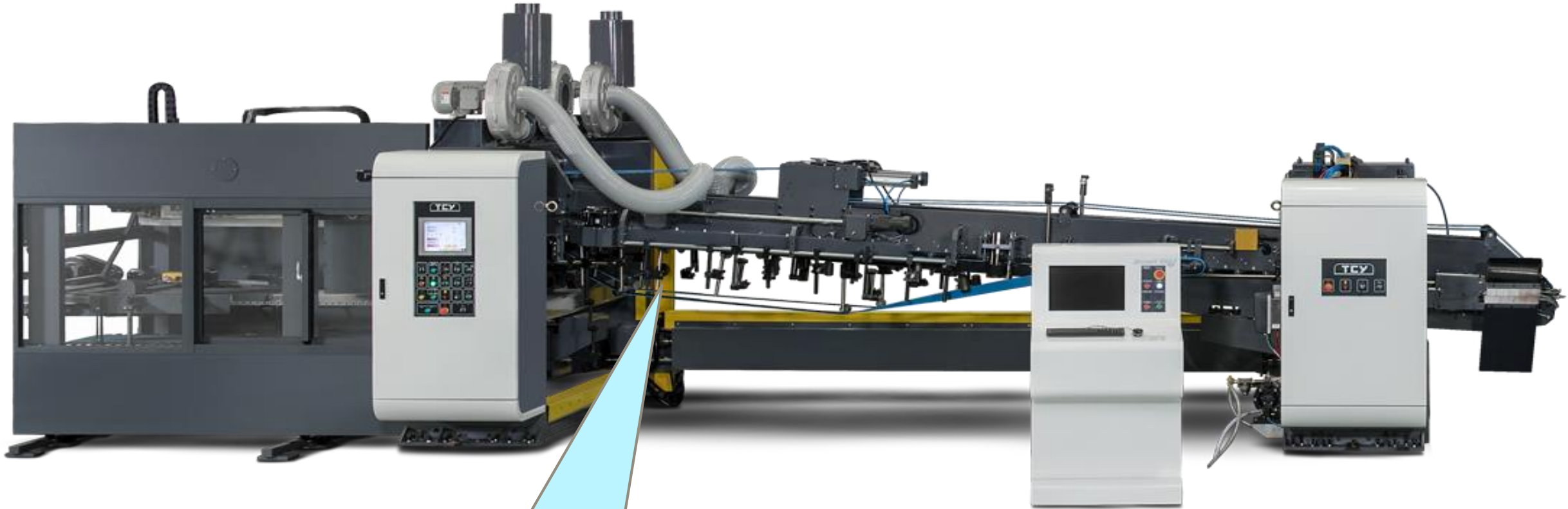
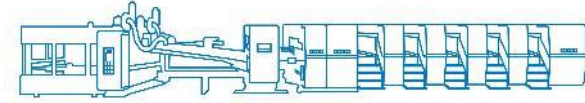
Anvil trimming and anvil drum synchronized drive

Auto guide ring system

Option SerraPid mounting system



# FOLDER GLUER SECTION

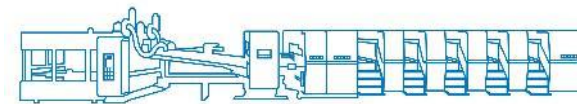


Sheet inclined detector  
equipped in folding section  
to detect sheet skewed

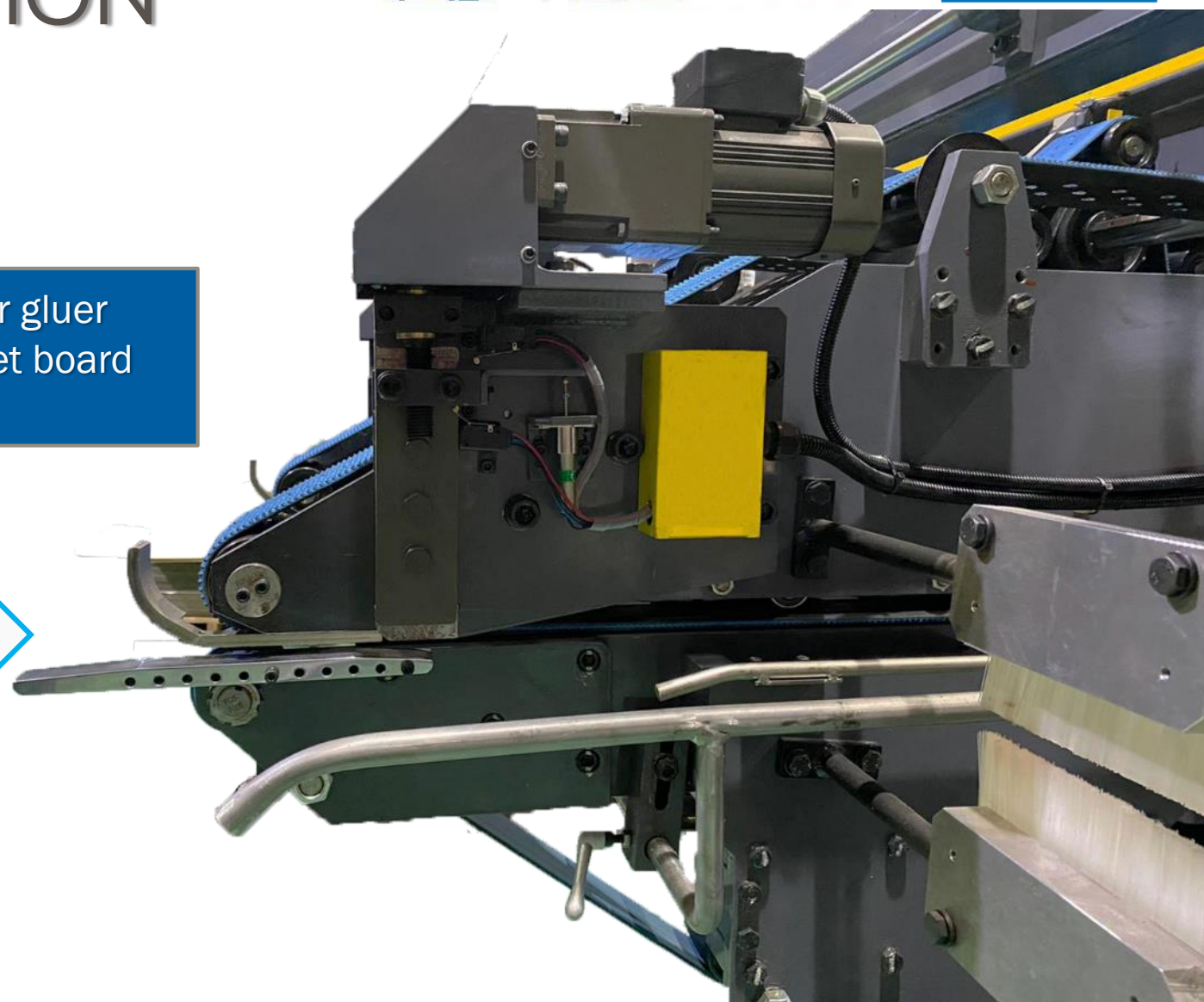
FOR ACCURATE FOLDING GAP AND ELIMINATE FISH TAILING



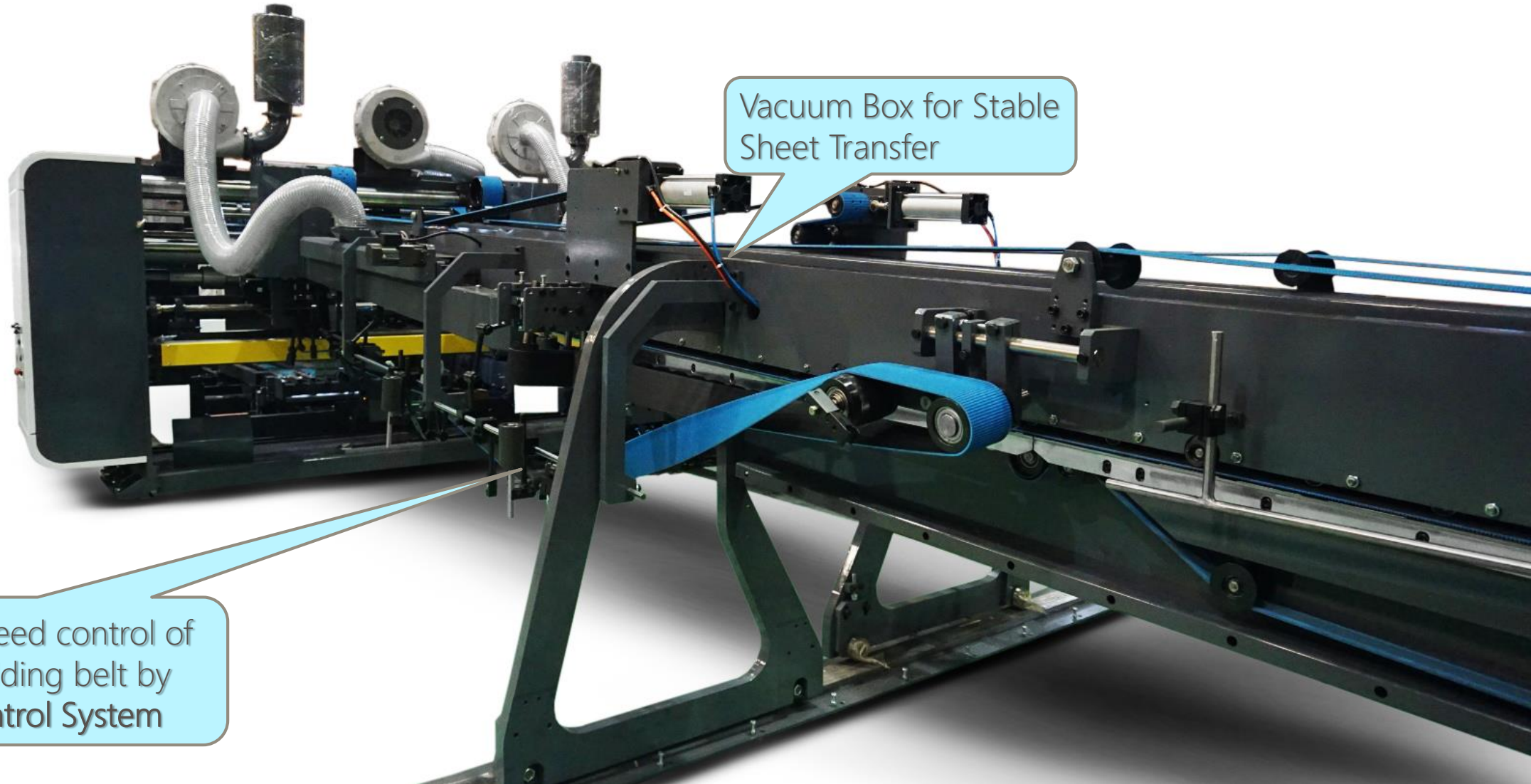
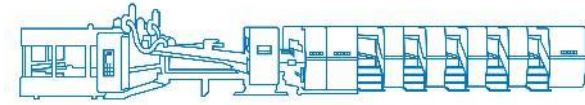
# FOLDER GLUER SECTION



Auto adjustment of folder gluer  
entrance for different sheet board  
thickness



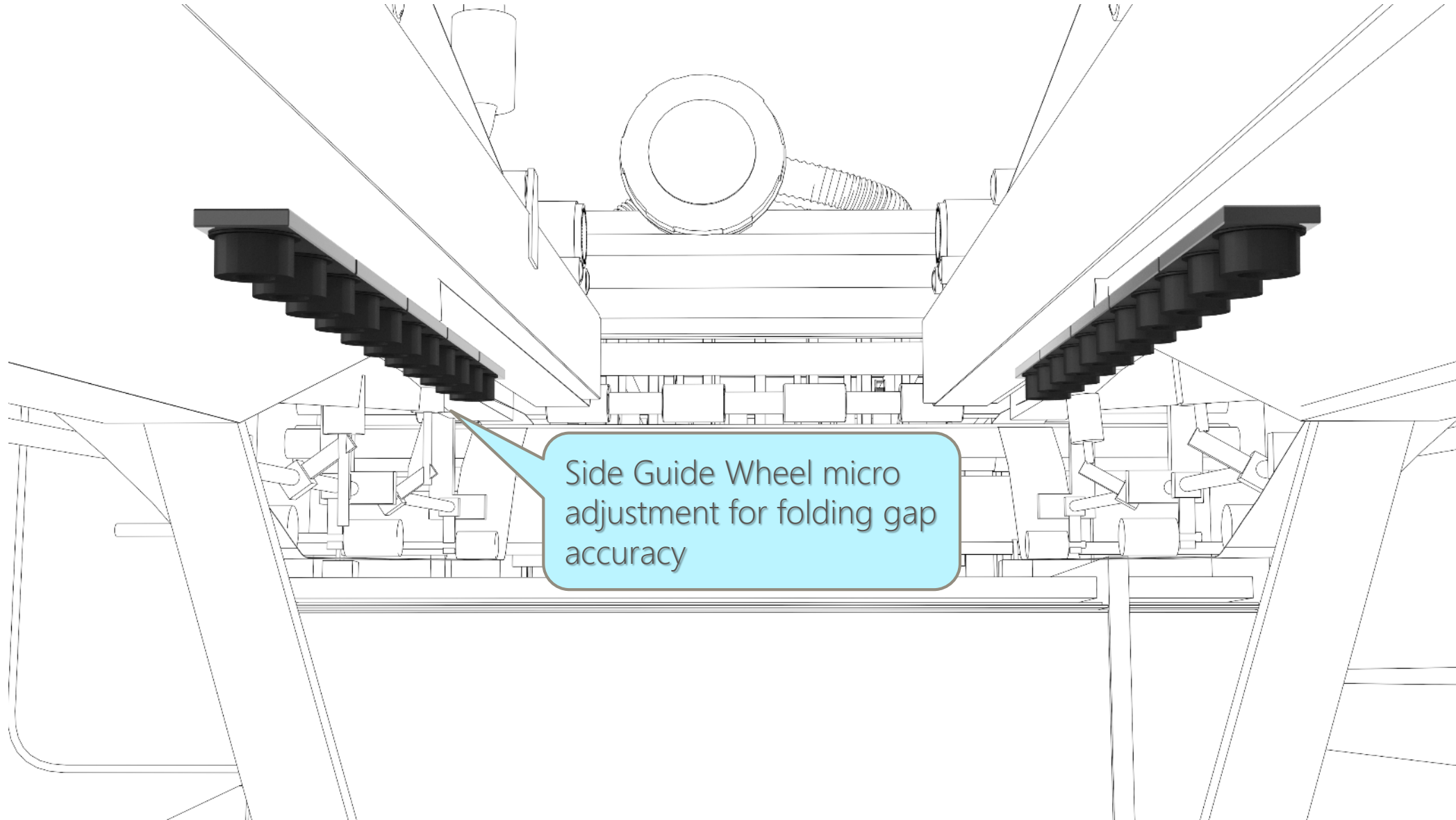
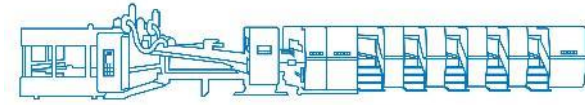
# FOLDER GLUER SECTION



Vacuum Box for Stable Sheet Transfer

Adjustable speed control of both lower folding belt by QS Servo Control System

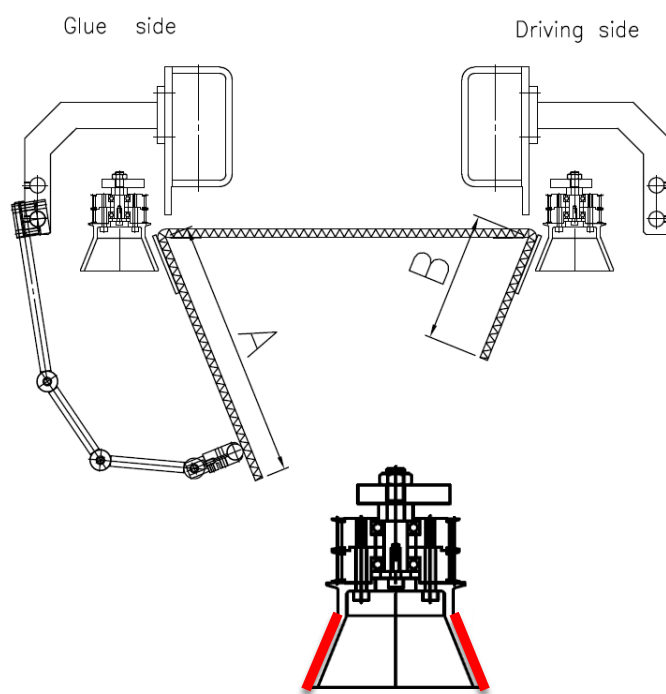
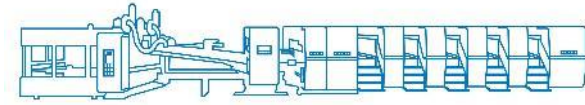
# FOLDER GLUER SECTION



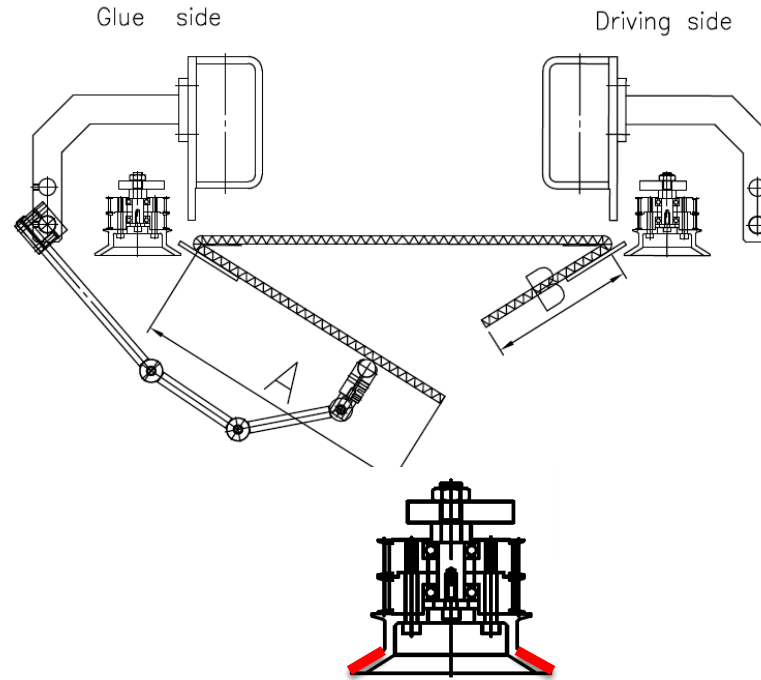
Side Guide Wheel micro adjustment for folding gap accuracy



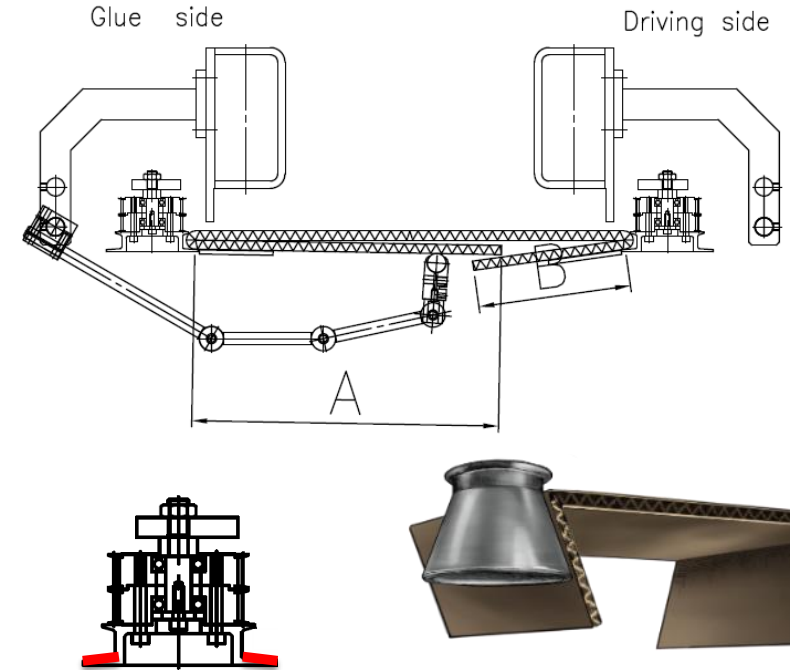
# FOLDER GLUER SECTION



Side Guide Wheel  
micro adjustment for  
folding gap

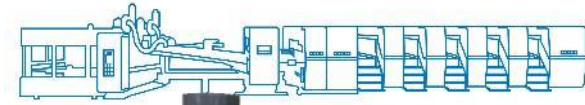


Every Guide Wheel is  
designed for different  
Angle





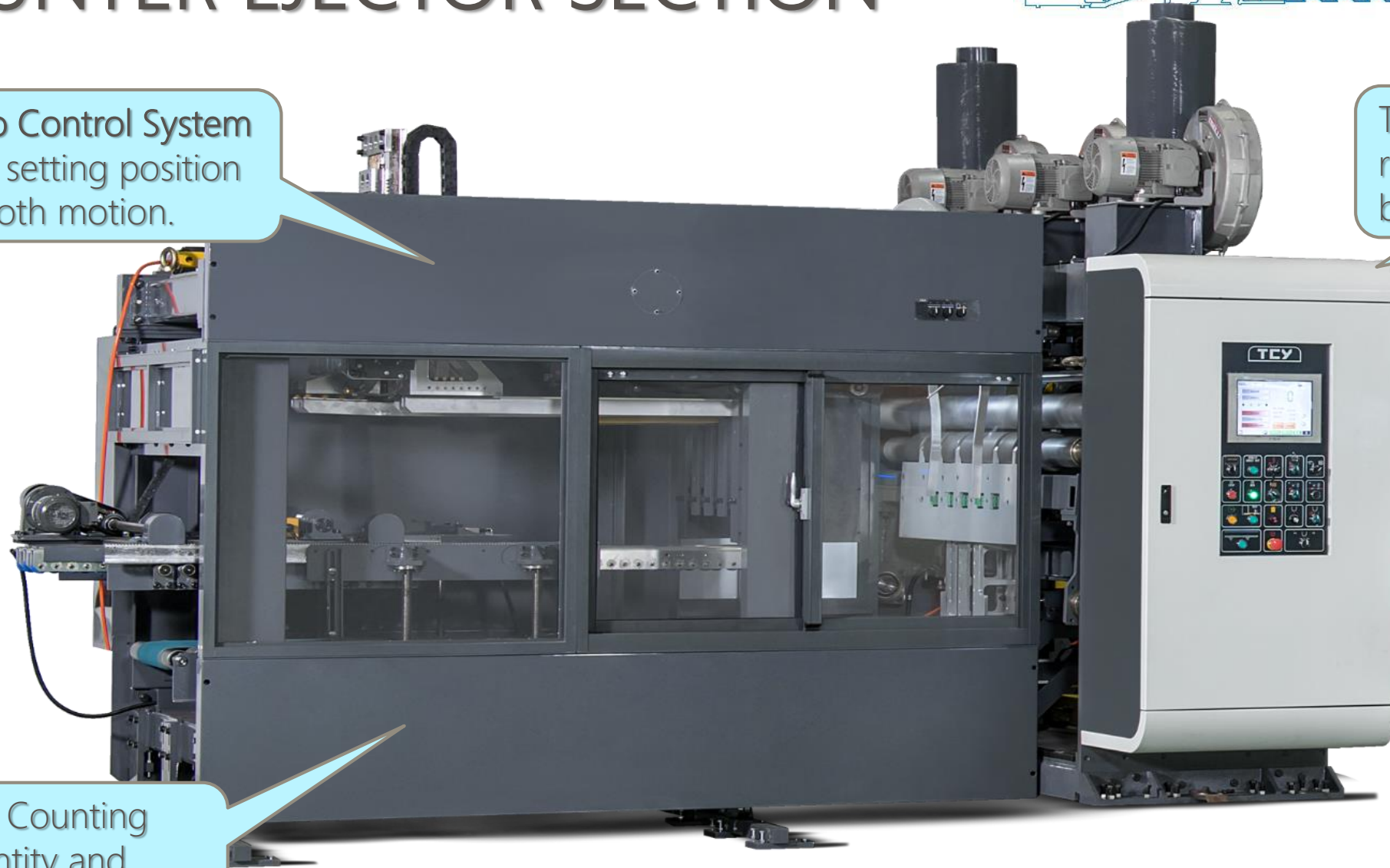
# COUNTER EJECTOR SECTION



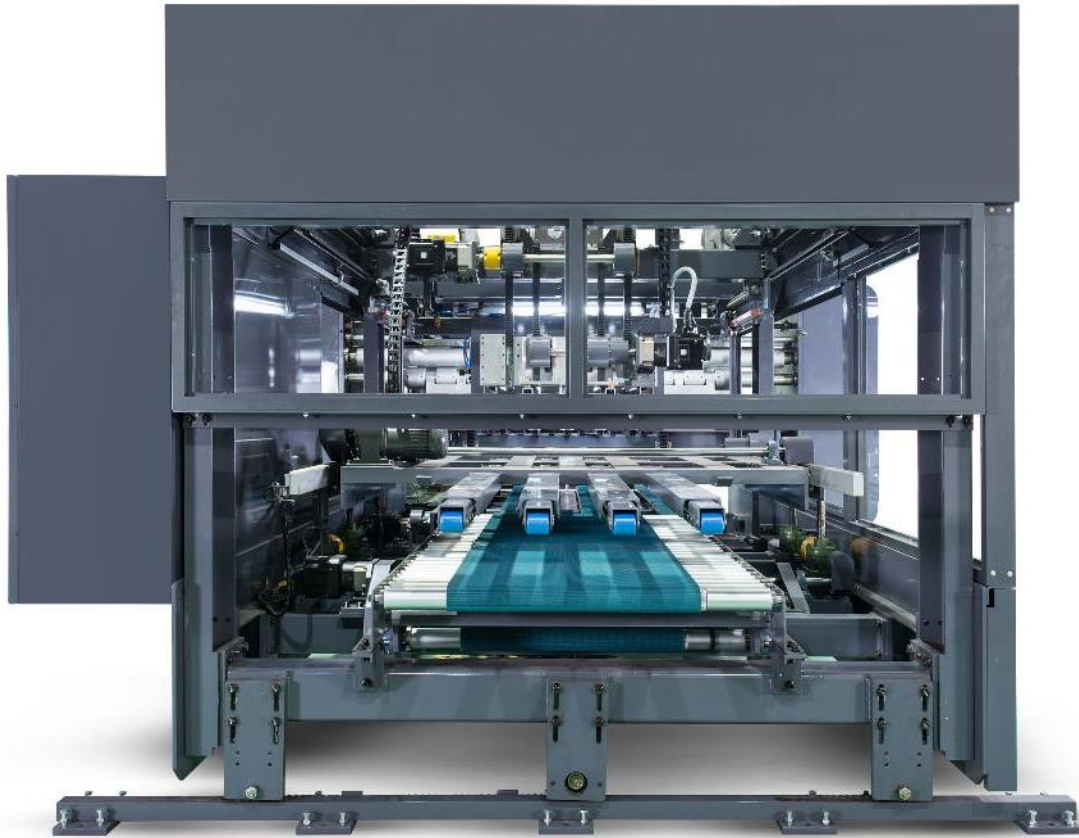
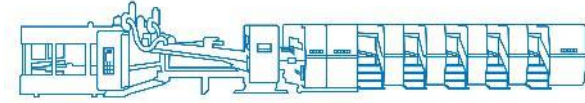
QS Servo Control System  
for quick setting position  
and smooth motion.

Top loading system for  
receiving and stacking  
boxes

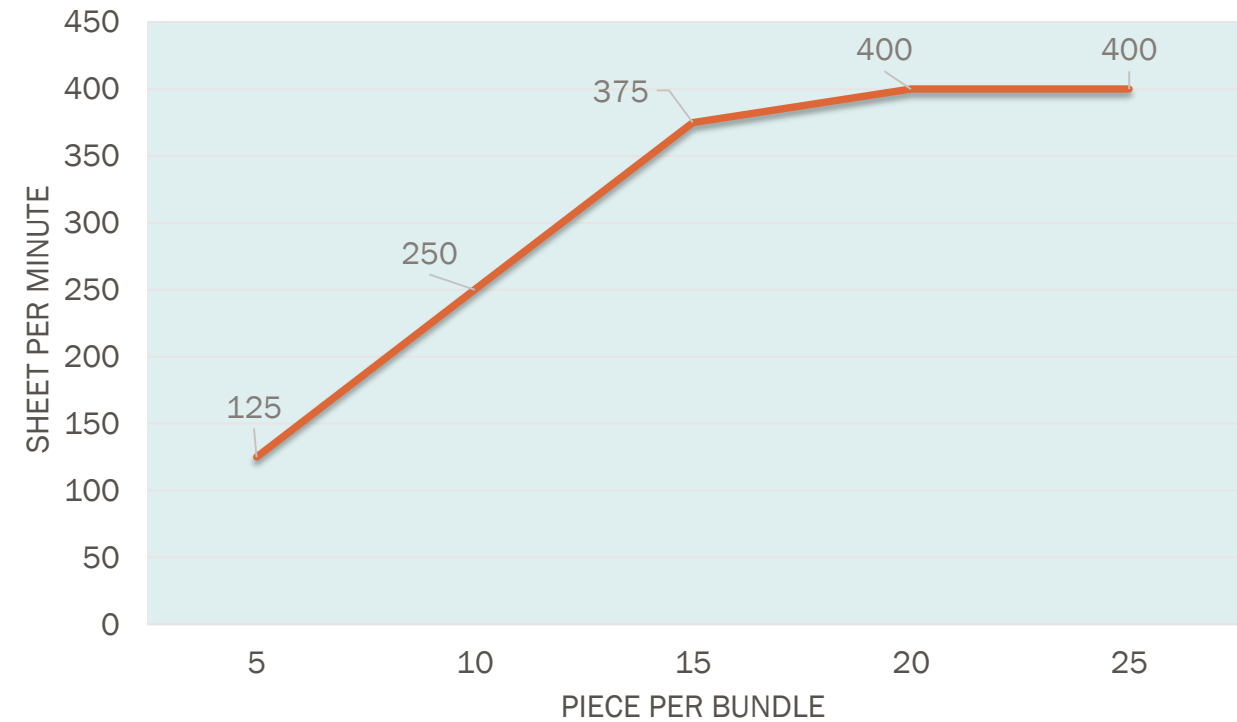
Accurate Counting  
Box Quantity and  
Eject Bundle of Boxes

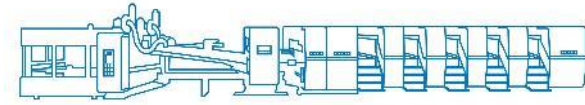


# COUNTER EJECTOR SECTION



## CYCLE TIME PER MINUTE





# EASY MAINTENANCE DESIGN



- Remote connection service



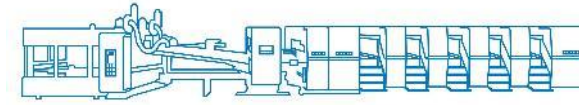
- TCY QS SmartTech  
Troubleshoot Guidance



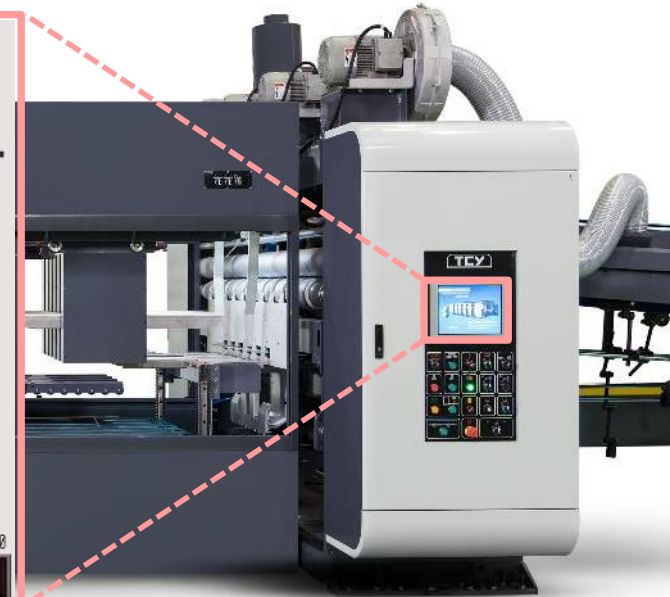
Maintenance  
Request

- TCY QS SmartTech  
Maintenance Reminder

# NEW!! TCY QS SmartTech



- Easy, Fast & Fashion
- 3D Display
- Smart Order Memory



Machine  
Axes  
Control

Error  
Proof

Order  
Status

Efficiency

Electrical  
contacts  
Monitor

Speed  
Control

Safety

Driver  
Monitor

Multiple  
Function

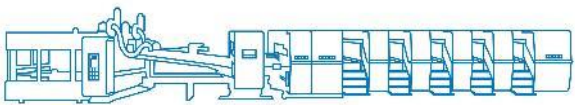
Quick  
Port  
Check

Dynamic  
informati  
on

Mainten-  
ance  
System



# SET UP TIME CHART



QS-618 Production

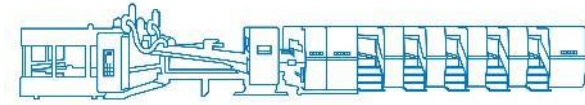
Last sheet

Machine stop

Machine running

Test print





*Set up* 2min

*Operator* 2persons

*Output* 24000sheet/hour

# QS-618

AVAILABLE FOR THE OTHER MACHINE SIZE : [WWW.TCY.COM](http://WWW.TCY.COM)

## High Speed Flexo Folder Gluer

Machine Size : 660mm x 1800mm  
Speed : MAX 400 Sheet/per minute  
Control : Full Servo Motor Drive  
Operation : Nonstop Order Change  
Precision : Printing Tolerance  $\pm 0.7\text{mm}$

A bright spotlight beam shines down from the top center of the frame, creating a soft, circular glow on the dark background. The beam is wider at the top and tapers slightly as it reaches the text.

# TCY

TCY MACHINERY MFG. CO., LTD.