

Set up 2min

Operator 2persons

Output 15600sheet/hour

QS-1227

AVAILABLE FOR THE OTHER MACHINE SIZE : WWW.TCY.COM

High Speed Flexo Folder Gluer

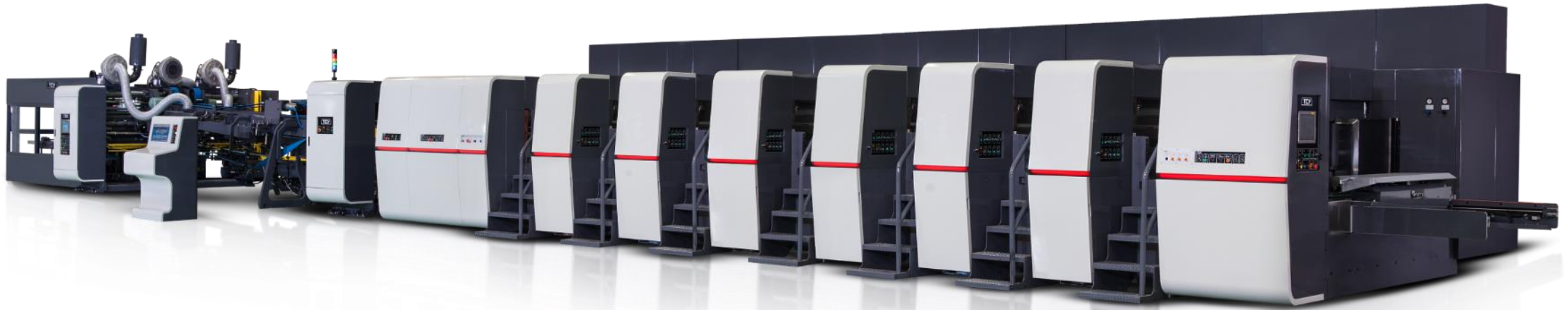
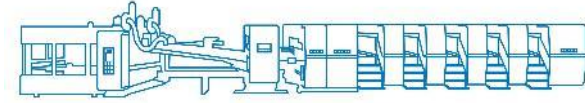
Machine Size : 1200mm x 2750mm

Speed : MAX 260 Sheet/per minute

Control : Full Servo Motor Drive

Operation : Nonstop Order Change

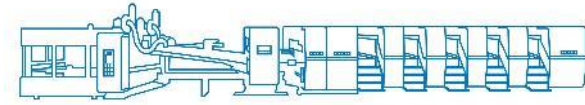
Precision : Printing Tolerance 0.7mm



QS - 1227

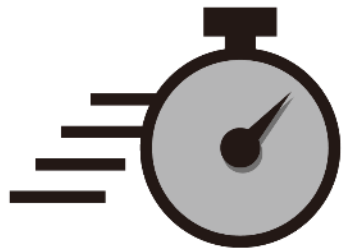
Essential Features

- 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 - 1227

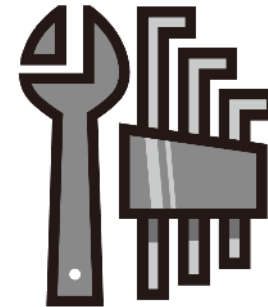
Essential Features



Fast Setup
Fast Operation



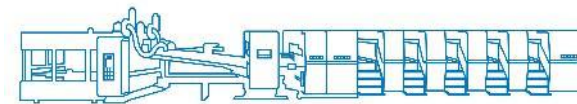
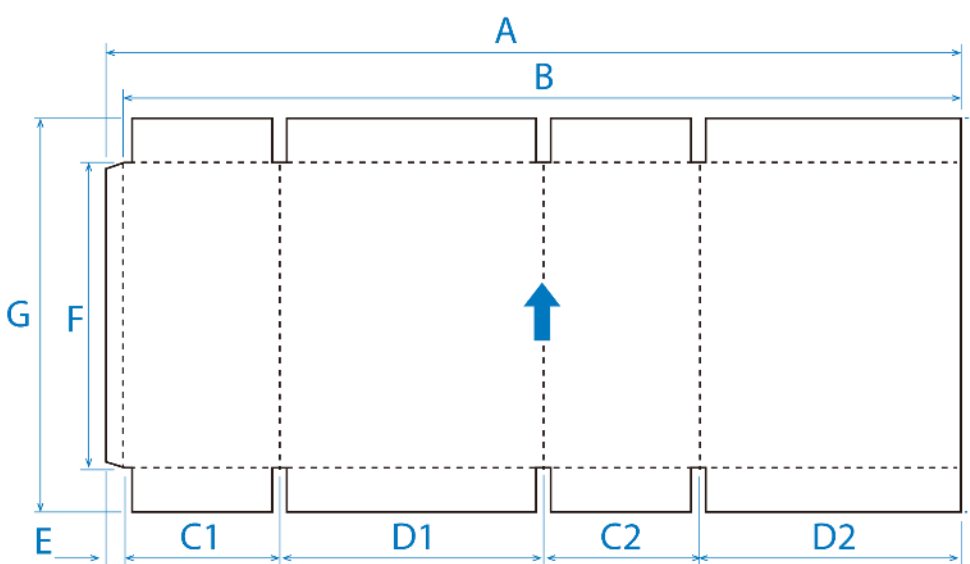
Non-Stop
Order Change



Easy Maintenance



Full Independent
Servo Drive



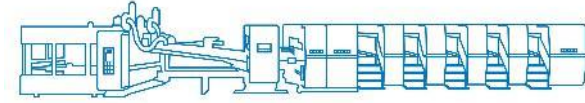
Top Print



| REF. | Model No. : QS-1227 | INLINE | |
|-------|-------------------------------------|--------|------|
| | Machine Size : 1200 X 2750 (MM) | MIN. | MAX. |
| A | FINISHED BLANK ※ MAXIMUM FOR B+E | 755 | 2700 |
| B | PRINTING SURFACE LENGTH | | 2630 |
| C1=C2 | PANEL(SMALL) | 100 | 950 |
| D1=D2 | PANEL(LARGE) | 175 | 950 |
| D1+C2 | TWO PANEL (SMALL+LARGE) | 360 | 1325 |
| E | GLUE LAP WIDTH | 35 | 50 |
| F | BOX HEIGHT | 90 | |
| G | SHEET WIDTH (standard regular feed) | 310 | 1100 |
| | SHEET WIDTH (skip feed) | | 1200 |
| | MAX. MACHINE SPEED (SHEETS/MIN) | | 260 |



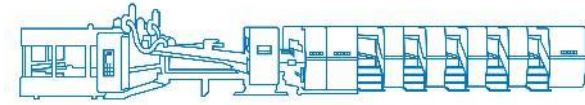
QS SERVO CONTROL SYSTEM



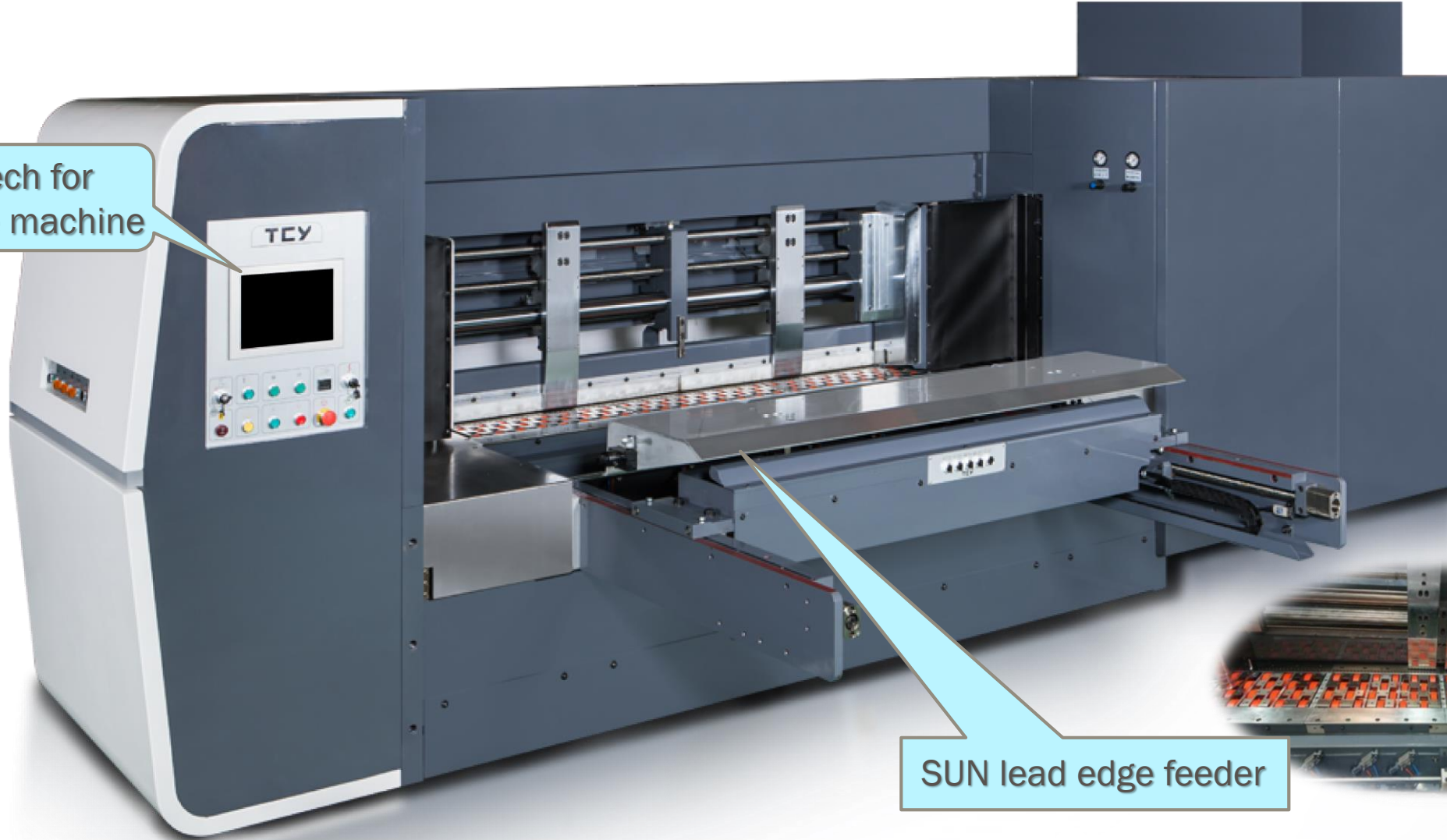
- TAIWAN First & Only Full Independent Servo Drive System
- Every SHEET is ALL control BY QS SERVO CONTROL SYSTEM:
 1. Accurate Feeding by **QS Servo Control**
 2. Accurate Printing by **QS Servo Control**
 3. Accurate Slotting and Creasing by **QS Servo Control**
 4. Accurate Die-Cutting by **QS Servo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



FEEDER SECTION



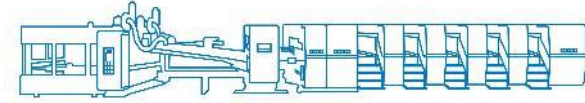
TCY Smart Tech for
Easy operate machine



SUN lead edge feeder



FEEDER SECTION

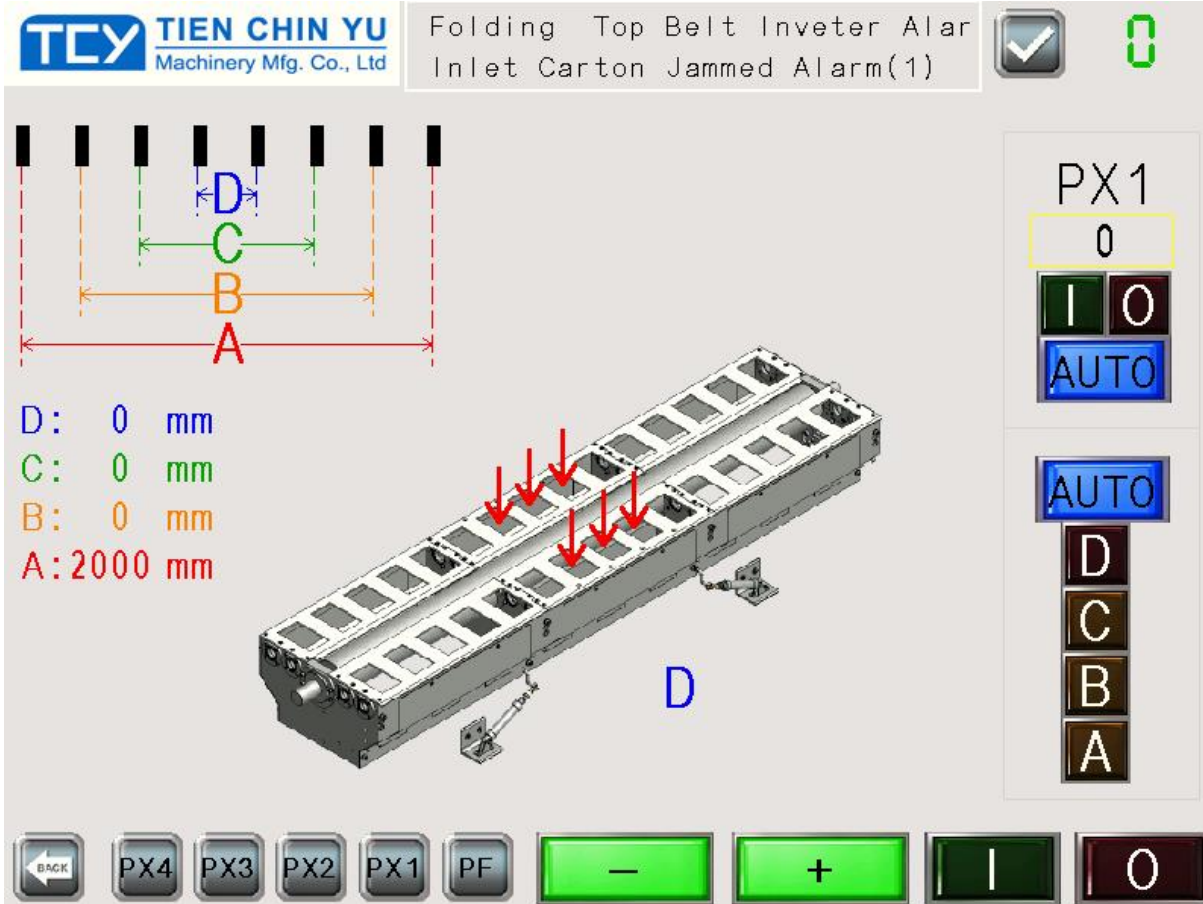
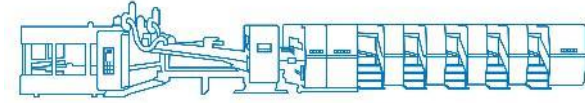


A Rubber Pull Roll and a Metal Pull Roll Design to prevent sheet board crush

Feeding stroke automatically adjust by order size

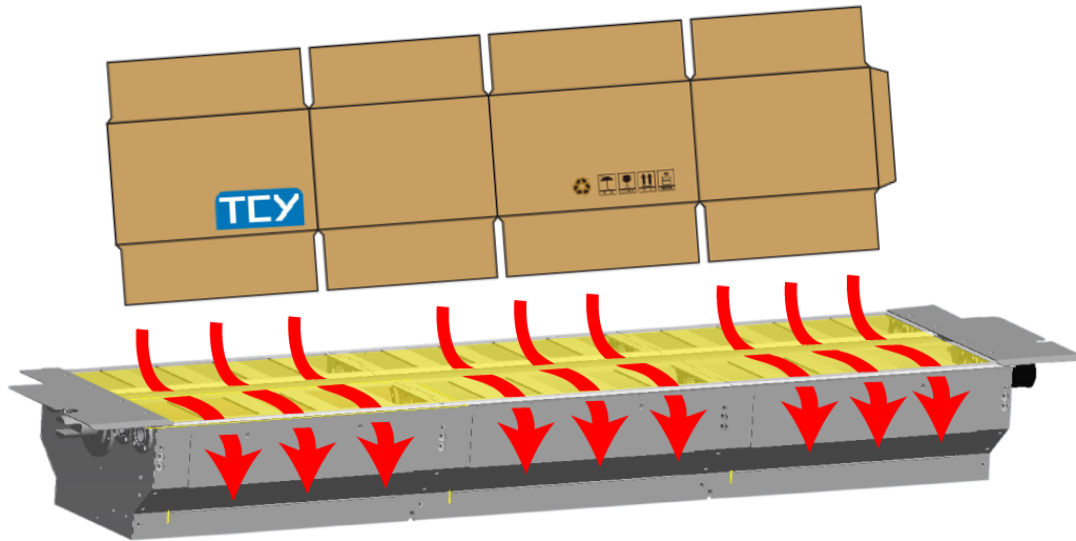
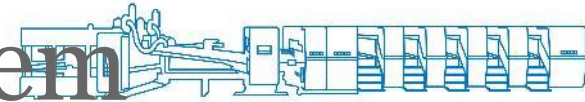


Automatic Vacuum Damper System

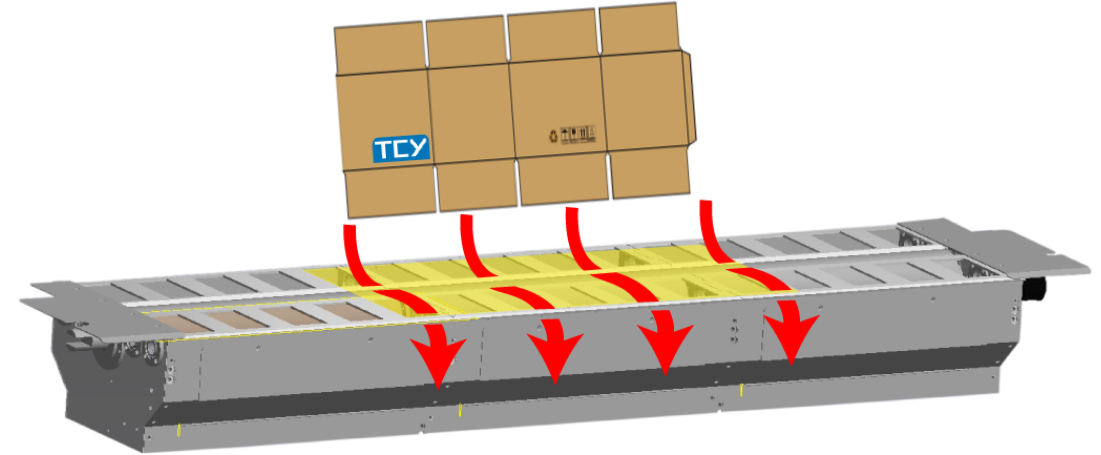


1. Automatically select Best damper Zone when running different orders.
2. Four groups of different damper sizes for multiple orders.
3. Automatically Vacuum Damper System available on every QS Series machine.

Automatic Vacuum Damper System

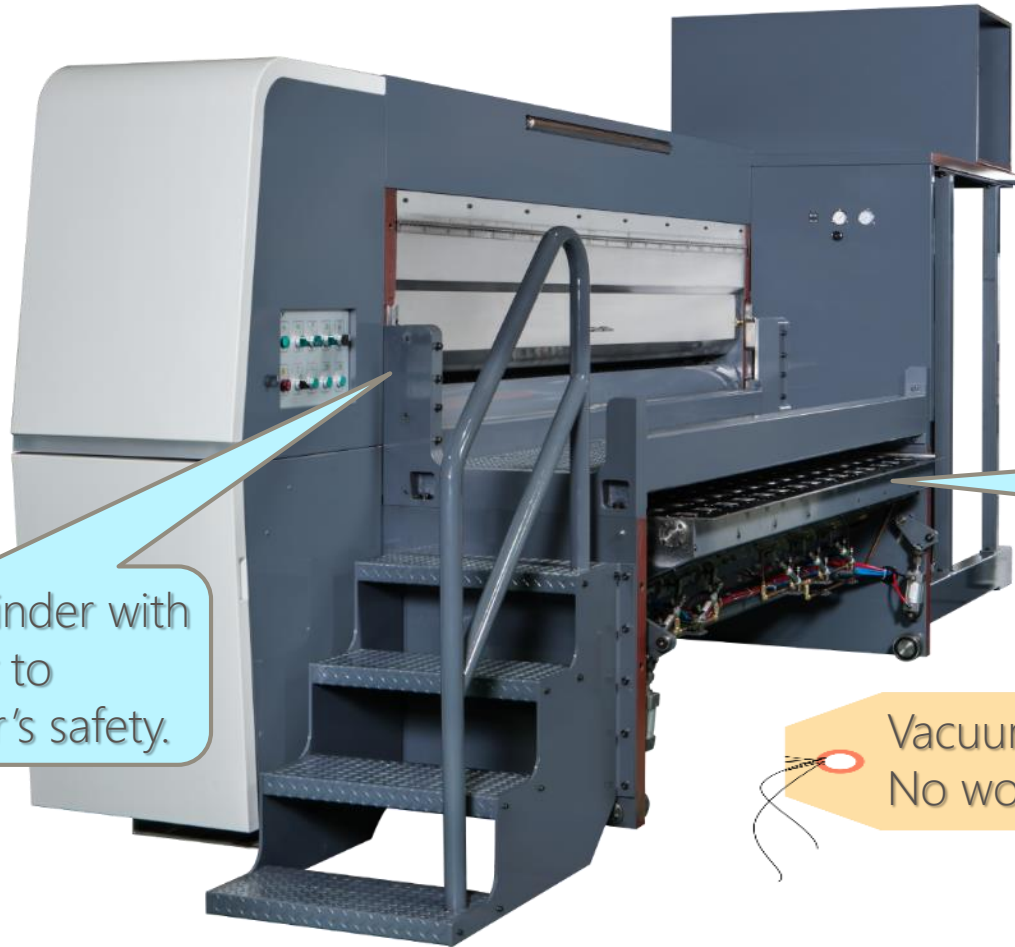
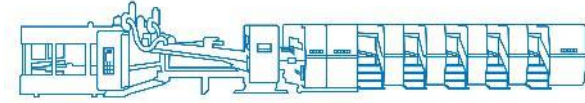


Big Sheet



Small Sheet

PRINTER SECTION



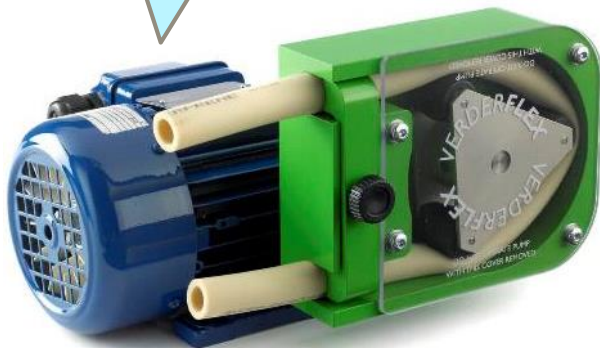
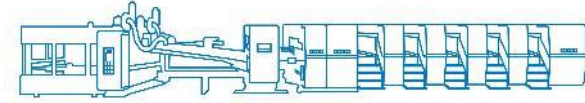
The Printing Cylinder with protective cover to protect operator's safety.

Vacuum Transfer System With Special coating vacuum transfer wheel

Vacuum Transfer Wheel Guarantees for 5 YEARS
No worn out



PRINTEFR SECTION



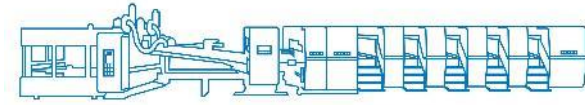
Peristaltic pump
for stable ink
viscosity and flow.

TCY ink doctor chamber
blade or rubber roll
System are available

Each printer is moveable
for easy cleaning and
maintenance.



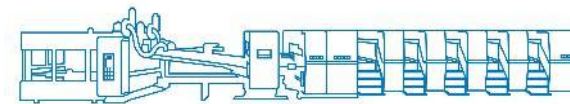
CHANGING OF PRINTING DIE



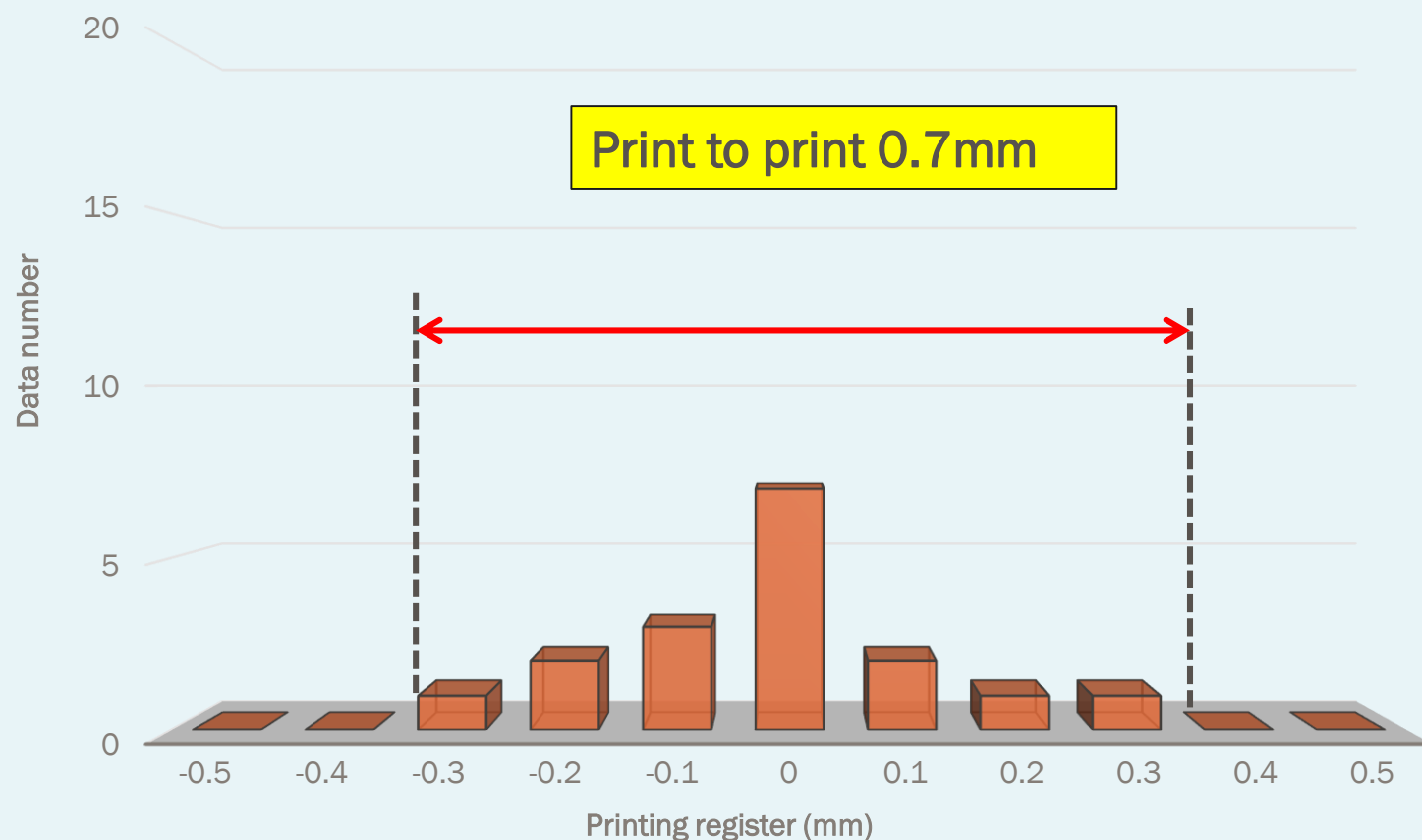
Motorized reel rod lock and release for mounting stereo by push button without hand tool.

Anilox Roll Cover for Safety operation.

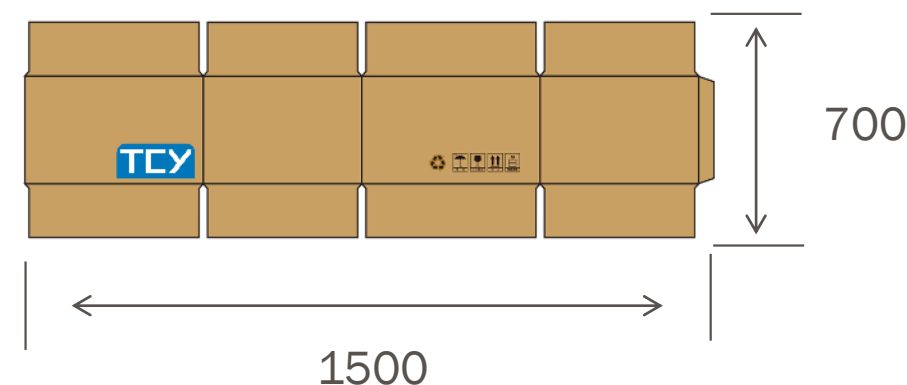
PRINTING REGISTER DATA



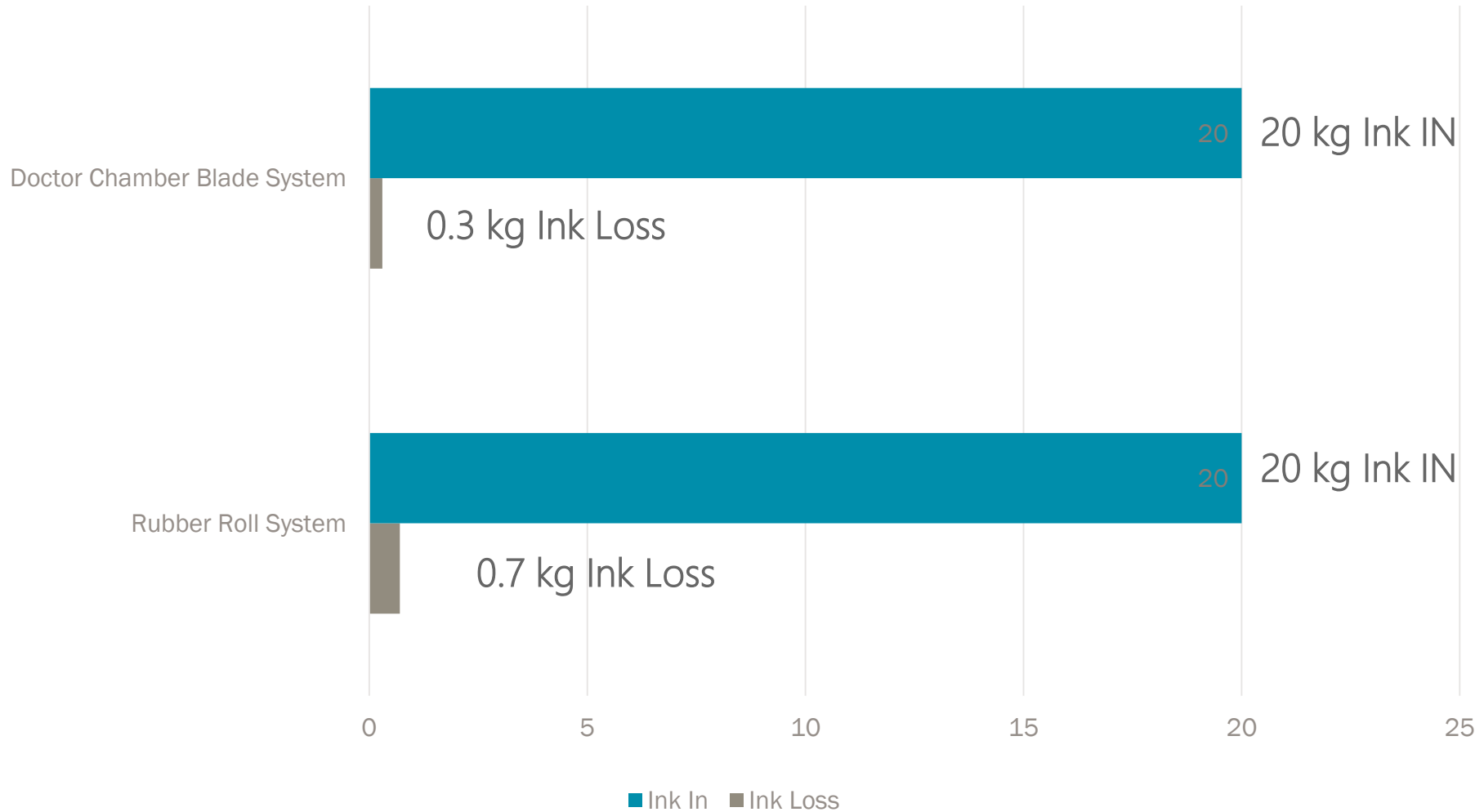
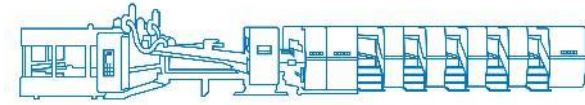
Sample Q'ty "20"



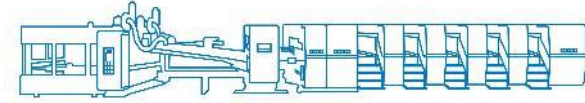
- Flute : B
- Blank size : L700mm x W1500mm
- Material : K220 X SCP120XK220
- Speed: 260 sheet / min
- 2 color (print to print)



PRINTER UNIT INK LOSS



Auto-Wash System



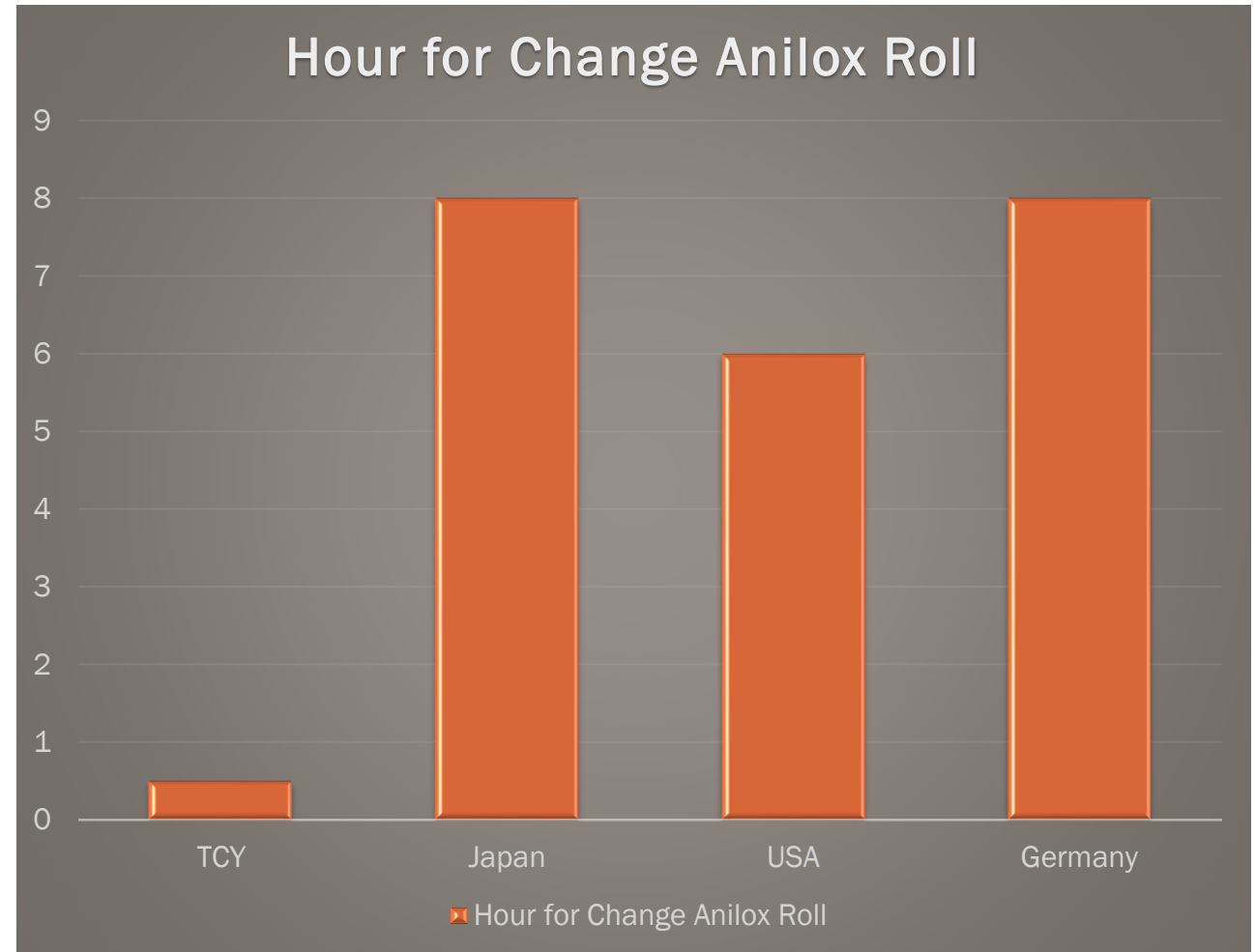
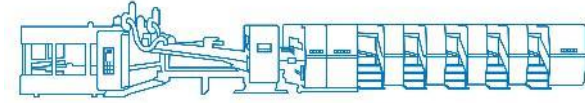
Locker with Sensor is available in Safety program of TCY SmartTech System

Special Sprinkler for spray 7kg/cm² water and air blast

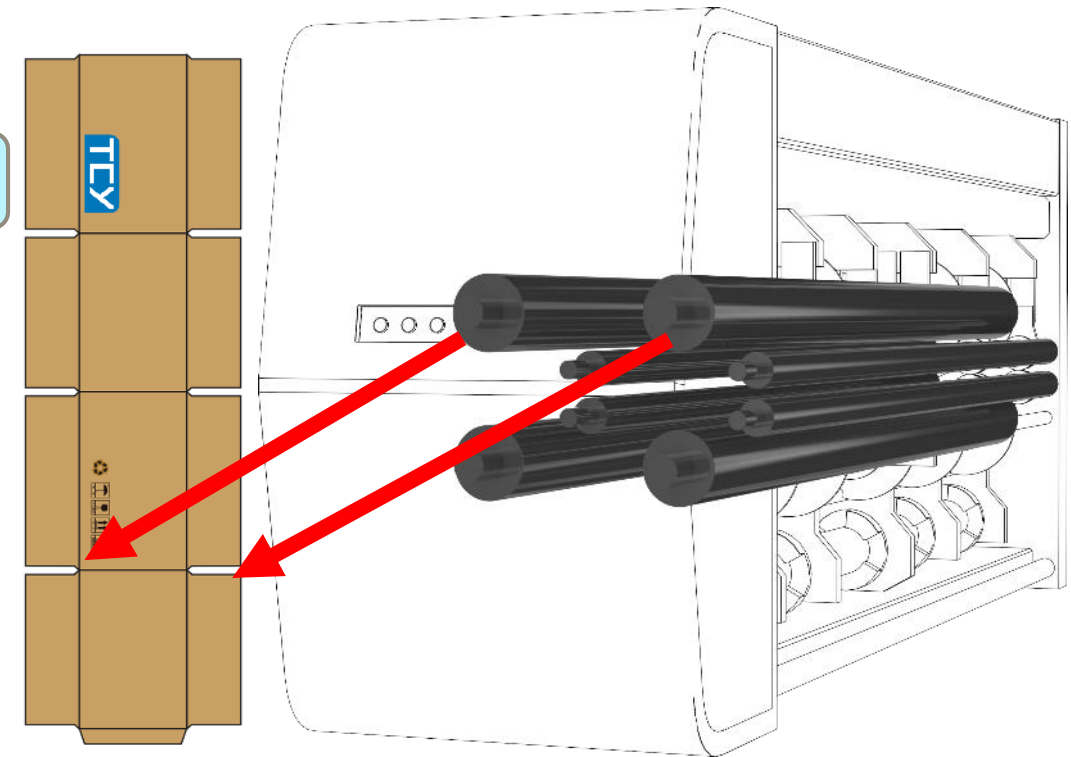
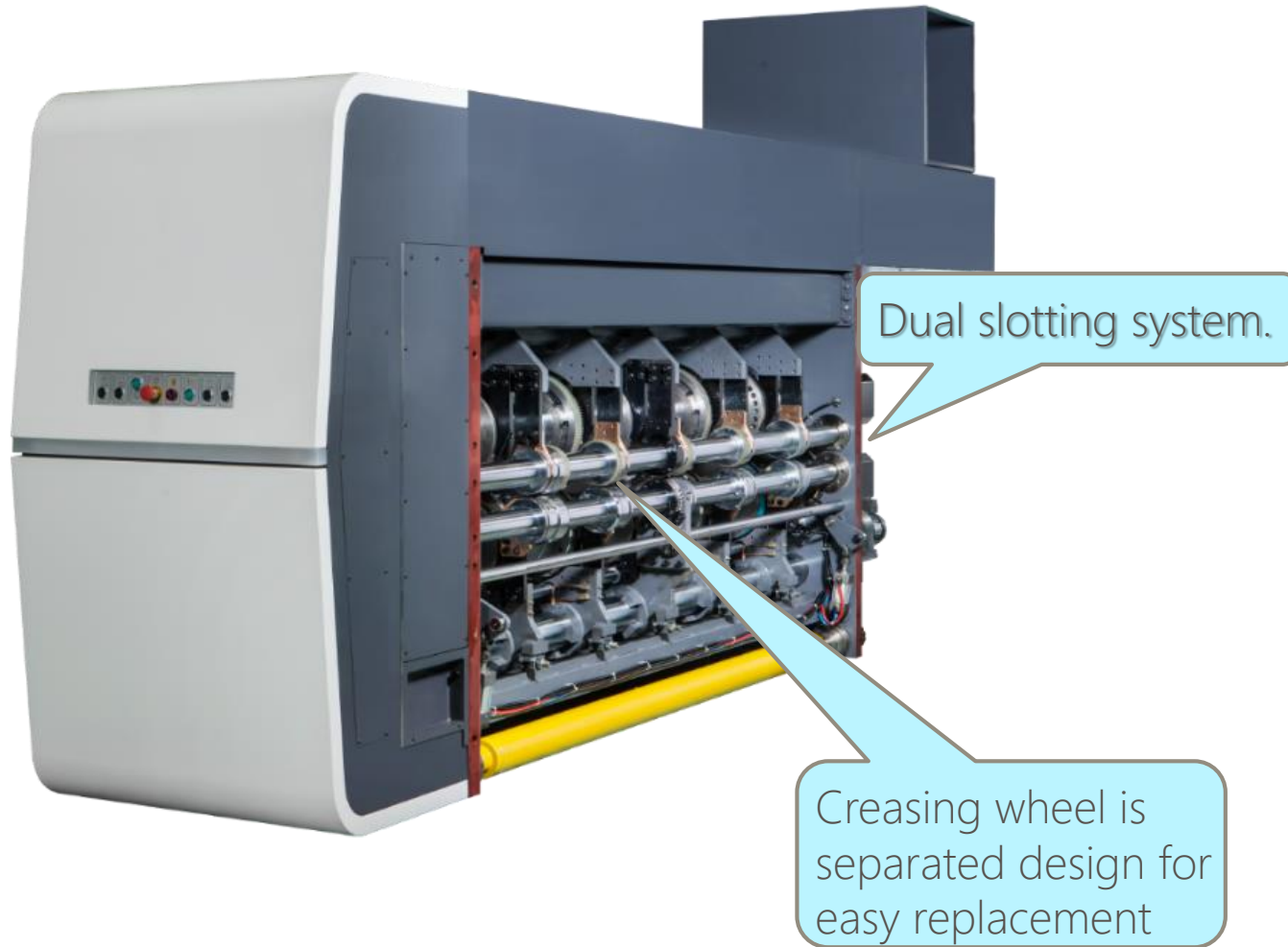
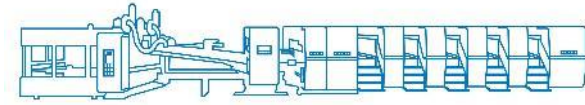
Doctor Blade System can provide quality print

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

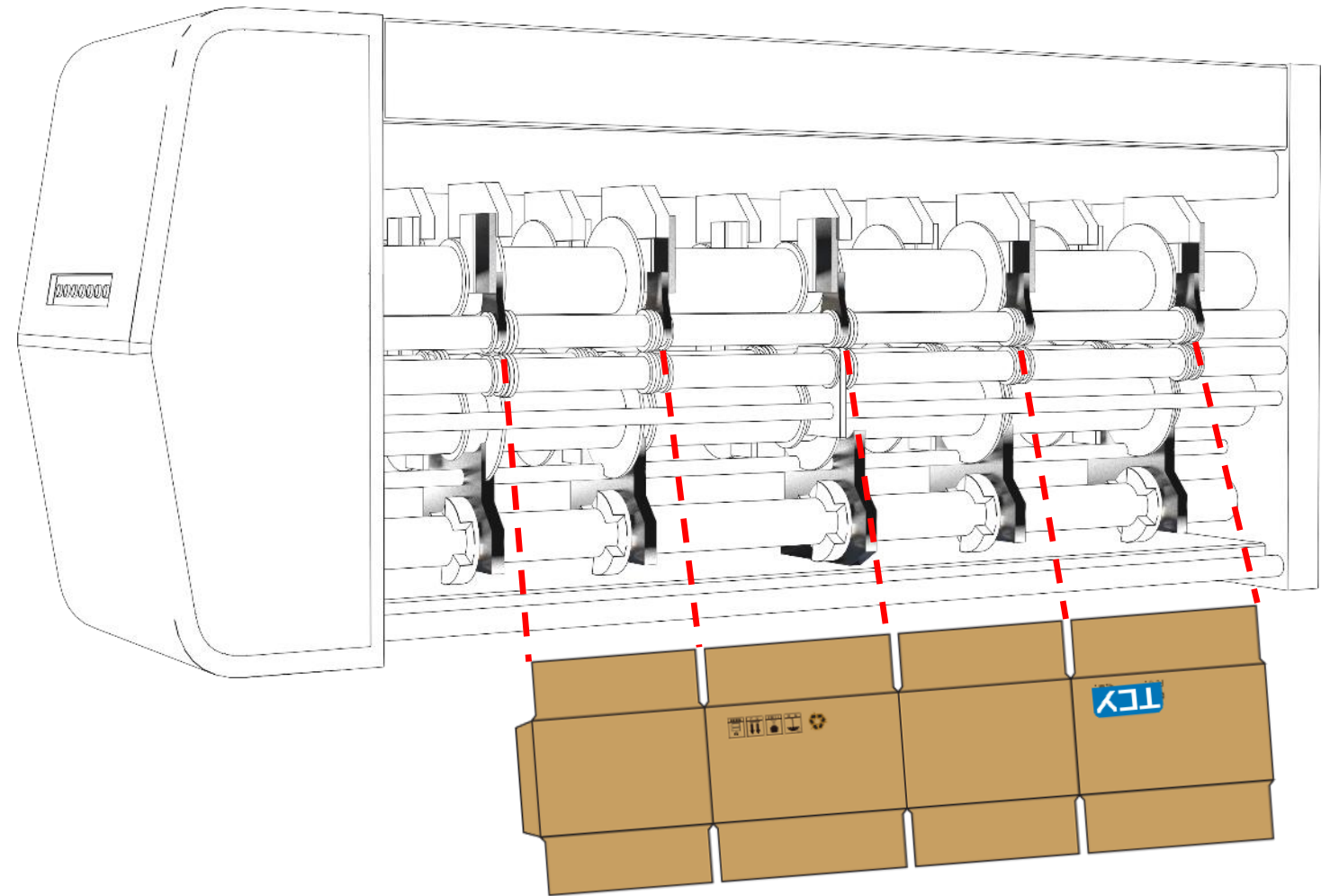
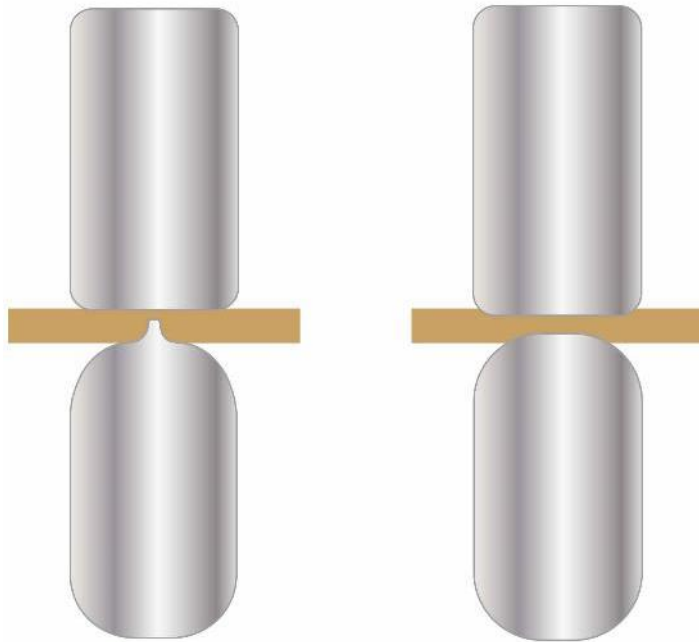
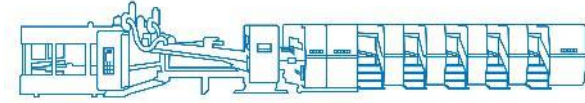
Anilox Roll Quick change For only half hour



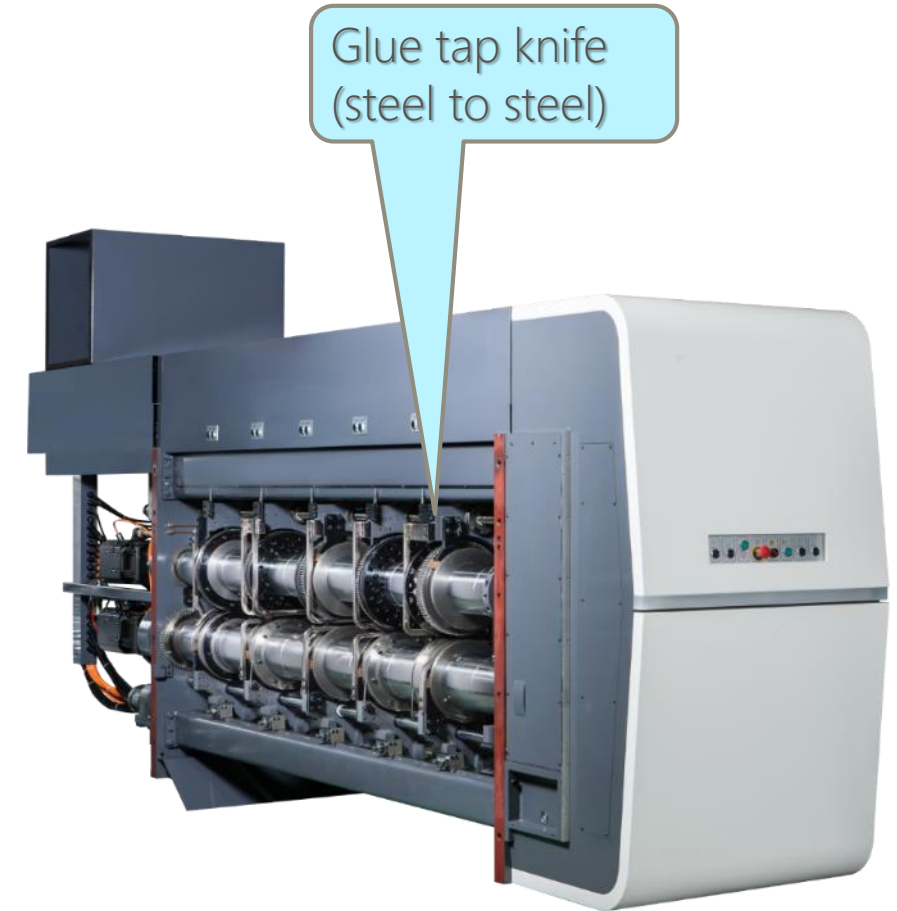
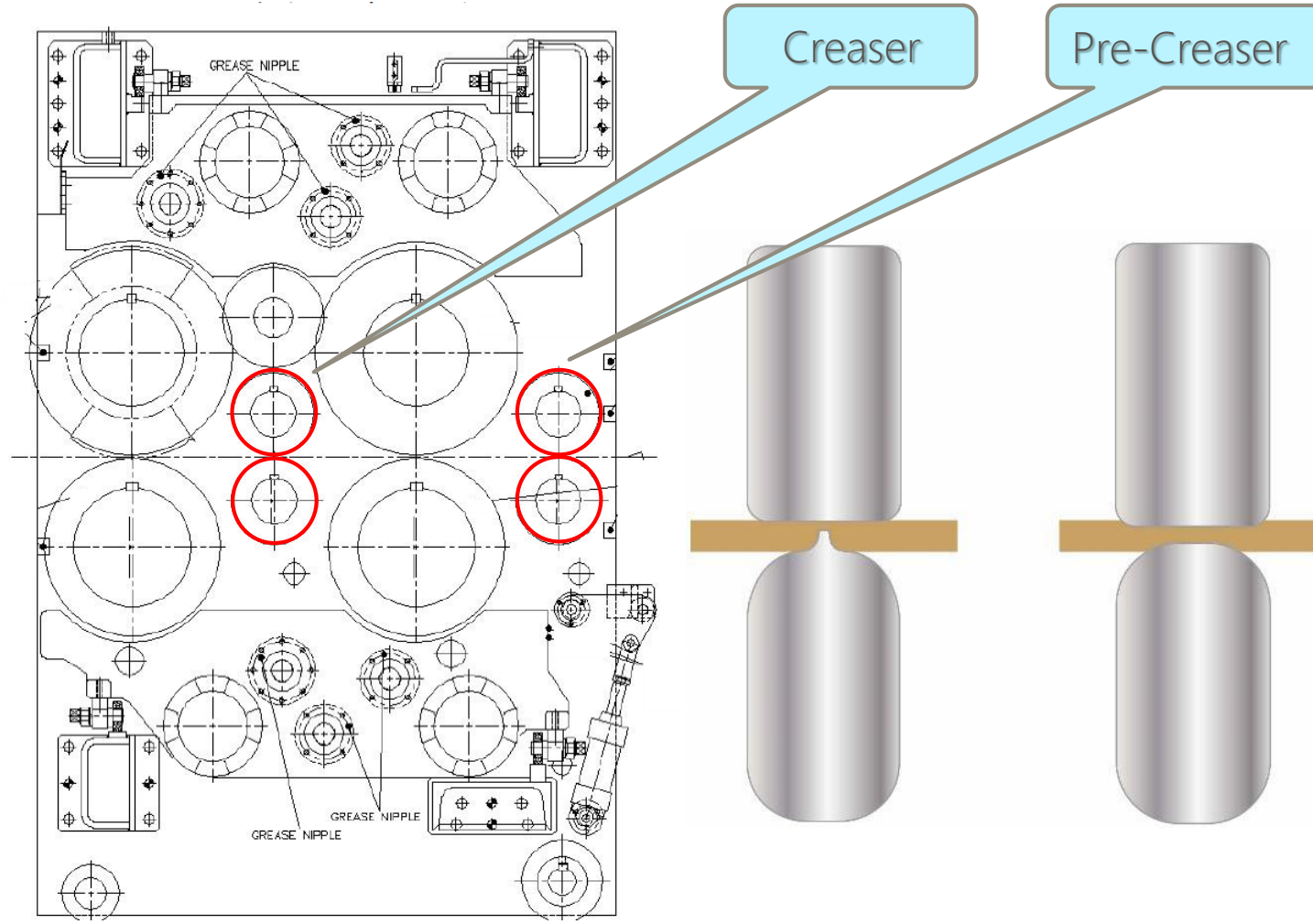
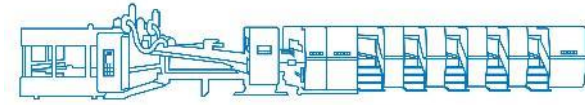
CREASER SLOTTER SECTION



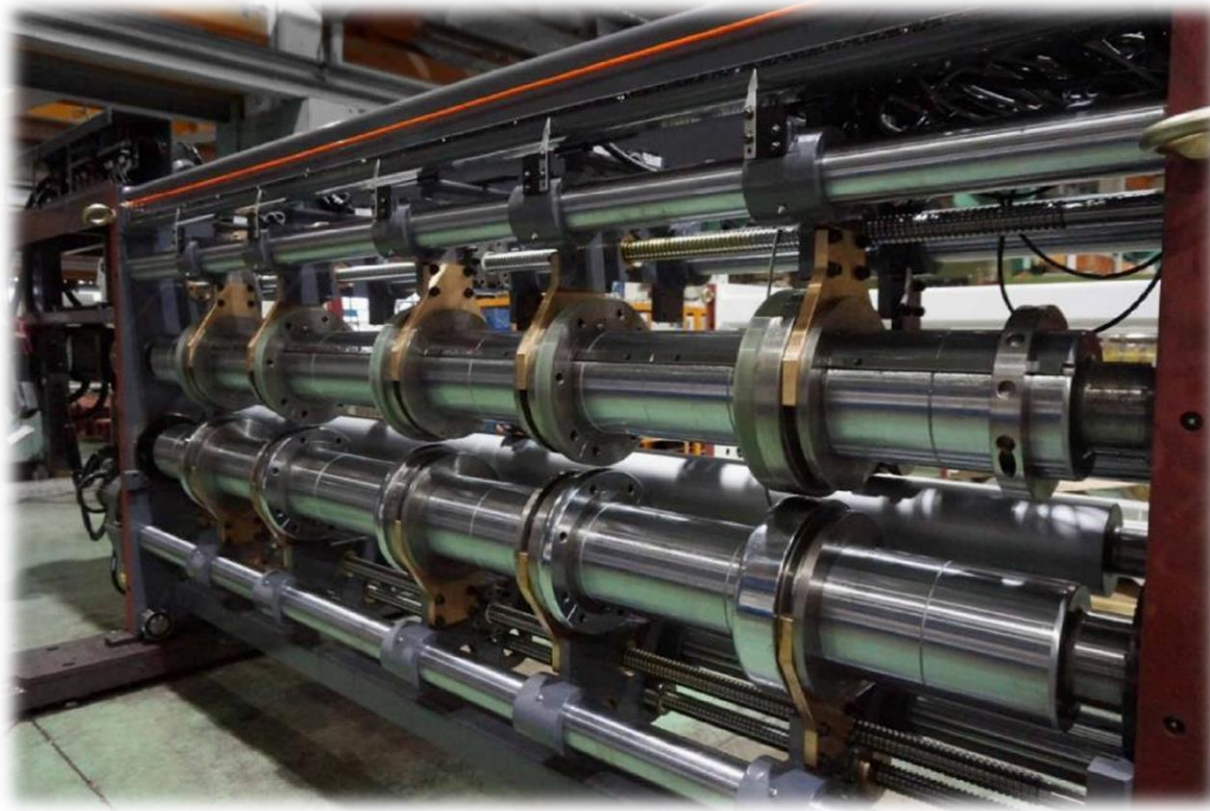
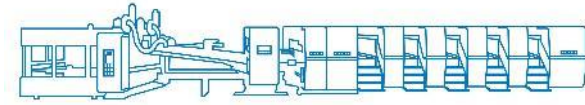
CREASER SLOTTER SECTION



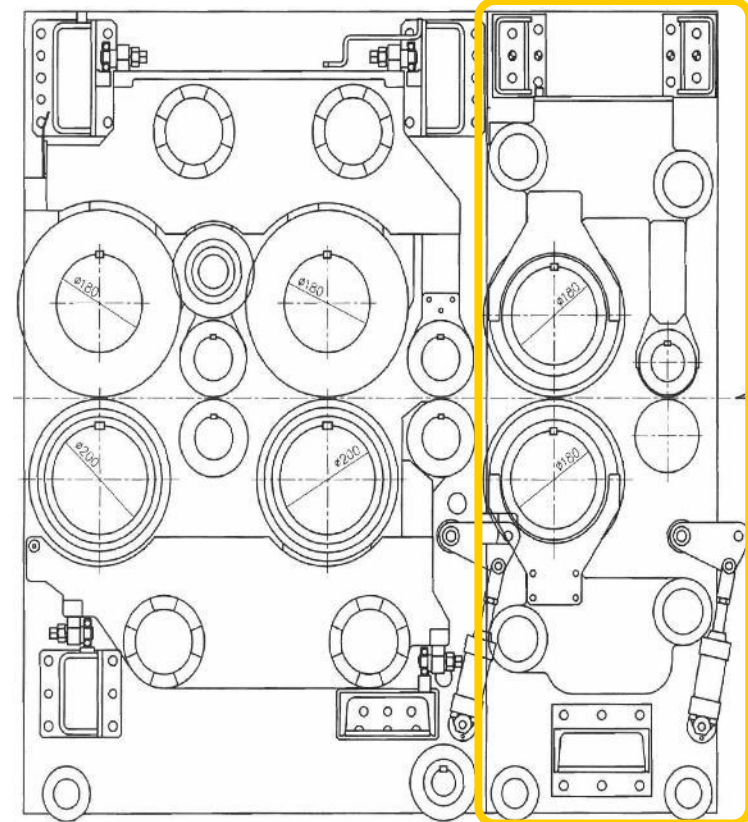
CREASER SLOTTER SECTION



INDEPENDENT CREASER SECTION

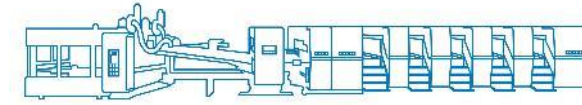


Independent creaser

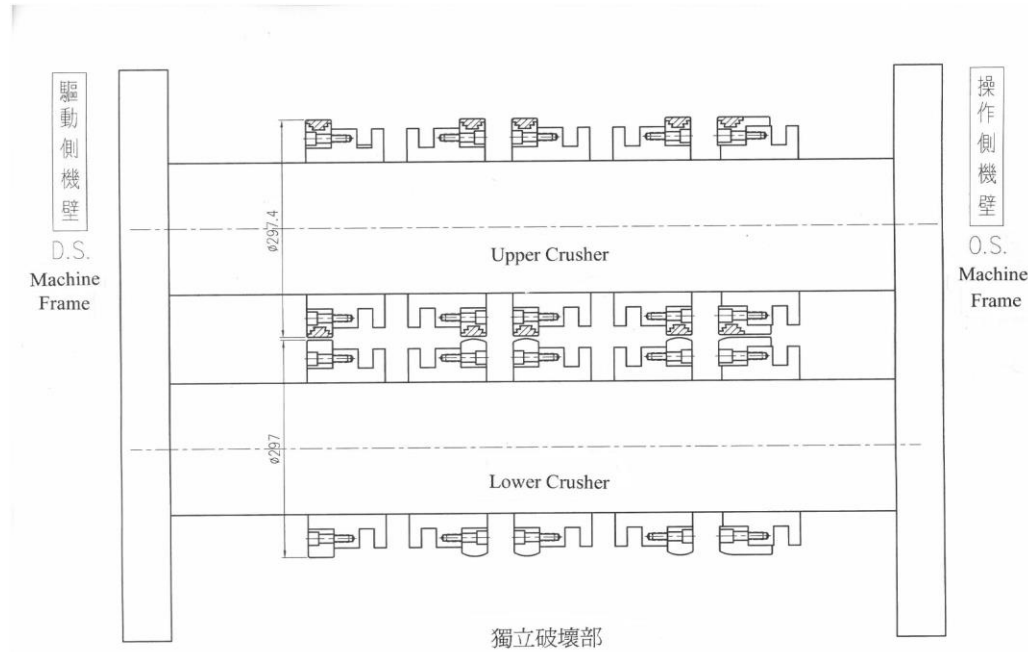


- Independent creaser.
- Helpful for accuracy folding of double wall sheet board.

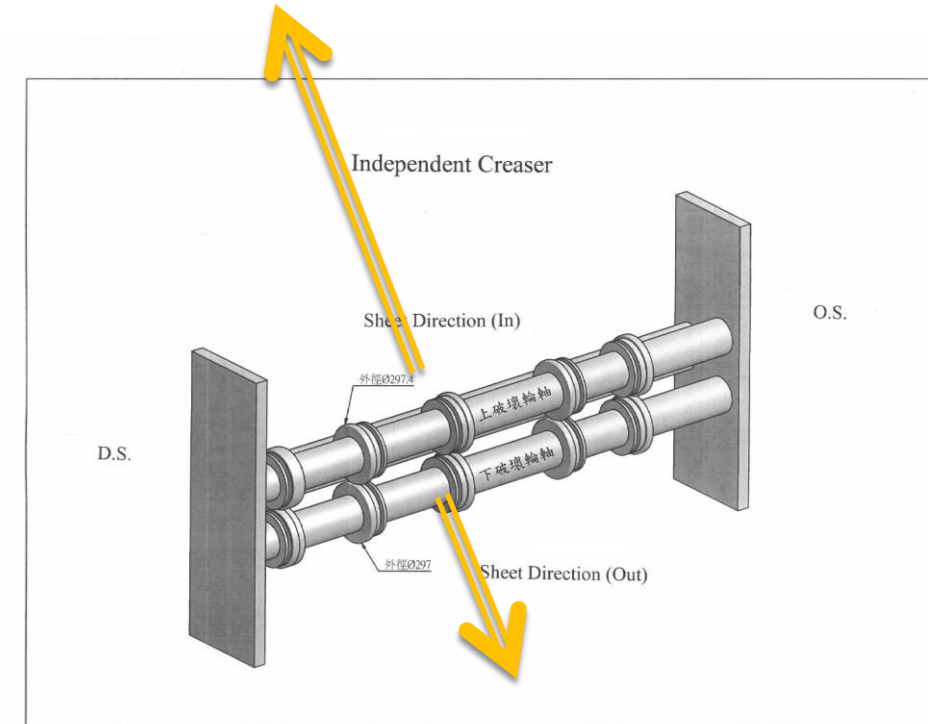
INDEPENDENT CREASER SECTION



TOP VIEW



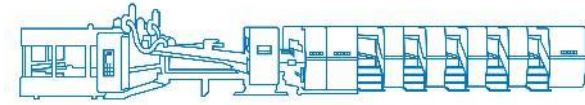
Diameter of upper independent creaser 297.4mm



Diameter of lower independent creaser 297mm

- Big creaser
- avoid fish tailing
 - avoid low material board damage
 - reduce fish tailing , overlap , gap issue and creaser line adjust time

ROTARY DIE CUTTER SECTION



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

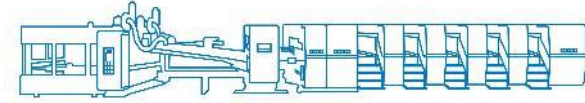
Anvil trimming and anvil drum synchronized drive

Auto guide ring system

Option SerraPid mounting system



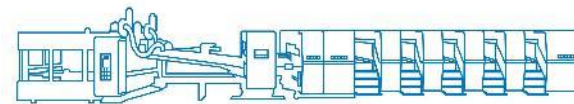
FOLDER GLUER SECTION



Sheet inclined detector
equipped in folding section
to detect sheet skewed

FOR ACCURATE FOLDING GAP AND ELIMINATE FISH TAILING

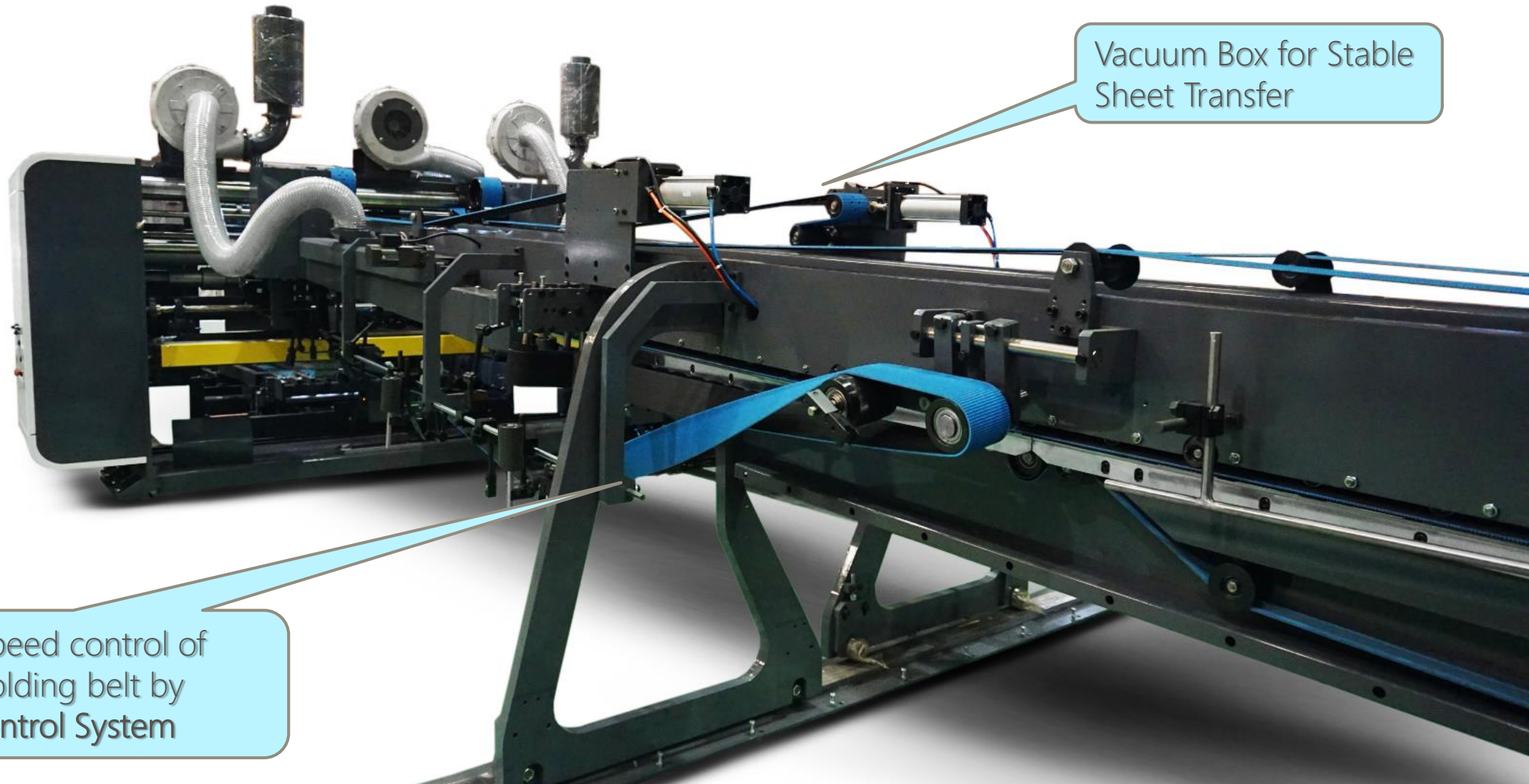
FOLDER GLUER SECTION



Auto adjustment of folder gluer
entrance for different sheet board
thickness



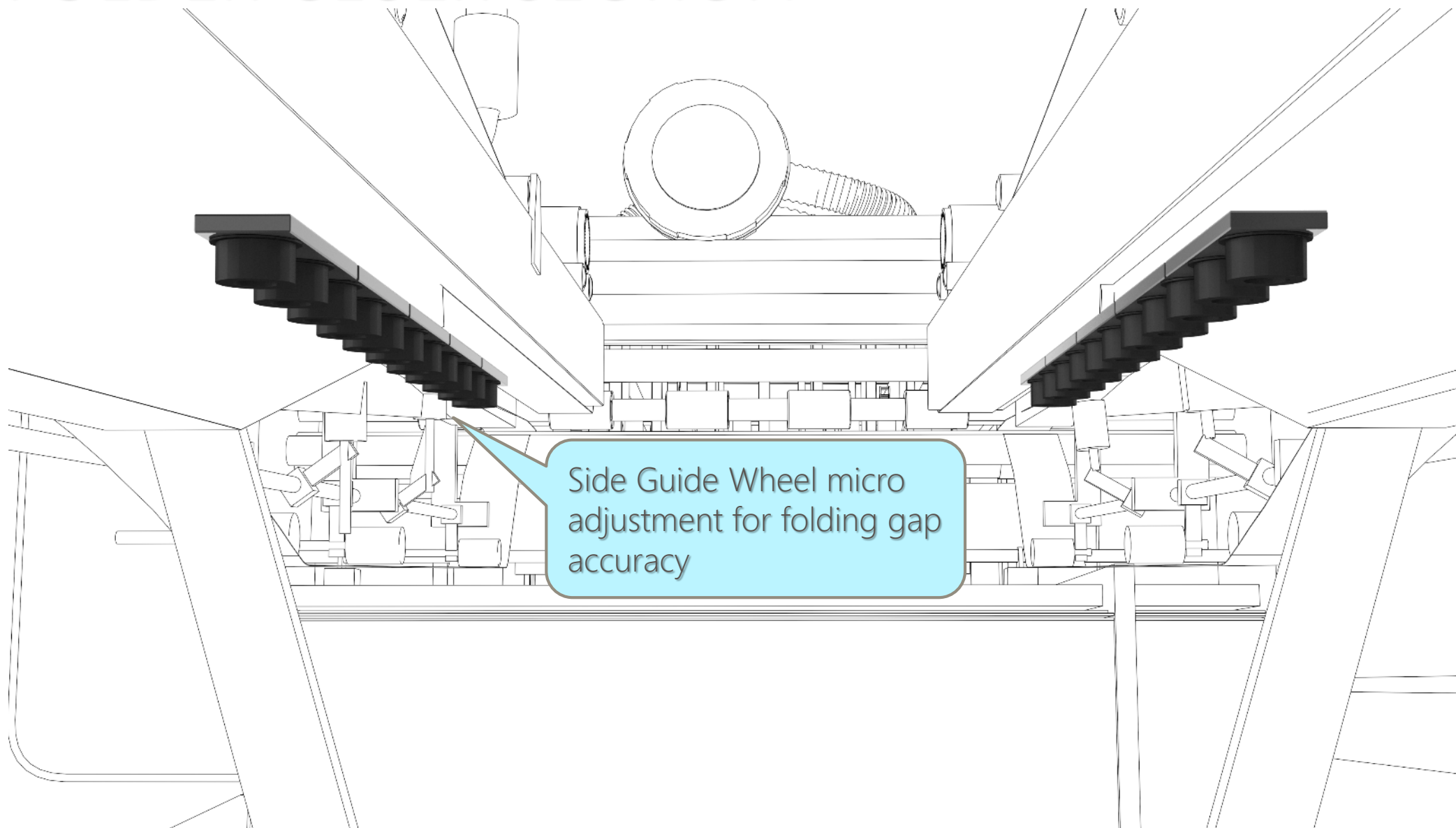
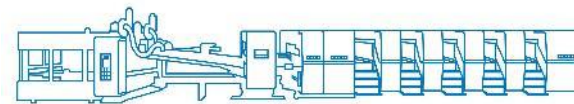
FOLDER GLUER SECTION



Vacuum Box for Stable Sheet Transfer

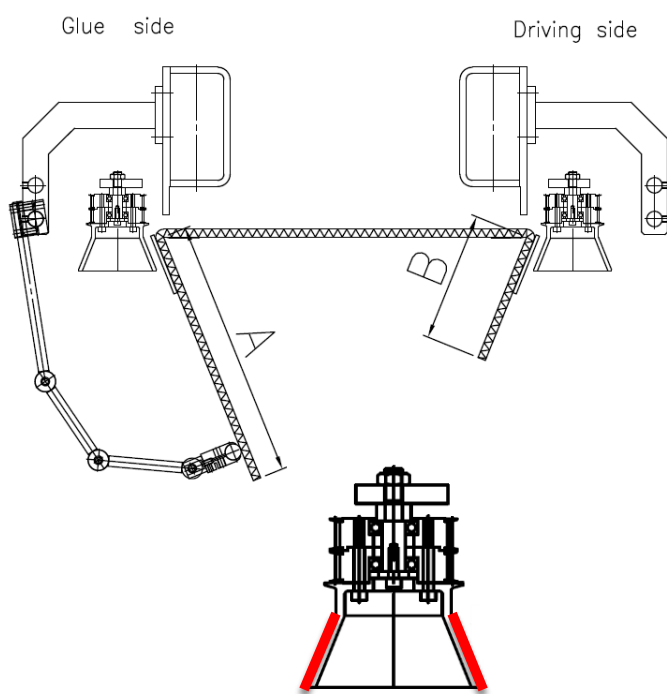
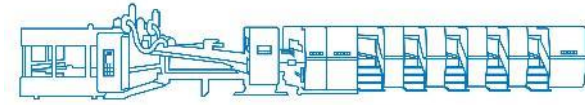
Adjustable speed control of both lower folding belt by QS Servo Control System

FOLDER GLUER SECTION

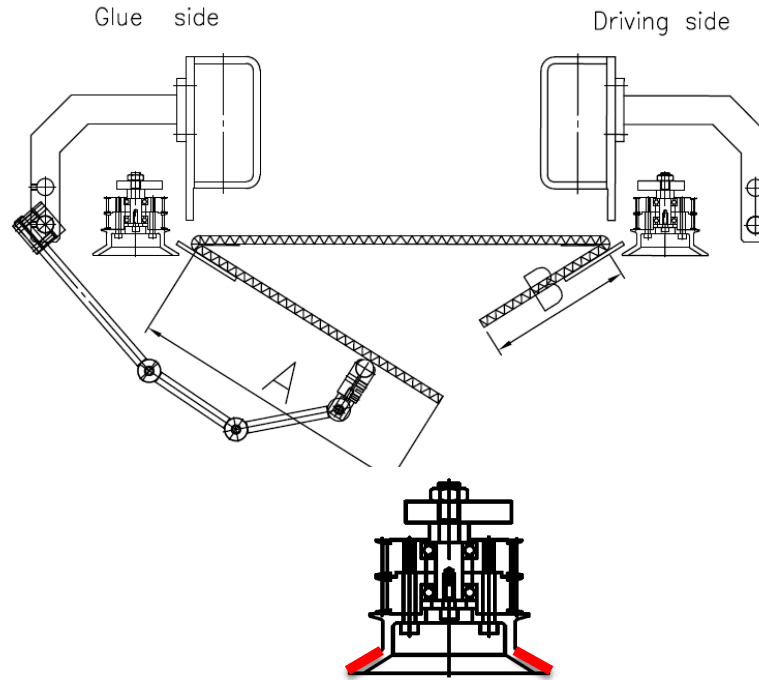


Side Guide Wheel micro adjustment for folding gap accuracy

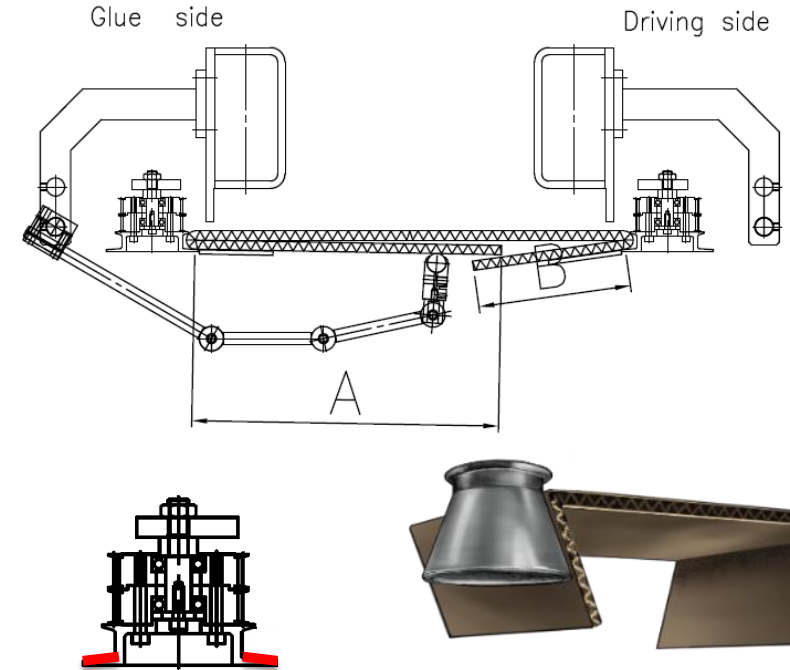
FOLDER GLUER SECTION



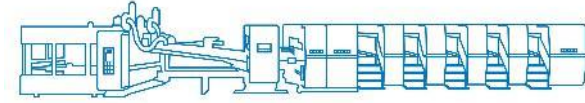
Side Guiding Wheel
can micro adjustment
for folding gap



Every Guiding Wheel is
designed for different
Angle



COUNTER EJECTOR SECTION



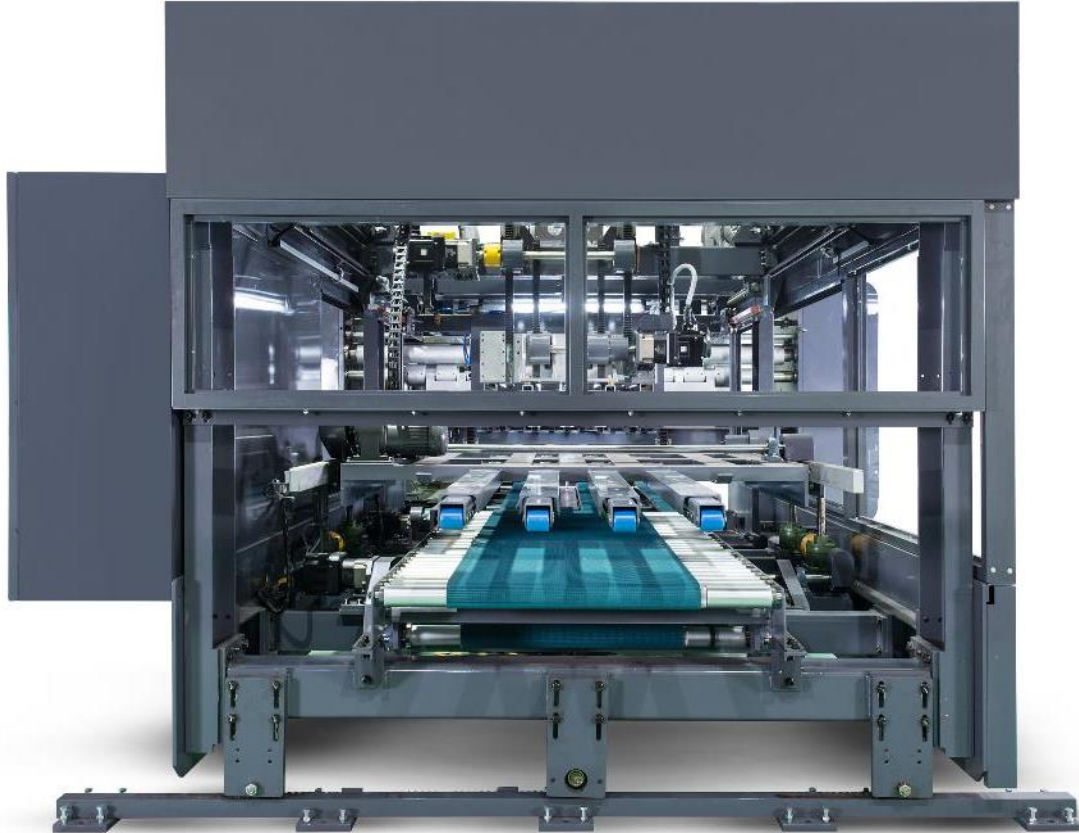
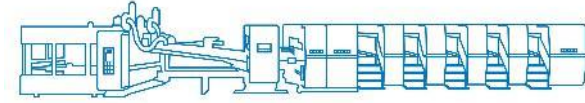
QS Servo Control System
for quick setting position
and smooth motion.

Top loading system for
receiving and stacking
boxes

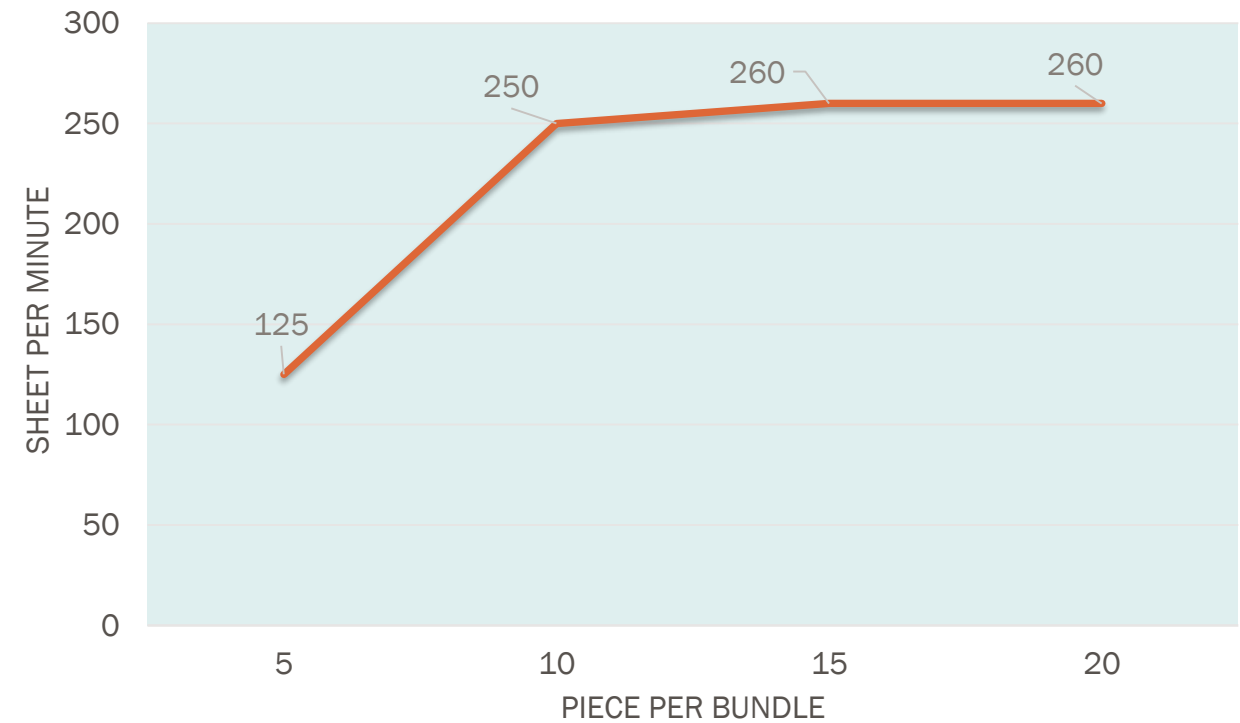


Accurate Counting
Box Quantity and
Eject Bundle of Boxes

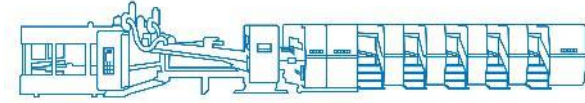
COUNTER EJECTOR SECTION



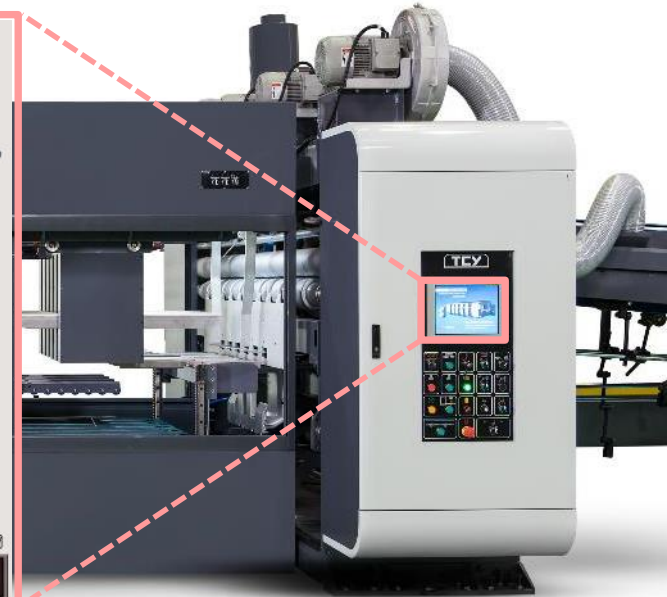
CYCLE TIME PER MINUTE



NEW!! TCY QS SmartTech



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



Machine
Axes
Control

Error
Proof

Order
Status

Electrical
contacts
Monitor

Speed
Control

Driver
Monitor

Dynamic
informati
on

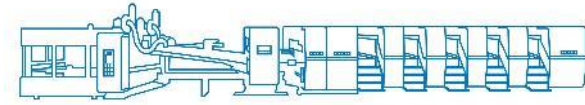
Efficiency

Safety

Multiple
Function

Quick
Port
Check

Mainten
ance
System



EASY MAINTENANCE DESIGN



- Remote connection service



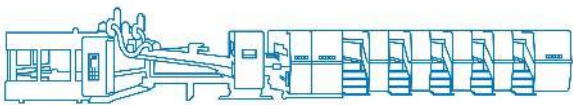
- TCY QS SmartTech
Troubleshoot Guidance



Maintenance
Request

- TCY QS SmartTech
Maintenance Reminder

SET UP TIME CHART



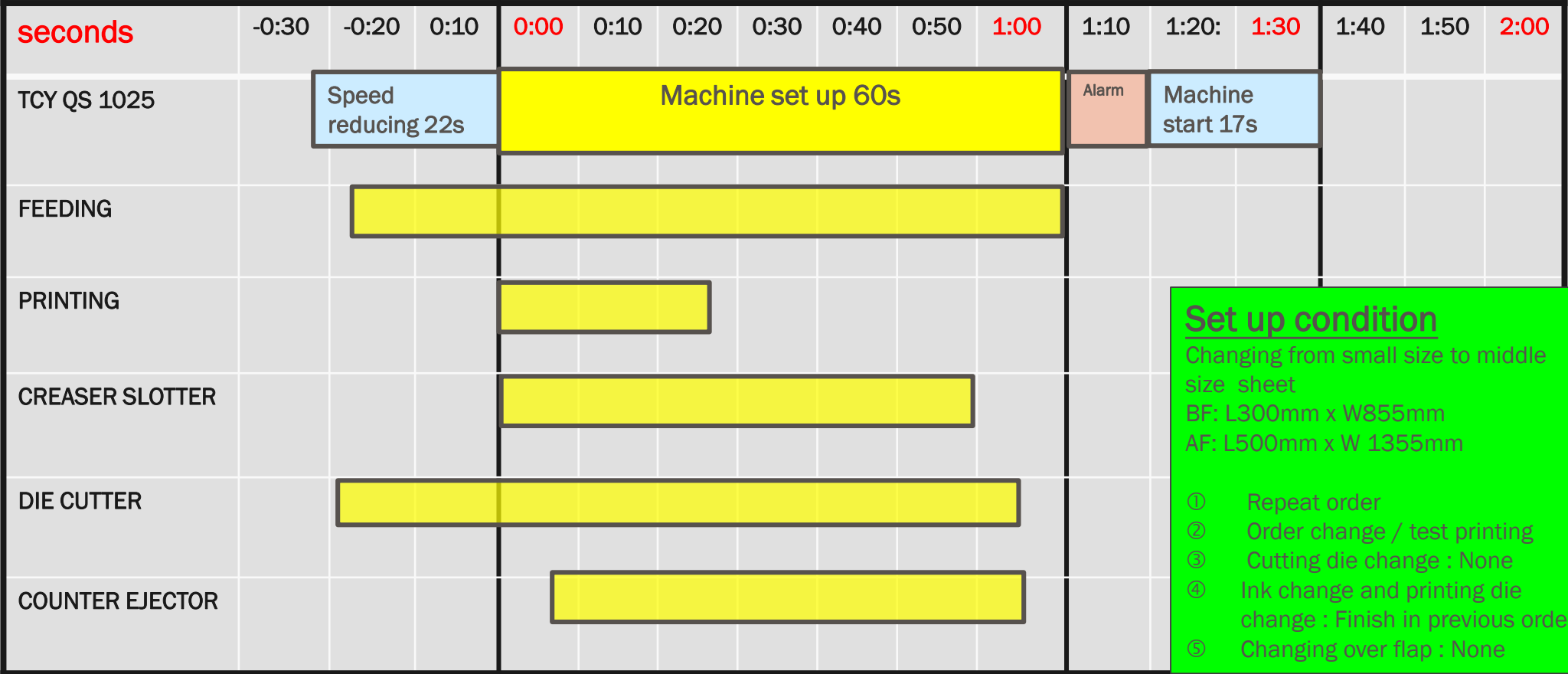
QS-1227 Production

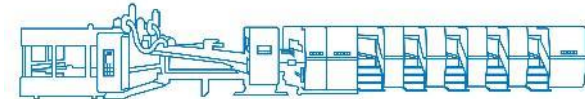
Last sheet

Machine stop

Machine running

Test print





Setup 2min

Operator 2persons

Output 15600sheet/hour

QS-1227

AVAILABLE FOR THE OTHER MACHINE SIZE : WWW.TCY.COM

High Speed Flexo Folder Gluer

Machine Size : 1200mm x 2750mm

Speed : MAX 260 Sheet/per minute

Control : Full Servo Motor Drive

Operation : Nonstop Order Change

Precision : Printing Tolerance 0.7mm

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 centered behind the company logo and name.

TCY

TCY MACHINERY MFG. CO., LTD.