

# DCM CONCEPT SLITTER REWINDERS

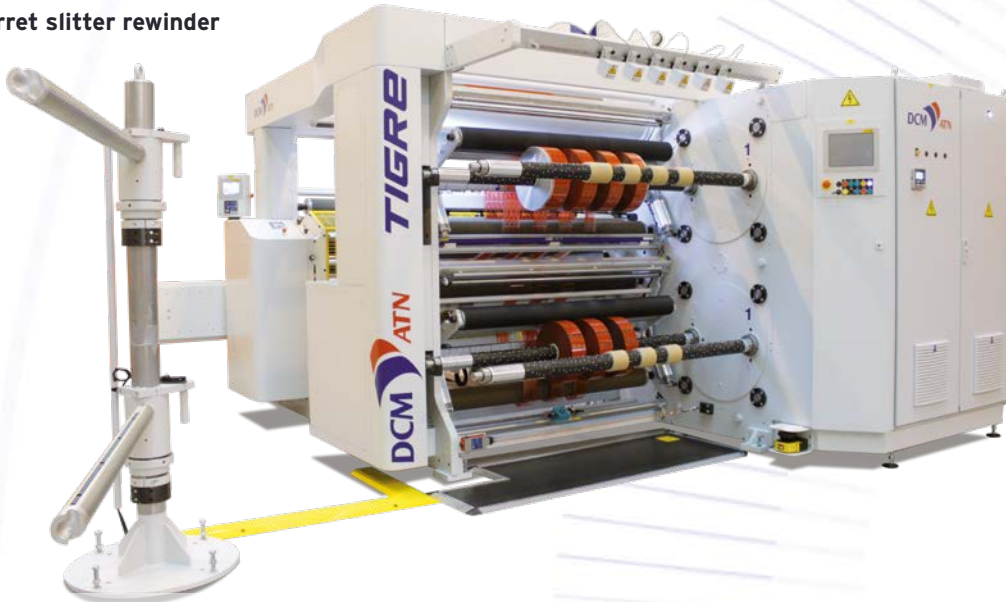


printing & converting innovations



# slitter rewinders

**Tigre**  
Duplex turret slitter rewriter



The **TIGRE** is a high productivity double turret slitter rewriter. Downtime between **two cycles is less than 30 seconds**. The finished rolls are unloaded while the machine is in operation.

The modular construction enables to adapt the machine to the needs:

- Shafted or shaftless unwinders
- Razor or shear slitting
- Differential or lock core rewinding
- Manual or automatic unloading for light or heavy rolls with transfer to the packing process
- Ready for BRC compliance
- 20% energy saving

## MAIN SPECIFICATIONS

- Automatic turret rewriter
- Web width: 800 till 1800 mm
- Unwind diameter: 1000 - 1300 - 1500 - 1800 mm
- Rewind diameter: 2 x 610 mm or 2 x 800 mm
- Production speed: 600 - 800 m/min

## SUBSTRATE

- PET, OPP, BOPP from 10  $\mu$ m, PE from 25  $\mu$ m
- Paper from 20 gsm, board
- Aluminium foil from 7  $\mu$ m
- Laminates
- Non-woven from 18 gsm

## APPLICATIONS

- Flexible packaging
- Wrap around labels
- Tobacco packaging
- Electronic industry



## Touch screen Digital Pilot control :

- Settings of operating parameters
- Storage of job's data
- Dynamic fault tracing



**RBX2**  
Adapted solutions  
for easy unloading

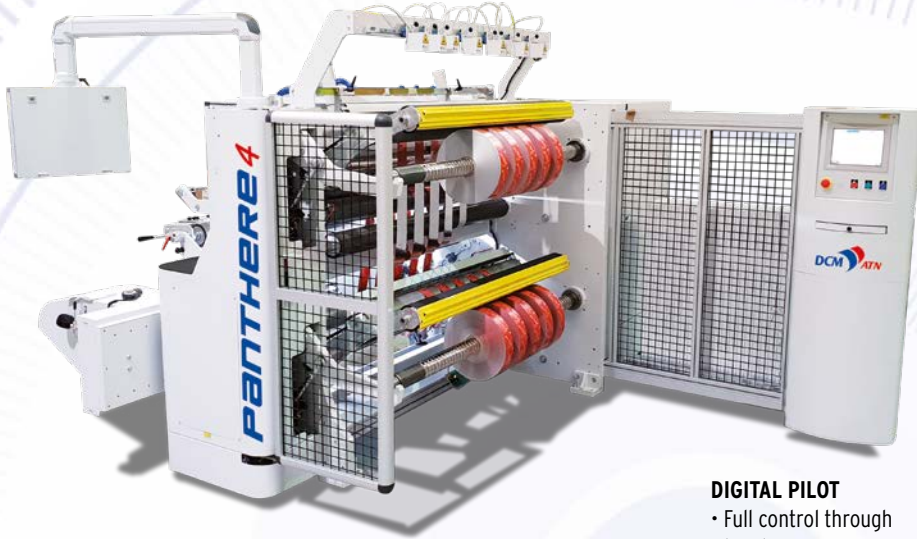
## EQUIPMENT & OPTIONS

- Auto Slit Positioning
- Various unloading systems and robots adapted to the final product (palletization)
- Roll push out





**Panthere 4**  
Center rewinder - Versatility and high performances



The **PANTHERE 4** is a worldwide well-known multipurpose slitter rewriter:

- Easy setting
- Friendly use HMI
- High capacity
- Accurate tension control
- Low maintenance

As the TIGRE, the PANTHERE 4 offers modular construction. More than 600 Panthere installed worldwide.

**MAIN SPECIFICATIONS**

- Web width: .....800 till 1600 mm
- Unwind diameter: .. 1000 - 1300 - 1500 - 1800 mm
- Minimum slit width: .....20 mm
- Rewind diameter: ...2 x 800 mm or 2 x 1000 mm
- Production speed: .....600 - 800 m/min

**DIGITAL PILOT**

- Full control through touch screen
- High performance electronic drives

**SUBSTRATE**

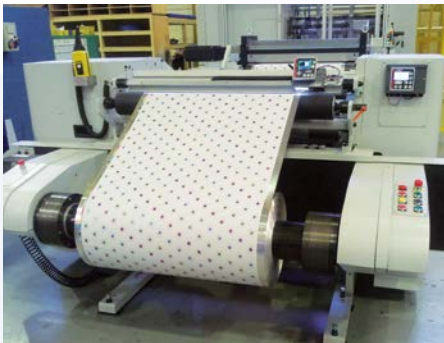
- PET, OPP, BOPP from 10  $\mu$ m
- PE from 25  $\mu$ m
- Paper from 20 gsm
- Aluminum foil from 7 $\mu$ m
- Laminates
- Non-woven from 18 gsm
- Board

**APPLICATIONS**

- Flexible packaging
- Wrap around labels
- Tobacco packaging
- Electronic industry

**RBX5**

Solutions for easy unloading of heavy rolls



**Full range of unwind stands**

- Shafted or Shaftless
- Integrated or Separated
- Electromagnetic brake or motor brake
- Automatic edge guide aligner
- Electric reel floor pick-up



**Slitting**

- Shear with individual knife holders
- Razor blade
- Wrapped, tangential or in air slitting methods
- Auto Slit Positioning



**Rewinding**

- Electronic web tension control
- Air expanding shafts
- Differential ball type Friction shafts
- Individual lay-on rolls
- Laser core positioning

**EQUIPMENT & OPTIONS**

- Auto Slit Positioning
- Various unloading systems and robots adapted to the final product (palletization)
- Automatic knife positioning
- Roll push out



**Serval**  
Compact narrow slitter rewinder

The **SERVAL** is a compact cantilevered slitter rewinder for narrow web converters. Three electronically linked AC motors are driving the machine. It is built with an easy access to all machine sections.

**MAIN SPECIFICATIONS**

- Cantilever type design
- Web width: ..... 680 and 820 mm
- Unwind diameter: ..... 800 mm
- Minimum slit width: ..... 20 mm
- Rewind diameter: ..... 2 x 610 mm
- Production speed: ..... 500 m/min

**SUBSTRATE**

- PET, OPP, BOPP from 10 µm
- PE from 25 µm
- Paper from 20 gsm
- Aluminium foil from 7 µm
- Laminates
- Non-woven from 18 gsm

**APPLICATIONS**

- Flexible packaging
- Wrap around labels
- Electronic industry

**Unwinder**

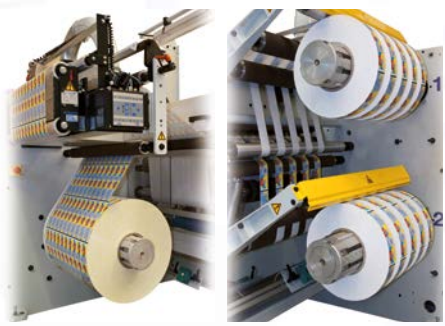
- Integrated cantilevered
- Electromagnetic brake
- Automatic edge guide aligner

**Slitting**

- Shear knives
- Razors

**Rewinding**

- Electronic web tension control
- Air shafts / differential shafts
- Individual or full width lay-on rolls
- Core positioning with laser



**EQUIPMENT & OPTIONS**

- 10 mm minimum slit width
- slitting of aluminum foil plain or coated from 7µ
- Serval Vision, extended capacities of the Serval, with inline 100% inspection or use of the machine as reversible inspection and doctoring machine

**Baghera**  
Compact Slitter Rewinder

The Essential in Compact Version:  
Fast installation - User-friendly - Low maintenance -  
Low Energy consumption - Flexibility

**MAIN SPECIFICATIONS**

- Web width min - max: ..... 500 mm - 1450 mm
- Maximum total width of the slit rolls: ..... 1400 mm
- Mother roll max diameter: ..... 800 mm
- Mother roll max weight: ..... 800 kg
- Unwind max web tension: ..... 400 N
- Slit roll max diameter: ..... 610 mm
- Max weight per rewind shaft: ..... 250 kg
- Max web tension per shaft: ..... 250 N
- Production speed: ..... 500 m/min

**SUBSTRATE**

- Aluminum ..... from 20 µm
- PET ..... from 12 µm
- PVC ..... from 20 µm
- OPP ..... from 17 µm
- PE ..... from 50 µm
- Paper ..... from 30 µm
- Laminated films / paper / alu

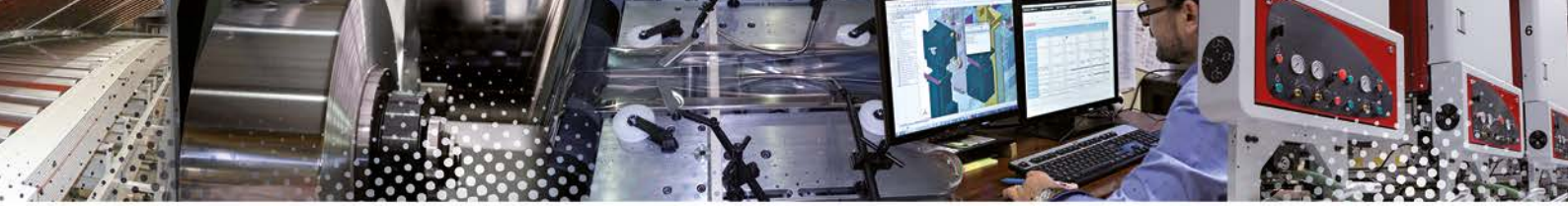
**CONSTRUCTION**

- Integrated shaftless unwind
- Automatic web guide
- Razor slitting
- Differential rewind shafts
- Single rotation unloading beam RBX1
- Friendly intuitive HMI
- Machine driven by two synchronous motors



**EQUIPMENT & OPTIONS**

- 1000 mm unwind diameter (39.37")
- Mechanical chucks: 70 / 76 / 152 mm (2.8" / 3" / 6")
- Shear slitting with individual knife holders
- Integrated edge trim exhauster



**Leopard LMA**  
Center rewinding, automatic single turret slitter rewriter



The **LEOPARD LMA** is a high productivity single turret slitter rewriter. The machine cycle is automatic with less than 30 seconds downtime. Various unloading systems are available depending on finished rolls. It is highly recommended for even thickness substrates.

**MAIN SPECIFICATIONS**

- Web width: ..... 800 till 1600 mm
- Unwind diameter: .. 1000 - 1300 - 1500 - 1800 mm
- Minimum slit width: ..... 50 - 100 mm
- Rewind diameter: ..... 700 - 1000 mm
- Production speed: ..... 600 m/min

**SUBSTRATE**

- OPP, BOPP, PET from 10  $\mu$ m
- Paper from 20 gsm
- Aluminium foil from 7  $\mu$ m
- Laminates
- Non-woven from 18 gsm
- Etc...

**APPLICATIONS**

- High range of applications and materials



**EQUIPMENT & OPTIONS**

- Auto Slit Positioning
- Shear or razor slitting
- Various unloading systems adapted to the final product (beam or trolleys)

**Puma**  
Surface slitter rewriter

**Compact and productive**, the perfect secondary surface slitter rewriter for paper, board, non-woven and tissue paper.

**MAIN SPECIFICATIONS**

- Web width: 800 till 1800 mm
- Unwind diameter: 1000 - 1300 - 1500 - 1800 mm
- Minimum slit width: 50 mm depending on the product
- Rewind diameter: 1300 mm
- Production speed: 600 m/min

**SUBSTRATE**

- Paper
- Board
- Non-woven
- Tissue paper

**APPLICATIONS**

- Bags
- Cores
- Edge board
- Printing
- Wrapping



**EQUIPMENT & OPTIONS**

- Shafted or shaftless unwinds
- Web guide
- Individual knives
- Edge trim exhauster



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