

# Cutting Machines

For manual and automatic cutting processes



## Hydraulic Swing Arm Cutting Machine



1008

### Your Benefits

- Quick, automatic tool height adjustment
- Precise low point setting by micro switch
- Compact micro controller
- Simple operation (all operator controls on the front side of swing arm)
- Two hand operation

### Optional Equipment

- Enlarged table
- Cutting block
- Side stop for swing arm
- Swing arm clamping device
- Roll holding frame

## Hydraulic Swing Arm Cutting Machine



1028 C

### Your Benefits

- Semi-automatic die adjustment
- Simple operation (all operator controls on front side of swing arm)
- Two hand operation

## Hydraulic Cutting Machine with sliding table



5040 C

### Your Benefits

- Solid welded steel construction
- Two synchronous hydraulic cylinders
- Integral space saving hydraulic unit
- Side-mounted operator controls
- Manually operated sliding table for transport of material to and from cutting area
- Plastic cutting board
- Two hand operation

## Electro-hydraulic Upstroke Cutting Machine



5230

### Your Benefits

- Design in solid steel plate construction with high rigidity for minimal deflection
- Easily serviceable hydraulic unit in single block construction
- Ideal for cutting against steel
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Fixed die holder
- Adjustable embossing time
- Automatic sliding table
- Manual and automatic low point stops
- Heating plates
- Steel cutting board

## Hydraulic Upstroke Cutting Machine with receding beam



### Your Benefits

- Solid welded steel construction
- Safety light barrier
- Cutting process commencement by one cycle, two cycle, or via large hand button
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops.
- Automatic die height adjustment
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Increased daylight
- Central manual die clamping device
- Fixed or adjustable die holder
- Automatic cutting board shifting device
- Automatic beam-mounted cutting board shifting device
- Separate foot-activated cutting operation
- Cutting area illumination
- Die recipe storage

5300

## Hydraulic Upstroke Cutting Machine with receding beam



### Your Benefits

- Automatic low point stops located in the machine frame to minimise space requirement
- Exact parallelity at low point
- Automatic die height adjustment
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Central manual die clamping device
- Fixed or adjustable die holder
- Automatic cutting board shifting device
- Separate foot-activated cutting operation
- Cutting area illumination
- Die recipe storage

5320

## Upper Beam Press with automatic dual position sliding table



### Your Benefits

- Solid welded steel construction
- Highly synchronised characteristics
- Very maintenance friendly
- Maintenance-free bearing bushes made from specially coated "Mainmetall"
- Automatic dual position sliding table
- Two hand operation
- Siemens PLC

### Optional Equipment

- Central manual die clamping device
- Fixed or adjustable die holder
- Automatic cutting board shifting device

6010

## Hydraulic Cutting Machine with receding beam



### Your Benefits

- Solid welded steel construction
- Mechanical synchronisation to achieve parallelity
- Maintenance free bearing bushes
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Automatic die height adjustment
- Safety light barrier on operator side
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Central pneumatic tensioning device
- Central manual die clamping device
- Fixed or adjustable die holder
- Automatic cutting board shifting device
- Cutting area illumination

6005 B

## Hydraulic Large Area Cutting Machine



6005 S

### Your Benefits

- Solid welded steel construction
- Mechanical synchronisation to achieve parallelity
- Maintenance free bearing bushes
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Automatic die height adjustment
- Safety light barrier on operator side
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Central pneumatic tensioning device
- Central manual die clamping device
- Fixed die holder
- Automatic transport systems

## Hydraulic Large Area Cutting Machine



5050

### Your Benefits

- Mechanical synchronisation for parallelity during cutting
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Column guides with automatic central lubrication
- Easily serviceable hydraulic unit in single block construction
- Automatic die height adjustment
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Increased daylight
- Central pneumatic tensioning device
- Fixed or adjustable die holder
- Die changing rails
- Automatic cutting board shifting device
- Oil-air cooling
- Control cabinet cooling
- Separate multilingual operator control panel
- Automatic transport systems

## Hydraulic Large Area Cutting Machine with receding beam



6050

### Your Benefits

- Mechanical synchronisation for parallelity during cutting
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Column guides with automatic central lubrication
- Easily serviceable hydraulic unit in single block construction
- Automatic die height adjustment
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Central pneumatic tensioning device
- Central manual die clamping device
- Fixed or adjustable die holder
- Automatic cutting board shifting device
- Cutting area illumination

## Hydraulic Large Area Cutting Machine



6310 A

### Your Benefits

- Suitable for high pressure cutting (up to 4000kN)
- Mechanical synchronisation for parallelity during cutting
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Column guides with automatic central lubrication
- Easily serviceable hydraulic unit in single block construction
- Automatic die height adjustment
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Increased daylight
- Central pneumatic tensioning device
- Fixed or adjustable die holder
- Die changing rails
- Automatic cutting board shifting device
- Oil-air cooling
- Switch cabinet cooling
- Separate multilingual operator control panel
- Automatic transport systems

## Electro-hydraulic Upper Piston Press



### Your Benefits

- Adjustable low point stops for precise setting of the low point
- Open side construction for quick tooling changes and minimal set up times
- Quick-fill post-suction hydraulic unit in maintenance friendly monoblock construction
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Additional motorised low point adjustment
- Die changing rails
- Waste receptacle within the cutting head
- Automatic cutting board shifting device
- Control via industrial PC
- Separate and / or multi-lingual operator panel
- Automatic transport systems

2070

## Electro-hydraulic Cross Head Cutting Press



### Your Benefits

- Cross head drive via low maintenance toothed belts with position control for high accuracy, quiet operation and low wear
- Adjustable low point stops for precise setting of the low point
- Open side construction for quick tooling changes and minimal set up times
- Quick-fill post suction hydraulic unit in maintenance friendly monoblock construction
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Linear motion drive for high speeds and maximum positional accuracy
- Additional motorised low point adjustment
- Rotary drive
- Hydraulic and pneumatic product ejection
- Waste receptacle within the cutting head
- Automatic cutting board shifting device
- Control via industrial PC
- CAD-Nesting system with digitising tablet
- Separate and / or multi-lingual operator panel
- Automatic die changing system

2071 BZ

## Electro-hydraulic Cross Head Cutting Press



### Your Benefits

- Cross head drive, drives via low maintenance drive belts with position control for high accuracy, quiet operation and low wear
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Adjustable low point stops for precise setting of the low point
- Rotary drive
- Dust protection unit for abrasive materials
- Automatic cutting board shifting device
- Operating table
- Automatic transport systems

7072 MA

## Electro-hydraulic Cross Head Cutting Press



### Your Benefits

- Welded steel construction with electrically driven cross head
- Control via micro control unit
- Space saving integral hydraulics

### Optional Equipment

- Foot-operated nip-roller advance with manual positioning

7072 C

## Electro-mechanical Roller Cutting Machine



### Your Benefits

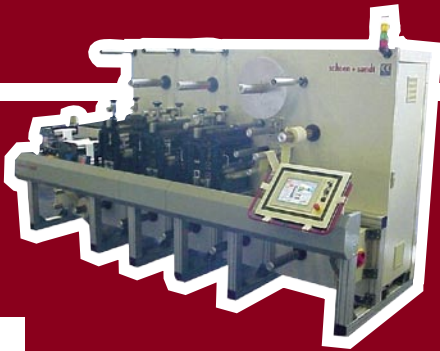
- Separate synchronised cutting roller drive
- Smooth start and stop and operation using frequency controlled drives
- Separate knife height adjustment for each table
- Energy saving vacuum generation
- Monitoring of the sandwich height by point light gates
- Extendable modular design
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Additional hold down rollers and infeed plates
- Additional vacuum pump
- Machine data management
- Die storage rack

7320

## Rotary Cutting Press



### Your Benefits

- Modular construction, extendable
- Web tension control
- Independently driven and controlled unwind and rewind units
- Edge control with integrated cutting table
- Recipe storage for cutting programmes
- Siemens S7 PLC with text error messages and image-guided directions, and modem for remote maintenance

### Optional Equipment

- Laminating station
- Driven support rollers for de-lamination waste
- Product and or waste rewind tension measuring device
- Solenoid clutch for power control from drive to roll
- Hydra Jacks
- Mechanical felt clutch for power control from drive to roll
- Double cutting tool
- Additional deflection rollers

7400

## Electro-mechanical High Speed Cutter



### Your Benefits

- Exact parallelity
- Suitable for kiss-cutting
- Speed up to 200 strokes per minute
- New, modern drive and control concept
- Separate adjustable nip rollers

### Optional Equipment

- Speed regulation
- Register mark recognition
- Waste / product ejection system
- Unwind and rewind units
- Infeed and outfeed tables with product guides
- PLC with touch panel and text error messages, and modem for remote maintenance

7500

## Electro-mechanical High Speed Cutter



### Your Benefits

- Solid welded steel construction
- Exact parallelity
- Suitable for kiss-cutting
- High speed (strokes per minute)
- High cutting pressure due to clutch-brake system
- Siemens S7 PLC with text error messages, and modem for remote maintenance

### Optional Equipment

- Register mark recognition
- Waste / product ejection system
- Unwind and rewind units
- Automatic transport systems

3501

## Hydraulic Cross Head Cutting Press for the paper industry



### Your Benefits

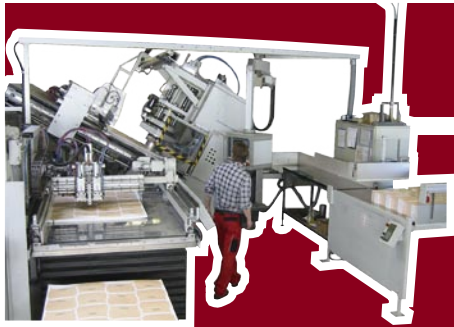
- Three coordinate control for automatic and semi-automatic operation
- Specially suited for medium batch sizes
- Rotary drive
- Pneumatic hold down brackets
- Automatic sliding table with paper grippers
- Quick-fill post suction hydraulic unit in maintenance friendly monoblock construction
- Automatic cutting board shifting device
- Industrial PC control with modem for remote maintenance

### Optional Equipment

- Die fixing with electro-permanent magnetic plates
- Automatic die lubrication
- Automatic sliding unit for material infeed and outfeed
- Pneumatic stop for paper stack
- Smoothing device
- Pneumatic lift-out table

2071 A

## Hydraulic Angled Cutting Press for the paper industry



### Your Benefits

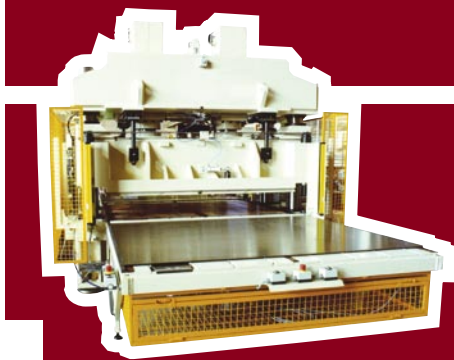
- Cutting table tiltable up to 30 degrees
- Three coordinate control for automatic and semi-automatic operation
- Specially suited for large batch sizes
- Rotary drive
- Pneumatic hold down brackets
- Automatic sliding table with paper grippers
- Quick-fill post suction hydraulic unit in maintenance friendly monoblock construction
- Industrial PC control with modem for remote maintenance

### Optional Equipment

- Die fixing with electro-permanent magnetic plates
- Automatic knife lubrication
- Destacker unit
- Automatic sliding unit for material infeed and outfeed
- Robot with grippers for removal of cut product
- Pneumatic stop for paper stack
- Smoothing device
- Pneumatic lift-out table
- Stacking unit

7100

## Electro-hydraulic Upper Piston Press



### Your Benefits

- Solid welded steel construction
- Suitable for high pressures (up to 4000kN)
- Monitoring of exact low point positioning via 4 electrical signals. Automatic, motorised, adjustable low point stops
- Automatic die height adjustment
- Low maintenance column guides
- Customer specified dimensions
- Siemens S7 PLC with text error messages and image-guided directions, and modem for remote maintenance

### Optional Equipment

- Central pneumatic tensioning device
- Die changing rails
- Automatic die plate shifting device
- Oil-air cooling
- Control cabinet cooling
- Separate and / or multi-lingual operator panel
- Automatic transport systems
- Fixed or adjustable die holder

6140

## High Speed Cutter



### Your Benefits

- Customer specified dimensions
- Suitable for cutting against steel
- High speed
- New, modern PLC concept

### Optional Equipment

- Register mark recognition
- Waste / product ejection system
- Unwind and rewind units
- Infeed and outfeed tables with product guides
- PLC with touch panel and text error messages, and modem for remote maintenance

5900

## Further options

In addition to the model specific options our machines can be equipped with the following devices:

### Automatic Transport Systems

- Sliding table
- Clamping beam feeder
- Cutting belt with or without clamping beam
- Cardboard cutting belt unit
- Suction belt unit
- Nip-roller unit (roller feeder)

### Unwind Stands and Roller Cradles

- Unwind stand with belt brake
- Unwind stand with pneumatic brake
- Unwind stand with safety chucks
- Moveable Unwind stand
- Multiple roll unwind stand
- Roll cradle without drive
- Roll cradle with drive
- Roll cradle with edge guiding
- Moveable roll cradle

### Other Optional Equipment

- Roller conveyor
- Belt conveyor
- Pick up system for end product
- Pick-up system with or without lifting table for placement of sheets

**In addition to our standard machines and automatic transport systems we offer special solutions and automation for extremely diverse applications in various industries.**

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