Cutting Machines
For manual and automatic cutting processes
Hydraulic Swing Arm Cutting Machine

**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

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Hydraulic Swing Arm Cutting Machine

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

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Hydraulic Cutting Machine with sliding table

**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

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Electro-hydraulic Upstroke Cutting Machine

**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

Upper Beam Press with automatic dual position sliding table

**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**
- 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

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
Hydraulic Large Area Cutting Machine

**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

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Hydraulic Large Area Cutting Machine

**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

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Hydraulic Large Area Cutting Machine with receding beam

**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

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Hydraulic Large Area Cutting Machine

**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

**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

**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
- 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

**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
- 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
**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

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**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 Jacts
- Mechanical felt clutch for power control from drive to roll
- Double cutting tool
- Additional deflection rollers

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**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

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**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
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

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

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

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
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 automatisation for extremely diverse applications in various industries.

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