Are you in the market for the specific machine or piece of equipment or have one or more redundant and would like to find the quickest and most efficient way to sell it out than please check out our portfolio of used and preowned machines and equipment here under or send us

your inquires to info@mm-tech.hr.

Should you be sending your inquires please include following details: machine/equipment type and designation, manufacturer name, year of production, machine counters if any, short machine condition description, machine completeness, spare parts package availability, immediate delivery or estimated time of delivery, target price and sale terms, possibility to inspect the machine before the purchase.

SEMI-AUTOMATIC LAMINATION MACHI

CONDITION: VERY GOOD
SPECIAL OFFER FOR QUICK SALE - 10.000 EURO ONLY!!! OFFER VALIDITY TILL END OF NOVEMBER 2023.

Semi automatic card lamination machine
Louda C-Port CL5

TECHNICAL DETAILS:
Model : CL5
Pressing area : 700 x 470 mm
Maximum laminating area : 530 x 390 mm
Number of opening : 5 openings
Number of sheets per opening : 10 sheets
Maximum number of cards : 36 cards/sheet (4 cards x 9 rows)
Number of sheets per cycle : 50 sheets
Max capacity : 5400 cards per hour
(15-30 minutes per cycle de-pended on material nature)
Heating press pressure : 30 metric tons
Cooling press pressure : 50 metric tons

Other features:
o Motor : 3HP x 6P x 1
o Maximum pressure : 160 kg/cm2
o Hydraulic cylinder stroke : 80 mm x 5 openings
o Maximum operation temperature : 200℃
o Heater : 3.76 Kw
o Power supply : 380 V / 50 Hz / 3 P
o Total ampere : 60 amp
o Height : 2005 mm
o Depth : 2205 mm
o Width : 2600 mm
o Net weight (approx.) : 3000 kg
o Hydraulic oil capacity : 142 liters

For details - Click Here Machine Promotional Brochure in PDF with actual machine photos

FULLY REFURBISHED & UPGRADED PUNCH MA

CONDITION: EXCELLENT

Machine has been completely overhauled and new servo axis and drive have been installed allowing higher machine throughput and reliability!

- New 7" Touch Screen HMI for easier and intuitive machine control and set up.
- Punch Head driven by High-Speed - High Torque Servo Motor, allowing higher cutting/punching speed for different material kind.
- Noiseless operation (no more noise caused by hydraulic drive!)
- Machines can be configured for any sheet layout: 3UP long edge feeding, 4UP and 5UP shord edge feeding!

Fully automatic card punching machine for punching standard ISO 7810-ID1 or CR80 cards

TECHNICAL DETAILS:
Automatic sheet feeding module
Stacking Unit with 2 inter-changeable magazines
Outboard Ball Screw Servo-Drive Gripper Unit
Punched Web Sheet Move-out Unit
Air Floating Table System
Automatic registration in X and Y axes by Optical Fiber Sensors with accuracy 0.05 mm
X-axis and Y-axis positioning of sheet with accuracy of 0.05 mm
Inboard Ball Screw Servo-Drive Gripper Unit
High Speed Servo Driven Punching Head

Other features:
o 3 cards per row layout
o Up to 18.000 (due by 3x10 format) cards per hour
o LF - Long Edge Feeding sheet orientation
o Maximum Sheet Size: 330 x 650 mm
o Maximum Sheet Format: 3 x 5~10cards
o Sheet Thickness: 0.30 ~ 1.00 mm
o Card Dimensions: According to ISO 7810 standard
o Supply: 230/400 VAC, 5.5 kVA, 3 phases, 1 neutral, 1 ground, 50/60Hz

See machine video on our YouTube channel. [Click here.](#)

Pricing upon request. Send an email to info@mm-tech.hr to get your quote!

PRE-OWNED MUEHLBAUER CHIP MILLING

CONDITION: VERY GOOD!

The fully automatic milling machine SCM5040 is used to mill cavities into the card body of cards according to ID1 format.

Fully automatic Chip Milling Machine
MUEHLBAUER SCM5040/4 DI

TECHNICAL DETAILS:
- o 2003 model
- o Magazine in-feeder and out-feeder for 6 loaded magazines
- o Two input measurement and card position check
- o Two milling stations
- o Two cleaning stations
- o Two output measuring stations to verify cavity depth,
  measuring precision +/-2 microns
- o Two reject and two sample stations (capacity 50 cards)
- o Milling precision +/- 15 microns
- o 3 programmable axis, x/y axis of head1 and head2 linked together,
  z axis of both heads independent
- o ATS antenna tuning station for dual interface card production

Other features:
- o Compressed air supply: 6 bars, oil and watter free, consumption 150 l/min
- o Electric supply: 400 VAC, 6 kVA, 3 phases, 1 neutral, 1 ground, 50/60 Hz

Pricing upon request. Send an email to info@mm-tech.hr to get your quote!

PRE-OWNED LOUDA CARD INSPECTION

CONDITION: VERY GOOD!

The fully automaticCard Inspection Machine KIS2+ is used to inspect simultaneously both ISO 7810 card sides at throughput rate

of up to 18000 cards/hour (depending on intensity of inspection).

Fully automatic Card Inspection Machine
LOUDA KIS2+

TECHNICAL DETAILS:
o Bots card sides inspection
o Automatic In-Feed and Out-Feed stations
o Throughput maximum 18000 cards/hour
o Magazine capacity up to 500 cards per magazine at 0.8mm card gauge
o Card format: ISO 7810
o Pixel resolution: 0.10 - 0.15 mm side length
o Two B/W cameras for surface inpection (scratches, lamination deffects...)
o Two colour cameras for full features inspections (text, colour defects, graphics...)

Other features:
o Compressed air supply: 6 bars, oil and watter free, consumption 420 l/min
o Electric supply: 230/400 VAC, 7 kVA, 3 phases, 1 neutral, 1 ground, 50/60 Hz

Pricing upon request Send an email to info@mm-tech.hr to get your quote!

SPOT WELDING TABLE, mode

CONDITION: NEW! Machine for the collection of the sheet layers and spot welding before

SPOT WELDING TABLE, model TT2
for semi-automatic collection and assembly of sheet layers

TECHNICAL DETAILS:
Two welding stations as standard (3rd and 4th optional)
PLC controlled
HMI operating panel

Temperature adjustment range: 0-250 °C for each welding head separately
fot best welding results through HMI
Welding time adjustable through HMI
Welding pressure adjustable by air regulator (2-6 bar, depending on material)
Welding spot size: Ø 7mm or □7mm as standard (other sizes upon request)

Other features:
o Table Size: 750mm x 750mm
o Sheet size: 650mm x 650mm
o Sheet thickness: max. 1.2mm (depending on material)
o Adjustable table working height and inclination
o Electric supply: 230 VAC, 0.5 kVA, 1 phases, 1 neutral, 1 ground, 50/60Hz
o Air supply: 8 bar, consumption 100l/min

Pricing upon request ☐ Send an email to **info@mm-tech.hr** to get your quote!

SPOT WELDING & HOLE PUNCHING TABI

SPOT WELDING & HOLE PUNCHING TABLE, model TTHP2
for semi-automatic collection and assembly of sheet layers, precize holes
punching for precision positioning of assemblies on lamination plates

TECHNICAL DETAILS:
Two welding stations
Two hole punching stations
PLC controlled
HMI operating panel

Temperature adjustment range: 0-250 °C for each welding head separately
fot best welding results through HMI
Welding time adjustable through HMI
Welding pressure adjustable by pressure regulator (2-6 bar, depending on material)

Welding spot size: Ø 7mm or ⊐7mm as standard (other sizes upon request)
Hole punching force adjustable by pressure regulator
Hole size: any size Ø3 mm - Ø8 mm (in steps of 1/10 mm)
Other features:
o Table Size: 750mm x 750mm
o Sheet size: 650mm x 650mm
o Sheet thickness: max. 1.2mm (depending on material)
o Adjustable table working height and inclination
o Electric supply: 230 VAC, 0.5 kVA, 1 phases, 1 neutral, 1 ground, 50/60Hz
o Air supply: 8 bar, consumption 100l/min

Pricing upon request. Send an email to info@mm-tech.hr to get your quote!

SPOT WELDING TABLE for TRANSPARENT LA

CONDITION: NEW!

Semi automatic machine for the collection of the sheet layers and spot welding before lamination!

Equipped with transparent compartments with LED lighting, suitable for an assembly of transparent layers!!!

SPOT WELDING TABLE, model TT3TR
for semi-automatic collection and assembly of sheet layers
suitable for transparent layers assemblies

TECHNICAL DETAILS:
Backlight LED
Vaccum table for firm layers fixation
Two welding stations as standard (3rd and 4th optional)
PLC controlled
HMI operating panel

Temperature adjustment range: 0-250 °C for each welding head separately
fot best welding results through HMI
Welding time adjustable through HMI
Welding pressure adjustable by air regulator (2-6 bar, depending on material)
Welding spot size: Ø 7mm or ⊓7mm as standard (other sizes upon request)

Other features:
o Table Size: 750mm x 750mm
o Sheet size: 650mm x 650mm
o Sheet thickness: max. 1.2mm (depending on material)
o Adjustable table working height and inclination
o Electric supply: 230 VAC, 0.5 kVA, 1 phases, 1 neutral, 1 ground, 50/60Hz
o Air supply: 8 bar, consumption 100l/min

Pricing upon request. Send an email to info@mm-tech.hr to get your quote!