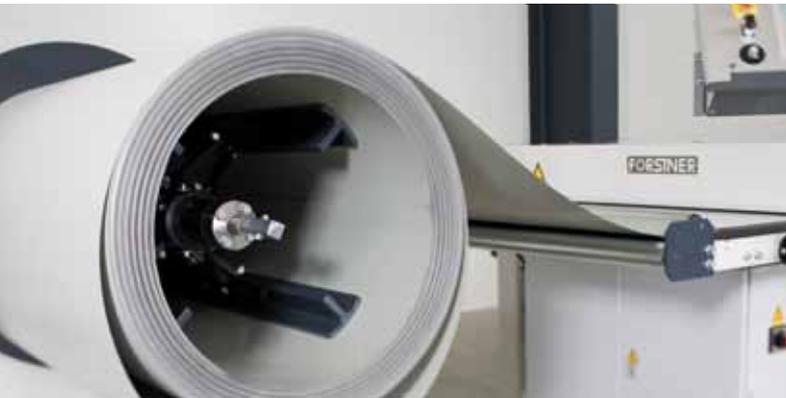


# Coil Processing in perfection



## Forstner coil processing lines ensure lasting value.

Forstner has been developing and manufacturing machines for professional processing of coils since 1960. From the very beginning, ease of handling coils and long-term return in the investment of our systems has been the prime objectives of all development work. The results are perfected, field-proven products in reliable designs ensuring an extended operating life.



Since the mid-eighties, Renato Romagna has been managing Forstner. This high quality company, already well established when Mr. Romagna took over, has since then markedly increased its activities. Additional know-how in the area of mechanical engineering and years of experience particularly in sheet metal processing enterprises in the construction trade and industry have given the company and its products new impetus.

Today, Forstner machines are found on all continents. A dense network of independent representatives ensure the customer optimum support both throughout Europe, North America and in many other locations around the world.

Professional assembly, prompt service and careful maintenance are performances our customer can expect at any time.

*Renato R.*

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# Straightening and cut to length line RM-AL



metal roofer, ventilation and insulation

TABLE TI: manually adjustable coil guidance with roller bearings

STRAIGHTENER RM-3: manually adjustable straightener with 3 shafts Ø70mm

SHEAR AL: electric cut to length slitter with steel blades

CONTROL SPS-M2 POTI: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, electrically adjustable upper straightening shaft, hard chromium plated shafts, guillotine, special blades for stainless steel



coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,00mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 1,50x2,20x1,50m
machine weight:	approx. 500kg

# Slitting and cut to length line MST-AL



metal roofer, hall and facades construction

TABLE TI: manually adjustable coil guidance with roller bearings

SLITTER MST: slitting shafts  $\varnothing 100\text{mm}$ , 5 pairs of steel blades, manual shaft activation

SHEAR AL: electric cut to length slitter with steel blades

CONTROL SPS-M2 POTI: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, powered shaft activation, stripping rings, guillotine, special blades for stainless steel



coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,00mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 1,50x2,20x1,50m
machine weight:	approx. 775kg



# Slitting and cut to length line MST-TS



metal roofer, hall and facades construction

TABLE TI: manually adjustable coil guidance with roller bearings

SLITTER MST: slitting shafts  $\varnothing 100\text{mm}$ , 5 pair of steel blades, manual shaft activation

GUILLOTINE TS: electric guillotine with steel blades

CONTROL SPS-M2 POTI: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, powered shaft activation, stripping rings, shear, special blades for stainless steel



coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,00mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 1,90x1,90x1,60m
machine weight:	approx. 1400kg

# Straightening, slitting and cut to length line KA-TS



metal roofer, hall and facades construction

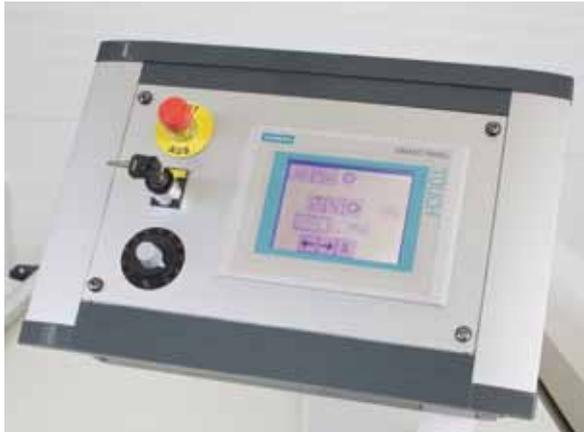
TABLE TI: manually adjustable coil guidance with roller bearings

COMPACT LINE KA-6: manually adjustable straightener with 6 shafts Ø70mm, slitting shafts Ø100mm, 5 pair of steel blades, manual shaft activation

GUILLOTINE TS: electric guillotine with steel blades

CONTROL SPS-M2 POTI: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, hard chromium plated shafts, powered shaft activation, stripping rings, shear, special blades for stainless steel



coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,50mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 2,40x2,00x1,60m
machine weight:	approx. 2040kg



# Straightening, slitting and cut to length line KA-KT-TSS



metal roofer, hall-, facades construction and industry

TABLE TI: manually adjustable coil guidance with roller bearings

STRAIGHTENER RM-6: manually adjustable straightener with 6 shafts Ø110mm

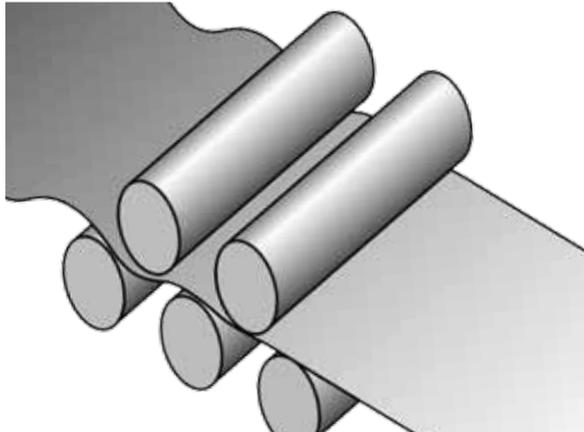
SLITTER MST: slitting shafts Ø140mm, 5 pair of stainless steel blades, powered shaft activation

FOLDING TABLE KT-m: for easier adjustment of the slitting blades

GUILLOTINE TSS: heavy electric guillotine with stainless steel blades

CONTROL SPS-F2: easy operation with ergonomic touch panel, speed control by frequency inverter, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, hard chromium plated shafts, electrically adjustable upper straightening shafts, stripping rings



coil weight:

max. 12000kg

coil width:

min. 400 up to max. 1500mm

coil thickness:

min. 0,40 max. 2,00mm mild steel 400N/mm<sup>2</sup>

feeding speed:

max. 25m/min. controlled by frequency inverter

materials:

steel, copper, zinc, aluminium, stainless steel etc.

coil change-over:

manually from the operator

machine dimensions:

LxWxH= approx. 3,70x2,35x1,65m

machine weight:

approx. 4030kg

# Recoiler AUG



## coil service centre and industry

**DANCER ARM WITH LOOP CONTROL:** a potentiometer controls the speed of the motor

**GUIDANCE:** 7 guidance discs for max. 5 stripes

**BREAK DEVICE:** pneumatically adjustable felt break

**GUIDANCE:** 7 guidance discs for max. 5 stripes

**RECOILER SHAFT:** with motor, bearing on one side with support, manual expansion and bottom device

**CONTROL SPS-L2:** hand operating device with 5m cable, speed control by frequency inverter, you can use the recoiler with any slitting line

**OPTIONS:** additional guidance discs for more stripes, hydr. expansion, hydr. arm, hydr. ejector plate, higher speed of 35m/min.



coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,00mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. controlled by frequency inverter
materials:	steel, copper, zinc, aluminium, etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 5,70x3,10x2,10m
machine weight:	approx. 3700kg



# Multiple decoiling line MA-4-BK-KA-TS



metal roofer, hall-, facades construction and industry

DECOILER AG b1m: with brake, bearing on one side, manual expansion, bottom and upper device

GUIDEWAYS BB: with deflection rollers

COIL HOLDER BK: 4 manually adjustable eccentric shafts to hold the sheet at the end of the sheet guideway manually

TABLE TI: manually adjustable coil guidance with roller bearings

COMPACT LINE KA-6: manually adjustable straightener with 6 shafts Ø70mm, slitting shafts Ø100mm, 5 pair of steel blades, manual shaft activation

GUILLOTINE TS: electric guillotine with steel blades

CONTROL SPS-M2 POT1: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs

OPTIONS: powered edge guide, plastic sheet dispenser, hard chromium plated shafts, powered shaft activation, stripping rings, shear, special blades for stainless steel

coil weight:	max. 4x2000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,50mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium, stainless steel etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 8,00x2,20x2,60m
machine weight:	approx. 4080kg



# Multiple decoiling line MA-6-SB-MST-AL



metal roofer, hall-, facades construction and industry

DECOILER AG b1m: with brake, bearing on one side, manual expansion, bottom and upper device  
DEFLECTION ROLLER STAND UB: with deflection rollers  
COIL SELECTOR SB-6: 6 pair of feeding shafts with manually adjustable eccentric shaft for holding, manual coil change-over  
TABLE TI: manually adjustable coil guidance with roller bearings  
SLITTER MST: slitting shafts Ø100mm, 5 pair of steel blades, manual shaft activation  
SHEAR AL: electric cut to length slitter with steel blades  
CONTROL SPS-M2 POT1: easy operation with ergonomic touch panel, variable speed adjustment with a potentiometer, single or multiple programs



OPTIONS: powered edge guide, plastic sheet dispenser, powered shaft activation, stripping rings, guillotine, special blades for stainless steel

coil weight:	max. 6x2000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,00mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. adjustable with potentiometer
materials:	steel, copper, zinc, aluminium, stainless steel etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 8,80x2,50x2,60m
machine weight:	approx. 3580kg

# Multiple decoiling line MA-3-MT-PSA-TS



metal roofer, hall-, facades construction and industry

DECOILER AG a1 huds: with motor, bearing on one side, hydraulic expansion, bottom device, hydraulic arm and loop control  
GUIDEWAYS BB a: with powered feeding shafts and deflection rollers  
COIL SELECTOR MT-3: 3 tables with manually adjustable coil guidance with roller bearings, automatic coil change-over  
STRAIGHTENER RM-6: automatically adjustable straightener with 6 shafts Ø110mm  
PROGRAMMABLE SLITTER PSA: automatic adjustment of 10 pair of stainless steel blades individually activated  
GUILLOTINE TS: electric guillotine with steel blades  
CONTROL SPS-F2: easy operation with ergonomic touch panel, remote control for decoilers and guideways, PC connecting link for data communication



OPTIONS: coil car, angular or partial cut to length, plastic sheet dispenser, centre-punch, notching, punching, etiquette printer, ink-jet printer, feeder, stacker

coil weight:	max. 3x3000kg
coil width:	min. 400 up to max. 1250mm
coil thickness:	min. 0,40 max. 1,50mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. controlled by frequency inverter
materials:	steel, copper, zinc, aluminium, stainless steel etc.
coil change-over:	automatically from the coil selector
machine dimensions:	LxWxH= approx. 15,00x3,00x2,80m
machine weight:	approx. 14000kg

# Duct line KS-1



## manufacturer of straight ventilation air ducts

DECOILER AG b2mf: with break, bearing on two sides, manual expansion and movable device

TABLE TI: manually adjustable coil guidance with roller bearings  
STRAIGHTENER RM-3: manually adjustable straightener with 3 shafts Ø70mm

PROFILING MACHINE PM z: 9 tools in a distance of 160mm, powered shaft activation

GUILLOTINE TS: hydraulic guillotine with stainless steel blades

FOLDER BM: hydraulic folder for 90°

CONTROL SPS-F2: easy operation with ergonomic touch panel, speed control by frequency inverter, single or multiple programs

OPTIONS: powered decoilers, coil selector, straightener with 6 shafts, slitter, punching, notching, PC connecting link for data communication, device for short ducts, L-shape

coil weight:	max. 5000kg
coil width:	min. 400 up to max. 1500mm
coil thickness:	min. 0,40 max. 1,25mm mild steel 400N/mm <sup>2</sup>
feeding speed:	max. 25m/min. controlled by frequency inverter
materials:	steel, stainless steel etc.
coil change-over:	manually from the operator
machine dimensions:	LxWxH= approx. 5,50x2,30x2,20m
machine weight:	approx. 3700kg





Tube lines for insulation, ventilation and chimney tubes



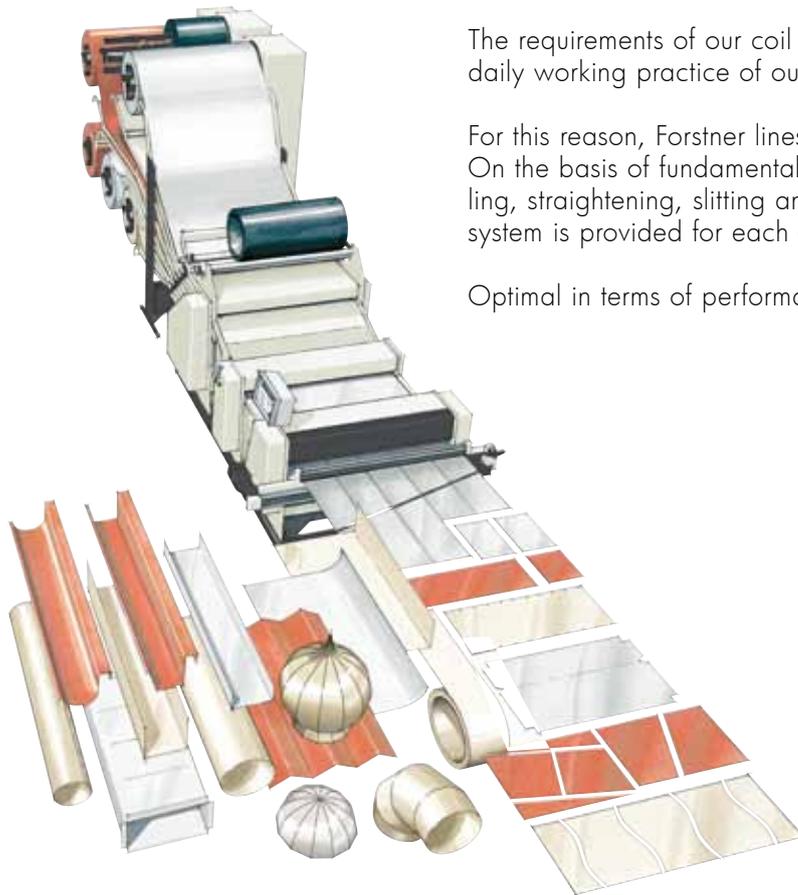
Duct lines for rectangular straight ventilation ducts



Slitting and cut to length lines - fire doors



Slitting and cut to length lines - metal roofs and facades



The requirements of our coil lines are just as varied as the daily working practice of our customers.

For this reason, Forstner lines are not available “off the shelf”. On the basis of fundamental modular components for decoiling, straightening, slitting and cut to length, an optimised system is provided for each and every customer.

Optimal in terms of performance. Optimal in terms of price.

# Forstner Coil Processing

multiple decoiling lines

cut to length lines

slitting and cut to length lines

straightening-, slitting and cut to length lines

conical and curved slitting lines

duct lines for rectangular straight ventilation ducts

tube lines for insulation, ventilation and chimney tubes

multiple decoiling lines with integrated rollformers

slitting and recoiling lines

special machines for metal coil processing

