

Resale Equipment

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<u>Reference</u>		<u>Description</u>	<u>Qty</u>
13	16909	<i>SAMP DIN 630 линия двойной скрутки, Модель BM/630-D</i>	1
17	18068	<i>PIONEER 2 x 600 mm Лентообмотчик стальной лентой, Модель NE-60/1U</i>	1
30	17476	<i>MAPRE мобильный горизонт. 38 мм экструдер 25D, Модель E.38-25.XN.TF</i>	1
30	17477	<i>MAPRE мобильный современный 60 мм экструдер 25 D, Модель E.60-25.XN.TF</i>	1
42	18055	<i>NIENOFF отдатчик с корзины, Модель AUD1100.2</i>	1
310	18064	<i>ДВЕ УСТАНОВКИ плющильный прокатный стан для полуфабриката</i>	1
310	18065	<i>ПЯТЬ УСТАНОВОК плющильный прокатный стан для конечного продукта</i>	1
310	18066	<i>ПЯТЬ УСТАНОВОК плющильный прокатный стан для конечного продукта</i>	1
310	18067	<i>АОМ ПЯТЬ УСТАНОВОК плющильный прокатный стан для конечного продукта</i>	1

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1 X SAMP DIN 630 Bunching Line, Model BM/630-D (our ref. 13- 16909)

High speed buncher for production of flexible bunches from multiwire bobbins.

Machine is complete and has worked in a very good standard company in Europe, involved in automotive and special cables.

This company is concentrating into Niehoff bunchers only, thus their decision to stop other brand names.

Delivery includes:

- * Lay-plate with die holder
- * Double twist buncher
- * Electrical panel with electronic drive

<i>Take-up dia.</i>	DIN 630
<i>OAW</i>	475 mm
<i>Loading system</i>	Electric platform
<i>Bobbin holding</i>	Manual pintles
<i>Twisting speed</i>	6000 tw/min
<i>Section</i>	Up to 6 mm²
<i>Capstan type</i>	Double wheel
<i>Lay-control</i>	Change gears
<i>Lay-length range</i>	5,96 - 62,98 mm
<i>Bobbin drive</i>	DC Motor
<i>Traversing</i>	Uhing system
<i>Bow</i>	Double
<i>Main motor</i>	24 kW DC motor
<i>Direction</i>	Left to right

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1 X PIONEER 2 x 600 mm Steel Taping Head, Model NE-60/1U (our ref. 17- 18068)

Strong taping head which was previously used in rewinding line for steel taping operation on large cables up to 100 mm diameter maximum.

Taping head is made to apply 2 tapes simultaneously in one operation.
Tension control on each tape is achieved by electromagnetic clutch combined with encoder for broken tape detector.

Machine is available with steel tape welder unit.

Electrical panel which was common for the complete line was sold and has now to be added new.

<i>Tape material</i>	<i>Steel</i>
<i>Pad dia.</i>	600 mm
<i>Max tape width</i>	80 mm
<i>Number of pads</i>	2, tangential
<i>Bore dia.</i>	100 mm
<i>Tape tension</i>	Electromagnetic brake
<i>Taping head drive</i>	15 kW DC
<i>Head max speed</i>	350 RPM
<i>Central passage dia.</i>	100 mm
<i>Year</i>	1995
<i>Electrical panel</i>	Not available

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1 X MAPRE Mobile-Horiz. 38 mm Extruder 25D, Model E.38-25.XN.TF (our ref. 30- 17476)

Compact horizontal design extruder, perfectly adapted for small insulation process or piggy-back operation.

Machine is equipped with high power motor for processing easily any plastic (once screw is adapted however).

The machine is designed so that barrel/screw/drive can be moved back/forth and swivel easily while body is fixed on floor. This enable the machine to operate with head always fixed meaning easy operation and high consistency of insulation concentricity as the screw change/dilatation take place without touching head and tools (FIXED HEAD DESIGN from MAPRE)

The feeding zone and screw profile design, added to an accurate temperature control system allow high consistency output and extrusion repeatability at any screw speed.

A high torque is delivered by the DC motor through a direct coupling to the gear reducer. This mounting, without any belt, meaning without any mechanical slip insures a high stability of the screw speed, a low noise level and reduces the maintenance operations.

The high rate barrel heaters, made of ceramic, insure a stable temperature (up to 250°C) in each zone of the cylinder. Copper ribs are mounted on the barrel heaters for improved cooling. Each zone is regulated by an electronic PIV controller.

Electrical panel will be made on order and is not included in price.

<i>Screw dia</i>	38 mm
<i>Screw L/D</i>	25
<i>Screw material</i>	Nitrited steel
<i>Plastic</i>	PVC/PE today
<i>Type of screw</i>	Barrier
<i>Motor Drive</i>	DC motor
<i>Transmission</i>	Direct (no belt)
<i>Heating</i>	Electrical
<i>Cooling</i>	Fans
<i>Head</i>	Fixed
<i>Screw-barrel-motor move 1</i>	Back-forth
<i>Screw-barrel-motor move 2</i>	Swivelling

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1 X MAPRE Mobile-Modern 60 mm Extruder 25 D, Model E.60-25.XN.TF (our ref. 30-17477)

Compact horizontal design extruder, perfectly adapted for small insulation process or piggy-back operation.

Machine is equipped with high power motor for processing easily any plastic (once screw is adapted however).

It can process LSH material as soon as new screw is delivered.

The machine is designed so that barrel/screw/drive can be moved back/forth and swivell easily while body is fixed on floor. This enable the machine to operate with head always fixed meaning easy operation and high consistency of insulation concentricity as the screw change/dilatation take place without touching head and tools (FIXED HEAD DESIGN from MAPRE)

The feeding zone and screw profile design, added to an accurate temperature control system allow high consistency output and extrusion repeatability at any screw speed.

A high torque is delivered by the DC motor through a direct coupling to the gear reducer. This mounting, without any belt, meaning without any mechanical slip insures a high stability of the screw speed, a low noise level and reduces the maintenance operations.

The high rate barrel heaters, made of ceramic, insure a stable temperature (up to 250°C) in each zone of the cylinder. Copper ribs are mounted on the barrel heaters for improved cooling.

Electrical panel will be made on order and is not included in price.

<i>Screw dia</i>	60 mm
<i>Screw L/D</i>	25
<i>Screw material</i>	Nitrited steel
<i>Plastic</i>	PE/PVC today
<i>Screw included in standard</i>	Barrier
<i>PVC output</i>	180 kg/hr
<i>Motor Drive</i>	DC motor
<i>Transmission</i>	Direct (no belt)
<i>Heating</i>	Electric
<i>Cooling</i>	Air
<i>Type of cooler</i>	Air + water for breech
<i>Dynisco pressure gauge</i>	Available
<i>Head</i>	Fixed

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Screw-barrel-motor move 1

Screw-barrel-motor move 2

Back-forth

Swivelling

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1 X NIEHOFF Pay Off for Basket, Model AUD1100.2 (our ref. 42- 18055)

Nice pay off designed for unwinding the wire from a barrel coil.
Pneumatically controlled.

Heigth.....	2700 mm
Width	2000 mm
Depth	800 mm

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1 X TWO STAND Flattening Rolling Mill, for Semi-Finished Product (our ref. 310– 18064)

This complete line is designed with two stands for flattening non ferrous metal and was used for the production of semi finished copper flats from wire input of 6 mm diameter and with reduction ratio of 50% each stand.

The line is complete and made of:

- 1.600 mm Pay-Off, Column & Brake Type
- Two Stands Flattening-Rolling Bench
- Laser Width Control
- 800 mm Take-up, Self Traversing
- Electrical panel

Circuit for cooling water with chiller, tank, pumps, filters, temperature & all piping was common to 4 lines.

This system is also available and can be quoted extra.

<i>Max input dia.....</i>	6 mm
<i>Number of stands</i>	2
<i>Max reduction ratio</i>	50 % (each stand)
<i>Line speed</i>	70 m/min
<i>Pay-off</i>	Column type
<i>Type</i>	Brake
<i>Bobbin diameter</i>	1600 mm
<i>Bobbin holding</i>	Btw pintles
<i>Bobbin lifting</i>	Electric
<i>Take-up</i>	Cantilver
<i>Type</i>	Self traversing, on floor
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Bobbin holding</i>	Between pintles
<i>Bobbin lifting</i>	Pneumatic
<i>Electrical panel.....</i>	Available

1 X FIVE STAND Flattening Rolling Mill, for Finished Product (our ref. 310– 18065)

This complete line is designed with five stands (3 rolling, 2 edging) for flattening non ferrous metal and was used for the production of finished copper flats from 1x3 mm to 3x7 mm.

The line is complete and made of:

- 1.600 mm Pay-Off, Column & Brake Type
- 800 mm Pay-off
- Five Stands Flattening-Rolling Bench made of:
 - + 3 Rolling Stand
 - + 2 Edging Stand
- Laser Width Control
- Water cooling bath for conductor cooling
- 800 mm Take-up, Self Traversing
- Electrical panel

Circuit for cooling water with chiller, tank, pumps, filters, temperature & all piping was common to 4 lines.

This system is also available and can be quoted extra.

<i>Finished product range</i>	1x3 mm to 3x7 mm
<i>Number of stands</i>	5 (3 rolling, 2 edging)
<i>Line speed</i>	160 m/min
<i>Pay-off 1</i>	Column type
<i>Type</i>	Brake
<i>Bobbin diameter</i>	1600 mm
<i>Bobbin holding</i>	Btw pintles
<i>Bobbin lifting</i>	Electric
<i>Pay-off 2</i>	Cantilver
<i>Type</i>	Brake
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Take-up</i>	Cantilver
<i>Type</i>	Self traversing, on floor
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Bobbin holding</i>	Between pintles
<i>Bobbin lifting</i>	Pneumatic
<i>Electrical panel</i>	Available

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1 X FIVE STAND Flattening Rolling Mill, for Finished Product (our ref. 310- 18066)

This complete line is designed with five stands (3 rolling, 2 edging) for flattening non ferrous metal and was used for the production of finished copper flats from 1x3 mm to 3x7 mm.

The line is complete and made of:

- 800 mm Pay-off
- Five Stands Flattening-Rolling Bench made of:
 - + 3 Rolling Stand
 - + 2 Edging Stand
- Laser Width Control
- 800 mm Take-up, Self Traversing
- Electrical panel

Circuit for cooling water with chiller, tank, pumps, filters, temperature & all piping was common to 4 lines.

This system is also available and can be quoted extra.

<i>Finished product range</i>	1x3 mm to 3x7 mm
<i>Number of stands</i>	5 (3 rolling, 2 edging)
<i>Line speed</i>	100 m/min
<i>Pay-off</i>	Cantilver
<i>Type</i>	Brake
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Take-up</i>	Cantilver
<i>Type</i>	Self traversing, on floor
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Bobbin holding</i>	Between pintles
<i>Bobbin lifting</i>	Pneumatic
<i>Electrical panel</i>	Available

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1 X AOM Five Stand Flattening Rolling Mill, for Finished Product (our ref. 310- 18067)

This complete line is designed with five stands (3 rolling, 2 edging) for flattening non ferrous metal and was used for the production of finished copper flats from 1x3 mm to 3x7 mm.

The line is complete and made of:

- 1.600 mm Pay-Off, Column & Brake Type
- Five Stands Flattening-Rolling Bench made of:
 - + 3 Rolling Stand
 - + 2 Edging Stand
- Laser Width Control
- Water cooling bath for conductor cooling
- 800 mm Take-up, Self Traversing
- Electrical panel

Circuit for cooling water with chiller, tank, pumps, filters, temperature & all piping was common to 4 lines.

This system is also available and can be quoted extra.

<i>Finished product range</i>	1x3 mm to 3x7 mm
<i>Number of stands</i>	5 (3 rolling, 2 edging)
<i>Line speed</i>	160 m/min
<i>Pay-off</i>	Column type
<i>Type</i>	Brake
<i>Bobbin diameter</i>	1600 mm
<i>Bobbin holding</i>	Btw pintles
<i>Bobbin lifting</i>	Electric
<i>Take-up</i>	Cantilver
<i>Type</i>	Self traversing, on floor
<i>Bobbin diameter</i>	800 mm
<i>Bobbin weight</i>	1300 kg
<i>Bobbin holding</i>	Between pintles
<i>Bobbin lifting</i>	Pneumatic
<i>Electrical panel</i>	Available