

## Auction Catalogue

### Surplex Metalworking Auction - Portugal

The items are in different locations (see item description)

Viewing by appointment only!

For the inspection, please contact Frederico Serradas:

frederico.serradas@surplex.com

**96 lots**

**Bidding ends:**

Friday, 10/02/2023, 11:00(local time)

Bids are welcome immediately and can be placed at:

**Contact:**

Frederico Serradas

+351 226169328

frederico.serradas@surplex.com

www.surplex.com

**Viewing:**

The items are in different locations (see item description)

Viewing by appointment only!

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frederico.serradas@surplex.com

**Description:**

**Metalworking Auction, different locations**

**Important:**

1. The item list is being continuously updated - please check back regularly!
2. In most cases, several items are located at one place - please sort list by "location"!



### ■ WMW BWF Si-4/1 Internal Grinding Machine

WMW BWF Si-4/1 Internal Grinding Machine

Maximum length of the ground hole: 200mm

The maximum diameter of the ground hole 250mm

The maximum rotational speed of the grinding wheel spindle: 29000 1/min

Equipment

Three-jaw self-centering chuck

Collet chuck holder

Device for profile dressing of the grinding wheel

Central lubrication

Technical Documentation

**Item number:** 797083, **Manufacturer:** WMW, **Model / Type:** BWF Si-4/1, **Year of manufacture:** 1983, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,200 kg, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm



### ■ GER RHC 1000 Cylindric Grinding Machine

GER RHC 1000 Cylindric Grinding Machine

Digital 2 Axes Mitutoyo

Distance between points: 1000 mm

Height of stitches: 175 mm

Ø max to rectify: 355 mm

Dimensions of the wheel: 400x50x127 mm

Total power: 12 HP

Made in Spain

**Item number:** 797089, **Manufacturer:** GER, **Model / Type:** RHC 1000, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,200 kg, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm



### ■ GER RHL 450 Cylindric Grinding Machine

GER RHL 450 Cylindric Grinding Machine

Useful grinding length 450 mm

Maximum grinding diameter 250 mm

Grinding wheel size 300 x 40 x 127 mm

Hydraulic feed of table 0.1 a 6 mts

Automatic feed of grinding wheel 0.005 a 0.08

Turnable work head 360°

Speeds of workholder 6 from 40 a 230 r.p.m

Morse taper number of workhead 5

Grinding wheel motor 3HP

Hydraulic pump motor 1HP

Workhead motor 0.50 HP

Tiltable table 10° Useful surface of table 1.080 x 159 mm

Surface of bed guideways 1.120 x 210 mm

**Item number:** 797081, **Manufacturer:** GER, **Model / Type:** RHL 450, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** XXXX kg, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm



#### ■ DANOBAT Internal Grinding Machine

**Item number:** 797095, **Manufacturer:** DANOBAT, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** XXXX kg, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm



#### ■ TOS HOSTIVAR 2UD P2 1000 Cylindric Grinding Machine

TOS HOSTIVAR 2UD P2 1000 Cylindric Grinding Machine

Digital 2 Axes Mitutoyo

Center height : 150 mm

Max diameter of job: 290 mm

Max length of job: 1000 mm

Grinding wheel size: 350 mm

Diameter x 50 mm Width

Work head speeds: 38 rpm to 380 rpm

Least count of the machine: 5 microns

With Internal Grinding Attachment

Hydraulic Rapid Movement of Wheel-Head

Complete with 2 x 2-point steady, wheel balancing stand, spare flanges & grinding wheels

With Automatic Depth Adjustment "Auto-Cut" and Plunge Grinding

Complete with 2 x Wheel-Dressers and coolant tank & pump

**Item number:** 797097, **Manufacturer:** TOS HOSTIVAR, **Model / Type:** 2UD P2 1000, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,000 kg, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm



#### ■ ACME RHC 4-75 CF External Grinding Machine

ACME RHC 4-75 CF External Grinding Machine

CYCLES 2.5 a 60 s

Flashing (with stop at the end of the cycle). Total time for rapid advance, slow grinding advance and custom stop of the drive carriage (adjustable by timer)

Maximum diameter difference in the copy 8 mm

Maximum copying taper 30°

#### REFRIGERATION EQUIPMENT

Motor pump power Pump flow 0,25 CV

Tank capacity 45 l/min. 100 liters

Settling departments 4

#### GREASING THE GRINDING HEAD

Tank capacity Pressure in the lubrication circuit 6.75 liters

Motor pump power 4 kg/cm<sup>2</sup>. 1/8 CV.

In this way, after having returned to its rearmost position, the drag carriage remains stopped for a time between 0.5 and 10 seconds, adjustable by timer, after which it automatically advances again, starting a cycle

**Item number:** 797090, **Manufacturer:** ACME, **Model / Type:** RHC 4-75 CF, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,650 x 1,600 x 1,410 mm, **weight approx.:** 2,600 kg



#### ■ AFFRI SYSTEM 206 RTS Hardness Tester

**Item number:** 798582, **Manufacturer:** AFFRI SYSTEM, **Model / Type:** 206 RTS, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 500 x 500 x 500 mm, **weight approx.:** 500 kg

No. 8



### ■ SUNNEN MBC-1804 G Horizontal Honing Machine

SUNNEN MBC-1804 G Horizontal Honing Machine

no. 1J1 89429

Min. diameter 1.5 mm

Max. diameter 165 mm

Max. honing length 406 mm

Spindle speeds: number (steps) 12 from 200 rpm up to 2500 rpm

Total stroke 80 - 310 mm

Stroke speed: number (steps) 5 from 80 s/min up to 310 s/min

Voltage 50 Hz 3x 380 Volt

Spindle motor 0.73 kW

Honing Supplies Include

**Item number:** 797084, **Manufacturer:** SUNNEN, **Model / Type:** MBC-1804 G, **Year of manufacture:** 1987, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 530 kg, **dimensions (l x w x h) approx.:** 1,830 x 1,250 x 1,700 mm

No. 9



### ■ ERWIN JUNKER BUJAJ 30 CNC Cylindric Grinding Machine

ERWIN JUNKER BUJAJ 30 CNC Cylindric Grinding Machine

Control System Fanuc 0-GC

Working length [mm] 630

Grinding wheel dimensions [mm] 400

Centre height [mm] 150

Grindingwheelhead: Grindingwheel- $\varnothing$  400 mm

Grindingwheel Power 5,5 kW

Speed 45 m/s

Swivelrange Grindinghead +45°/-15°

Workpiecespindle: Taper MK5

Speedrange 23-291 rpm

Swivelrange 90°

Tailstock: Taper Cone MK4

Movement Quill 30 mm

In general:

Centre height 150 mm

Grindingdiameter 300 mm

Grindinglength 630 mm

Workpieceweight (max.) 120 kg

Movement X/Z-Axis 300/756 mm

Equipment / Accessories:

Coolingmanagement: Coolant unit with paperbeltfilter

Oilmist seperator: Preparation extraction

**Item number:** 797096, **Manufacturer:** ERWIN JUNKER, **Model / Type:** BUAJ 30 CNC,  
**Year of manufacture:** 1997, **Item available from:** Immediately, **Item condition:**  
unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment**  
**terms:** 100% payment prior to collection, **weight approx.:** XXXX kg, **dimensions (l x w x**  
**h) approx.:** 1,000 x 1,000 x 1,000 mm



#### ■ AJAX Milling Machine

AJAX Milling Machine

Turret Mill Ajax Table: 1372x279 mm

Variable Speed Head 50-3750 r.p.m

Longitudinal Automatic 800 mm

Cross Automatic 345 mm

Vertical Automatic 406 mm

Working Surface Number of T Slots 3

Width of T Slots 16

Distance between Centres 63 mm

Maximum Distance Spindle to Table 406 mm

Maximum Distance Spindle to Column 685 mm

Minimum Distance Spindle to Column 115 mm

Quill Traverse Main Spindle Taper 127 mm

Number of Speeds 8

Range of Speeds 49, 85, 145, 260, 450, 780, 1330, 2400 r.p.m

**Item number:** 797094, **Manufacturer:** AJAX, **Item available from:** Immediately, **Item**  
**condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck,  
**Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x  
1,000 x 1,000 mm, **weight approx.:** XXXX kg



#### ■ BARSON ROLLOX AUTOMATIC 160 Automatic Band Saw

BARSON ROLLOX AUTOMATIC 160 Automatic Band Saw

Sowblade 3000x20x0,9 mm

**Item number:** 797092, **Manufacturer:** BARSON ROLLOX, **Model / Type:** AUTOMATIC  
160, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA  
Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to  
collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:**  
500 kg



No. 12



### ■ GIGOTE P. GIC Hydraulic Press

GIGOTE P. GIC 80 Ton. Hydraulic Press

**Item number:** 797082, **Manufacturer:** GIGOTE, **Model / Type:** P. GIC, **Year of manufacture:** 1984, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:** XXXX kg

No. 13



### ■ KNUTH COMPASS 200/1500 Universal Lathe

KNUTH COMPASS 200/1500 Universal Lathe

Working Area

center width 1500 mm

turning diameter over bed (max.) 400 mm

turning diameter over support (max.) 225 mm

turning diameter over gap bridge (max.) 530 mm

travel X-axis 330 mm

travel Z1-axis 130 mm

gap bridge length 320 mm

bed width 330 mm

swing range of top slide 360 °

Headstock

speed range (15) 22 - 1800 rpm

spindle bore 65 mm

spindle mount Camlock D1-6

spindle taper MT 5

Feed

feed X-axis 0,036 - 2,019 mm/R

feed Z-axis 0,072 - 4,036 mm/R

tapping

tapping, metric 0,5 - 28 mm

tapping, diametric 8- 56 mm

tapping, module 0,5 - 3,5 mm

tapping, whitworth 1 - 56 TPI

Tailstock

tailstock quill diameter 65 mm

tailstock taper MT 5

tailstock quill stroke 120 mm

tailstock traverse adjustment  $\pm 5$

Drive capacity

motor rating headstock 5,5 kW

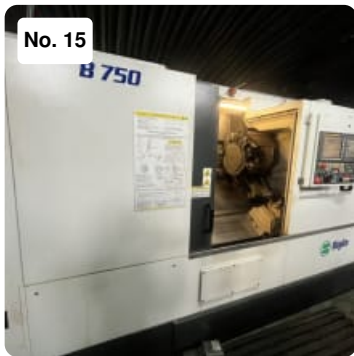
supply voltage 400 V

**Item number:** 797086, **Manufacturer:** KNUTH, **Model / Type:** COMPASS 200/1500, **Year of manufacture:** 2005, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:** XXXX kg



#### ■ MWM MIKROMATIC Lathe

**Item number:** 797091, **Manufacturer:** MWM, **Model / Type:** MIKROMATIC, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:** XXXX kg



#### ■ BIGLIA B 750 CNC Lathe

BIGLIA B750 CNC Lathe

diameter max. of bar 65mm | 80mm | 93/100mm

diameter max. machining 552/350mm | 552/450mm | 552mm

max speed spindle 4500rpm/ 3500rpm/ 3000rpm

spindle nose 6" HANDLE/ 8" HANDLE/ 8" HANDLE

Spindle motor power 30-40 kW/ 15-22 kW/ 30-38 kW

Sub spindle motor power 5000-4500 rpm (only on SM & YS versions)

number of tools 16/12

X Axis Displacement 305mm

Axis Y Displacement 140 mm (only in Y & YS versions)

Z Axis Displacement 860mm

Fast Scroll X | AND | z 18m/min | 7.5 m/min (only in Y & YS versions) | 24m/min

Dimensions (chip extractor included) 507 cm/ 203 cm/ 222 cm

**Item number:** 797088, **Manufacturer:** BIGLIA, **Model / Type:** B 750, **Year of manufacture:** 2017, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 7,800 kg, **dimensions (l x w x h) approx.:** 5,000 x 2,003 x 2,222 mm





### ■ NEORIL 230x400 Automatic Band Saw

NEORIL 230x400 Automatic Band Saw  
CUTTING CAPACITY.. IN RED. 230MM  
RECT. 230X400MM  
ANGULAR CUTTING.230X230MM  
RIBBON BAND DIMENSIONS: 27X3.035MM  
TAPE BAND SPEEDS.25,40,50,70MTS/MIN.  
MOTOR POWER.1.5HP  
SERIES NO.812399  
Supply Voltage: 400 V

**Item number:** 797093, **Manufacturer:** NEORIL, **Model / Type:** 230x400, **Year of manufacture:** 1998, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:** XXXX kg



### ■ VICTOR VTURN-20 CNC Lathe

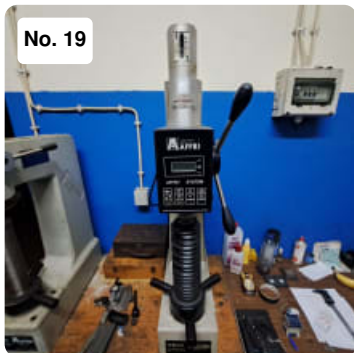
VICTOR VTURN-20 CNC Lathe  
Turning diameter over slide 250 mm  
Turning length 520 mm  
x-motion 150 mm  
z-motion 400 mm  
Turning diameter 550 mm  
ControlFANUC Series O- T  
toolchanger positions10

**Item number:** 797085, **Manufacturer:** VICTOR, **Model / Type:** VTURN-20, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 5,000 kg, **dimensions (l x w x h) approx.:** 3,300 x 1,800 x 1,900 mm



### ■ KNUTH Sand Blaster

**Item number:** 797087, **Manufacturer:** KNUTH, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 800 x 800 x 1,700 mm, **weight approx.:** 130 kg



No. 19

#### ■ AFFRI SYSTEM 206 RSD Hardness Tester

**Item number:** 798581, **Manufacturer:** AFFRI SYSTEM, **Model / Type:** 206 RSD, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 500 x 500 x 500 mm, **weight approx.:** 100 kg



No. 20

#### ■ CROWN DT 3040 Electric Stand-On Stacker

CROWN DT 3040 Electric Stand-On Stacker

s/n 5A146248

1.000Kg | h=1.795mm | c=600mm

2.000Kg | h=215mm | c=600mm

ZIVAN BATTERY CHARGER NG3 Charger

CODE "F7BQPX-008801"

s/n 304306028

**Item number:** 798485, **Manufacturer:** CROWN, **Model / Type:** DT 3040, **Year of manufacture:** 2012, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Lousada, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 2,200 x 700 x 1,300 mm, **weight approx.:** 1,350 kg



No. 21

#### ■ CROWN DT 3040 Electric Stand-On Stacker

CROWN DT 3040 Electric Stand-On Stacker

1.000Kg | h=1.795mm | c=600mm

2.000Kg | h=215mm | c=600mm

ZIVAN BATTERY CHARGER NG3 Charger

CODE "F7BQPX-008801"

s/n 1119528684

**Item number:** 798484, **Manufacturer:** CROWN, **Model / Type:** DT 3040, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Lousada, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 220 x 700 x 1,300 mm, **weight approx.:** 1,350 kg



### ■ HAAS VF3 TSC CNC Machining Centre

**Item number:** 798495, **Manufacturer:** HAAS, **Model / Type:** VF3 TSC, **Year of manufacture:** 2007, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Matosinhos, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 6,000 kg, **dimensions (l x w x h) approx.:** 4,700 x 4,000 x 3,900 mm



### ■ BECK PACKAUTOMATEN SXJ HPVS Packaging Machine

Series packer Beck Packautomat SXJ HPVS adapta packaging machine foil  
A fully automatic series packaging machine for e-commerce and mail order. The packaged goods are transported in two films, sealed and labeled via a 21 m long infeed belt. The machine can be adapted to the goods to be packaged and is therefore ideal for packaging textiles, household and leisure goods. The packaging offers reliable protection against dust, dirt and moisture. It is a cost-effective alternative to cardboard packaging.

Manufacturer: Beck packaging machines

Consisting of :

Beck series packer, type SXJ HP VS adapta

Feed conveyor (approx. 21,000 mm), type B 1796/50

Scanner tape: Type B200/40

Welding station: Type Adapta 400

Ejection station: Type B 180/60

Compressor: F/270/650 small

34 rolls of top and bottom film

Details:

Year of construction: 2015

Packed goods dimensions:

Length: 150...500mm

Width: 150...400mm

Height: 10...150mm

Film type: PE

Film width: max. 850 mm

Foil thickness: 60 my

Cutting width: 500 mm (adjustable)

Height: 80mm (adjustable)

Dimensions:

infeed belt :

Length : approx. 21,000 mm

Axle length: approx. 20,920 mm

Conveyor width: approx. 450 mm

Strap width: approx. 500 mm

Side guide height: approx. 210 mm

packaging module

Length: approx. 3,550 mm

Depth: approx. 1,300 mm (plus approx. 330 mm, control box)

Height: approx. 2,020 mm

Welding and ejection station

Length: approx. 2,800 mm

Depth: approx. 1,520 mm (plus approx. 500 mm, control box)

Height: approx. 1,550 mm

**Item number:** 798499, **Manufacturer:** BECK PACKAUTOMATEN, **Model / Type:** SXJ HPVS, **Year of manufacture:** 2015, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,000 x 1,000 x 1,000 mm, **weight approx.:** 3,000 kg



#### ■ CHIRON FZ 12 W CNC Vertical Machining Center

CHIRON FZ 12 W CNC Vertical Machining Center

no. 458-51

GE FANUC SERIES 21-M Control

Operating Time 7.359 h

Cutting Time 3.878 h

**Item number:** 798501, **Manufacturer:** CHIRON, **Model / Type:** FZ 12 W, **Year of manufacture:** 1999, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Albergaria A Velha, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,000 kg, **dimensions (l x w x h) approx.:** 3,800 x 2,000 x 3,000 mm

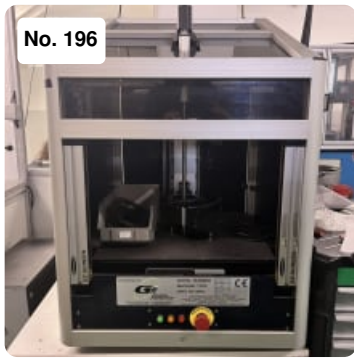


#### ■ GORNATI LEGOR 250 Lathe

GORNATI LEGOR 250 Lathe

Serial no. 28968/A

**Item number:** 781308, **Manufacturer:** GORNATI, **Model / Type:** LEGOR 250, **Year of manufacture:** 1968, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,300 kg, **dimensions (l x w x h) approx.:** 3,200 x 1,200 x 1,320 mm



No. 196

### ■ GENERAL INSPECTION LLAB Laser Inspection Machine

GI LLAB Laser Inspection Machine  
 Rates: 1 Part / 20 Seconds  
 Part Diameter Range: 2 mm - 36 mm  
 Part Length Range: 15 mm - 150 mm  
 Optional: 300 mm  
 Power: 110v-240VAC  
 50-60Hz 1 Phase  
 Serial Number: 1481

**Item number:** 785423, **Manufacturer:** GENERAL INSPECTION, **Model / Type:** LLAB,  
**Year of manufacture:** 2014, **Item available from:** Immediately, **Item condition:**  
 unchecked, **Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment  
 prior to collection, **dimensions (l x w x h) approx.:** 780 x 640 x 980 mm, **weight approx.:**  
 100 kg



No. 197

### ■ SIB FAG4 SAL 60.000 KCAL/H Heat Treatment Gas Shaker Furnace

SIB FAG4 SAL 60.000 KCAL/H Heat Treatment Gas Shaker Furnace  
 MAXIMUM TEMPERATURE: 930° C  
 Furnace in need of repair, cracked muffle.  
 Without control panel and cooling tank.

**Item number:** 785424, **Manufacturer:** SIB, **Model / Type:** FAG4 SAL 60.000 KCAL/H,  
**Year of manufacture:** 2013, **Item available from:** Immediately, **Item condition:**  
 unchecked, **Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment  
 prior to collection, **weight approx.:** 1,000 kg, **dimensions (l x w x h) approx.:** 3,640 x  
 1,980 x 2,600 mm



No. 198

### ■ STEFOR RTA 500 Tangential Grinding Machine

STEFOR RTA 500 Tangential Grinding Machine  
 SERIAL NUMBER: 586920  
 MAX Ø: 200 mm  
 ELECTRICAL CONNECTION: 380v / 50 Hz  
 TOTAL INSTALLED POWER AMP: 14  
 With magnetic table 550 mm x 200 mm  
 Hydraulic control panel  
 Grindstone diameter max. 220 mm  
 Lubrication tank  
 Recently repaired with replacement wheels and motion spindles as well as hydraulic piping.

**Item number:** 785425, **Manufacturer:** STEFOR, **Model / Type:** RTA 500, **Year of**  
**manufacture:** 1986, **Item available from:** Immediately, **Item condition:** unchecked,  
**Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment prior to  
 collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 2,700 x 1,500 x  
 1,850 mm





### ■ SIB MULTI.3 VASC. Heat Treatment Rotary Furnace

SIB MULTI.3 VASC. Heat Treatment Rotary Furnace

Manufacturer: SIB

Type: MULTIPLEX.3 + Vasca

MAXIMUM TEMPERATURE: 930° C

KW: 36

A: 54.8

V: 380 ± 3%

Hz: 50

**Item number:** 785427, **Manufacturer:** SIB, **Model / Type:** MULTI.3 VASC., **Year of manufacture:** 1998, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 500 kg, **dimensions (l x w x h) approx.:** 2,160 x 1,710 x 2,100 mm



### ■ MAC-DRY LOGICA 300V Degreasing Machine

MAC-DRY LOGICA 300V Degreasing Machine

SERIAL NUMBER: D183.G.10.016814

VOLUME: 200l

TEST PRESSUTRE: 9 BAR

MIN/MAX ALLOWABLE TEMPERATURE (PS): 0/6 BAR

MIN/MAX ALLOWABLE TEMPERATURE (TS): 5/200° C

INTENDED USE: Steam chamber for distillers

FILLING RATIO: 1kg/l

MAXIMUM FILLING (H<sub>2</sub>O): 8.6 kg

FLUID GROUP: Group 2

RISK CATEGORY: CAT II

2x deposit with approx. 650x590x1330mm each

Capacity for 3 baskets (450x300x200mm) per cycle, and makes 3 to 4 cycles per hour

Chamber: 300Lx1350Cx200H

Maximum weight of each load 150kg

Washing phases:

Phase 1 : Spray and immersion washing,

The baskets rotate left / right with programmable speed, see the characteristics in annex

Phase 2 : Washing by vaporization

Phase 3 : Vacuum drying

**Item number:** 785428, **Manufacturer:** MAC-DRY, **Model / Type:** LOGICA 300V, **Year of manufacture:** 2010, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Braga, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 700 kg, **dimensions (l x w x h) approx.:** 2,310 x 2,930 x 2,340 mm





### ■ MAZAK FH 480X CNC Machining Centre with Chip Conveyor

MAZAK FH 480X CNC with chip conveyor

Mazatrol M-32 control

axes travels:

x 560 mm

y 560 mm

z 510 mm

table: 400 mm x 400 mm

table max weight: 400 Kg

pallet changer 6 PC

approx. 90 tools

ISO 40 din connection

Spindle Max. Speed 25000 rpm

with chip conveyor OMSAT (year 1991)

**Item number:** 781184, **Manufacturer:** MAZAK, **Model / Type:** FH 480X, **Year of manufacture:** 1995, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Barcelos, loaded on truck, **Payment terms:** 100% payment prior to collection, **z-motion:** 510 mm, **x-motion:** 560 mm, **y-motion:** 560 mm, **weight approx.:** 9,500 kg, **dimensions (l x w x h) approx.:** 5,800 x 3,000 x 2,500 mm, **table surface area l x w :** 400 x 400 mm



### ■ GER RS-500 Tangential Grinding Machine

GER RS-500 Tangential Grinding Machine

500x200mm magnetic plate

Longitudinal travel: 500mm

Transversal travel: 400mm

Vertical travel: 400mm

Grindstone: 250mm

Serial number 85/26

**Item number:** 781306, **Manufacturer:** GER, **Model / Type:** RS-500, **Year of manufacture:** 1995, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 1,400 x 1,820 x 2,270 mm

No. 204



### ■ ACIERA F4 Universal Tool Milling Machine

Aciera F4 Universal Tool Milling Machine with digital

Table length 800 mm

Table width 250 mm

Longitudinal stroke (X axis) 400 mm

Transverse stroke (y axis) 175 mm

Vertical stroke (z axis) 450 mm

Spindle Speeds:

continuously

from 50 rpm to 3400 rpm

Cone on spindle 30 ISO

Feeds continuously:

Longitudinal from

12 mm / min to 360 mm / min

Vertical from 12

mm / min to 360 mm / min

Sleeve vertical travel: 60 mm

Fast forwards:

Longitudinal 1.8 m / min

Vertical 1.8 m / min

Voltage 50 Hz 3×380 volts

2.5 HP motor output

**Item number:** 781315, **Manufacturer:** ACIERA, **Model / Type:** F4, **Year of manufacture:** 1978, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,200 x 900 x 1,600 mm, **weight approx.:** 900 kg

No. 206



### ■ FRIEDRICH DECKEL FP 2 LB Tool Milling Machine

FRIEDRICH DECKEL FP 2 LB Tool Milling Machine

Serial number 0554

TECHNICAL SPECIFICATIONS

Digital display: 3 - axis digital display NEW

Travel:

X axis: approx. 800 mm

Y axis: approx. 300 mm

Z axis: approx. 400 mm

Table mounting surface: approx. 1000 x 440 mm

Spindle:

Speed range: approx. 40 - 2000 rpm

Tool holder: ISO 40

Motor power: about 2.2 kW

Tool clamping: manual

Feeds & rapid traverse: in all 3 axes

Feed range: approx. 10 - 500 mm / min

Rapid travels: approx. 1.5 m / min

#### EQUIPMENT

- Vertical & Horizontal milling device
- Coolant device
- angle milling head with drilling quill (stroke: approx. 100 mm)
- Complete machine documentation
- Central lubrication
- Various clamping keys
- Spindle protection cap
- Z - bellows

Approx. 1975

**Item number:** 781380, **Manufacturer:** FRIEDRICH DECKEL, **Model / Type:** FP 2 LB, **Year of manufacture:** 1975, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 2,000 x 1,800 x 1,900 mm, **weight approx.:** 2,200 kg



#### ■ FRIEDRICH DECKEL FP 33 Toolroom Milling Machine

DECKEL FP 33 Tool Room Milling Machine – Universal

X/Y/Z- 1000x400x600 mm

Table clamping surface 1200 x 640 mm

Turning speed range 31,5 - 1600 U/min

Tool taper ISO 50

Power capacity 5,5 kW

Feed range 8 - 400 mm/min

Rapid traverse 1600 mm/min

Total power requirement 8 kW

**Item number:** 781312, **Manufacturer:** FRIEDRICH DECKEL, **Model / Type:** FP 33, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,500 kg, **dimensions (l x w x h) approx.:** 2,000 x 1,700 x 2,000 mm



#### ■ CHIRON FZ 08 W CNC Vertical Machining Center

CHIRON FZ 08 W CNC Vertical Machining Center

no. 464-73

GE FANUC SERIES 21i-M Control

**Item number:** 798500, **Manufacturer:** CHIRON, **Model / Type:** FZ 08 W, **Year of manufacture:** 2000, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Albergaria A Velha, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,200 kg, **dimensions (l x w x h) approx.:** 3,000 x 2,000 x 3,000 mm



■ **PALMARY IG-150-NC PALMARY IG-150-NC Grinding Machine**

PALMARY IG-150-NC Grinding Machine

Make no. 0604012

Machine no. 150049

Grinding capacity da 6 a 200 mm

Max. workpiece lenght 150 mm

Swivelling over table diam. 400 mm

Workhead cover swivelling diam. 280 mm

Max table traverse 400 mm

Max table feedeing speed z-axis 10 m/min

Spindle speed 0-550 min<sup>-1</sup>

Max x-axis feed speed 5 m/min

X-axis minimum travel unit 0.001 mm

**Item number:** 781314, **Manufacturer:** PALMARY, **Model / Type:** IG-150-NC, **Year of manufacture:** 2006, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 3,100 x 1,760 x 1,730 mm



■ **2 x Grinding Sunner Machines**

Grinding Sunner Machines

PFERD, type R-QUINT (no. 12 X)

SUHNER, type ROTOFIX DKM 2 (no. 027450)

**Item number:** 781311, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 650 x 470 x 420 mm, **weight approx.:** 50 kg



■ **Aprox. 1.000 pieces (Milling tools ISO 50 + Lathe tools ISO 45)**

Aprox. 1.000 pieces

Milling tools ISO 50 + Lathe tools ISO 45

(metal rack not included)

**Item number:** 781309, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 1,200 x 800 x 500 mm

No. 213



■ **Magnetic Sine Table for Grinding type BM 64.104**

**Item number:** 781313, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 40 kg, **dimensions (l x w x h) approx.:** 400 x 300 x 175 mm

No. 214



■ **NSK Box with 12 NSK micrometers**

**Item number:** 781317, **Manufacturer:** NSK, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 700 x 400 x 400 mm, **weight approx.:** 50 kg

No. 215



■ **VELOX Circular Saw**

**Item number:** 784471, **Manufacturer:** VELOX, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Torres Novas, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 150 kg, **dimensions (l x w x h) approx.:** 600 x 600 x 1,400 mm

No. 216



■ **NSM A100 SCM Power Generator**

NSM A100 SCM Power Generator  
no. 0610052408

**Item number:** 784472, **Manufacturer:** NSM, **Model / Type:** A100 SCM, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Torres Novas, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 700 x 500 x 600 mm, **weight approx.:** 50 kg





### ■ CHEVALIER FSG-618M Manual Surface Grinder

Working table size: 146 x 460 mm  
 Max. grinding length - longitudinal: 457 mm  
 Max. grinding width - crosswise: 152 mm  
 Distance from table to centre of grinding wheel: 450 mm  
 Logitudinal axis  
 Max. manual feed: 482 mm  
 Transverse axis  
 Max. manual feed 180 mm  
 Manual feed per revolution 3 mm  
 Manual feed per revolution - 0.01 mm graduation  
 Vertical axis  
 Manual rotation - 2 mm revolution  
 Manual rotation - 0.01 mm graduation  
 Grinding wheel  
 Speed 60 Hz - 3.450 rpm  
 Power 1.5 kW  
 Diameter 203 mm  
 Width 12.7 mm  
 Bore 31.75 mm  
 Serial Number: FA3128997

**Item number:** 757828, **Manufacturer:** CHEVALIER, **Model / Type:** FSG-618M, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **control:** MITUTOYO KAcouter , **weight approx.:** 500 kg, **dimensions (l x w x h) approx.:** 1,118 x 874 x 1,930 mm



### ■ JONES & SHIPMAN 540P Surface Grinding Machine

Surface Grinding Machine with 18" x 6" Magnetic Chuck  
 Table Working surface of table: 457mm x 1523mm.  
 Longitudinal traverse of table (hydraulic): 483mm  
 Longitudinal traverse of table (hand): 470 mm  
 Cross traverse of table: 168 mm  
 Traverse speed range per minute: 1.5m to 18m  
 Table traverse per revolution of handwheel: 60mm  
 Wheelhead motor 1.5kW.  
 Hydraulic pump motor 0.55kW.  
 Hydraulic system working pressure 7.03hg/cm³.  
 Hydraulic tank capacity 15.5 litres.  
 Speed of grinding wheel 3000 rpm.  
 Automatic dust control unit: Auto-Drytex

**Item number:** 757827, **Manufacturer:** JONES & SHIPMAN, **Model / Type:** 540P, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **control:** MITCHAM FACTSTOR + EASSON ES10 , **weight approx.:** 1,120 kg, **dimensions (l x w x h) approx.:** 1,168 x 597 x 1,651 mm





### ■ DEBER FU 2 Universal Milling Machine

Control: FAGOR  
 Longitudinal stroke: 1000 mm  
 Cross travel: 360 mm  
 Vertical travel: 500 mm  
 Table area: 1430 x 300 mm  
 Max distance between table and spindle nose: 500 mm  
 Number of spindle speeds: 25  
 Spindle speed: 1250 RPM  
 Number of longitudinal and cross feeds: 12  
 Spindle motor: 3 HP

**Item number:** 757825, **Manufacturer:** DEBER, **Model / Type:** FU 2, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 2,200 x 2,100 x 1,650 mm, **weight approx.:** 2,400 kg



### ■ AGIE AGIETRON INTEGRAL 2 AGIEMATIC T + AGIEPULS 60 HSF Die Sinking EDM Machine

CNC EDM with C axis and 28 Station Tool Changer  
 On board Programming. 28 Station Tool Changer. 60A Generator.  
 X Axis: 350 mm  
 Y Axis: 250 mm  
 Z Axis: 350 mm  
 Table length: 600 mm  
 Table width: 450 mm  
 Max. workpiece length: 840 mm  
 Max. workpiece width: 600 mm  
 Max. workpiece height: 250 mm  
 Max. workpiece weight: 400 kg  
 Max. machining current 60 A  
 Worked hours: 45947  
 Made in Switzerland

**Item number:** 757823, **Manufacturer:** AGIE, **Model / Type:** AGIETRON INTEGRAL 2 AGIEMATIC T + AGIEPULS 60 HSF, **Year of manufacture:** 1999, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **control:** Agiecom, **weight approx.:** 3,000 kg, **dimensions (l x w x h) approx.:** 1,630 x 3,350 x 2,580 mm

No. 221



### ■ TSC OHX Cylindrical Grinding Machine

**Item number:** 757820, **Manufacturer:** TSC, **Model / Type:** OHX, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 2,500 x 1,800 x 1,600 mm

No. 222



### ■ AGIE AGICUT CLASSIC 3 Wire EDM Machine

Wire diameter:  $0.2 \div 0.33$  mm  
X axis movement: 500 mm  
Y axis movement: 350 mm  
Z axis movement: 256 mm  
Workpiece X: 1050 mm  
Workpiece Y: 650 mm  
Workpiece Z: 250 mm  
Weight of workpiece: 800 kg  
Main electronic connection: 3x400 V  
Power consumption: 9kVA  
U/V axis:  $\pm 70 / \pm 70$  mm  
Serial Number: 0004  
Made in Switzerland

**Item number:** 757819, **Manufacturer:** AGIE, **Model / Type:** AGICUT CLASSIC 3, **Year of manufacture:** 1997, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA MACEIRA LRA, loaded on truck, **Payment terms:** 100% payment prior to collection, **control:** Agievision, **weight approx.:** 3,460 kg, **dimensions (l x w x h) approx.:** 2,300 x 1,904 x 2,220 mm

No. 257



### ■ TOMMY NIELSEN UNIVERSAL 301 FS Blister Packaging Machine

Semiautomatic Rotary Blister Sealer

**Item number:** 757816, **Manufacturer:** TOMMY NIELSEN, **Model / Type:** UNIVERSAL 301 FS, **Year of manufacture:** 2001, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 660 x 1,085 x 1,145 mm, **weight approx.:** 250 kg



### ■ BRANSON 2000 IW 20:2.2 Ultrasonic Plastic Welding Machine

Compact, self-contained design for convenient set-up, operation and portability.

Welding by time, breaking distance or absolute distance.

Post-break with variable delay and duration.

Automatic pre-cutoff to initiate ultrasound before contacting the workpiece.

Dynamic trigger force based on a pre-selected force setting.

Automatic adjustment with memory for fully automatic adjustment and storage of sonotrode frequencies at the end of each weld cycle.

220v

20 kHz

Serial Number: WLB05112604

**Item number:** 757815, **Manufacturer:** BRANSON, **Model / Type:** 2000 IW 20:2.2, **Year of manufacture:** 2005, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 660 x 1,085 x 1,145 mm, **weight approx.:** 250 kg



### ■ TOMMY NIELSEN UNIVERSAL 301 FS Blister Packaging Machine

**Item number:** 757814, **Manufacturer:** TOMMY NIELSEN, **Model / Type:** UNIVERSAL 301 FS, **Year of manufacture:** 2003, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,600 x 1,800 x 1,400 mm, **weight approx.:** 150 kg



### ■ MIKRON WPC1 Robot Pallet Changer

Serial number: 621

Automated warehouse with capacity for 48 Erowa bases

Electrode machining system

To work on a CNC with Erowa base

Attaches to a CNC

Belongs to a Micron but works with other CNC

**Item number:** 734105, **Manufacturer:** MIKRON, **Model / Type:** WPC1, **Year of manufacture:** 2007, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Leiria PORTUGA, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,600 x 1,210 x 800 mm, **weight approx.:** 800 kg



### ■ SANDVIK COROMANT Modul Mill

Modul-Mill New R 285.2 200  
Tool cutting edge angle: 75 deg  
Cutting diameter: 200 mm  
Maximum cutting diameter: 208 mm  
Maximum cutting depth: 12 mm  
Arbor -ISO 6462 -C (4 bolts) -metric: 60S  
Right hand  
Maximum working speed: 3.700 Rpm

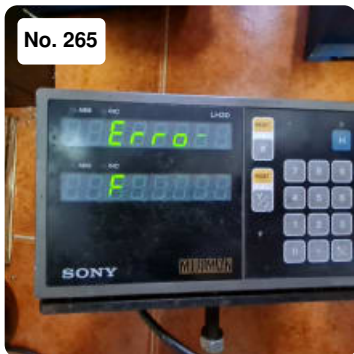
**Item number:** 710911, **Manufacturer:** SANDVIK, **Model / Type:** COROMANT, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 250 x 250 x 100 mm, **weight approx.:** 30 kg



### ■ BRAILLON Magnetic Table

Table size: 320 x 170 mm  
Amp: 1.5  
Voltage: 230

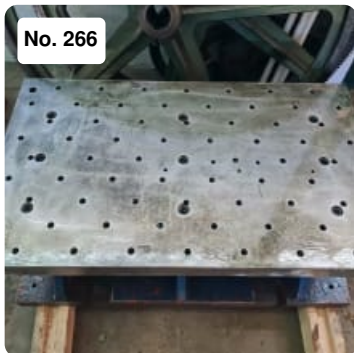
**Item number:** 710907, **Manufacturer:** BRAILLON, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 320 x 170 x 100 mm, **weight approx.:** 15 kg



### ■ SONY MILLMAN Digital Readout

Digital read out for milling machine or lathes  
Model: LH30-2T01  
2 axis  
Without drivers

**Item number:** 710905, **Manufacturer:** SONY, **Model / Type:** MILLMAN, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 150 x 100 x 150 mm, **weight approx.:** 5 kg



### Working Table

Working table

Table size: 1000 x 600 x 360 mm

Suitable for milling machines, boring machines, CNC machining centre, Radial drilling machines, etc

**Item number:** 710914, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,100 x 650 x 400 mm, **weight approx.:** 1,200 kg



### Lot of Milling Tools

Lot of milling tools

7 uts

ISO 30 Cones

Different models, brands and sizes

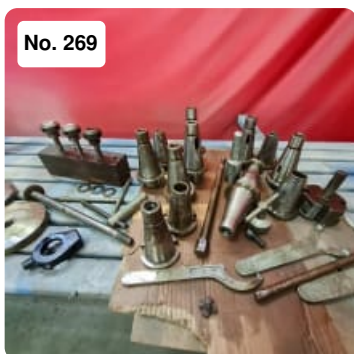
**Item number:** 710915, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 350 x 100 x 150 mm, **weight approx.:** 20 kg



### VERTEX Collets

15 x Collets ER32

**Item number:** 710884, **Manufacturer:** VERTEX, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** EXW Amieira, Marinha Grande, ex foundation, unpackaged, **Payment terms:** 100% payment prior to collection, **weight approx.:** 3 kg, **dimensions (l x w x h) approx.:** 350 x 200 x 120 mm



### Lot of Milling Tools

17x Tools for milling machines and lathes

**Item number:** 710917, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 330 x 300 x 280 mm, **weight approx.:** 70 kg



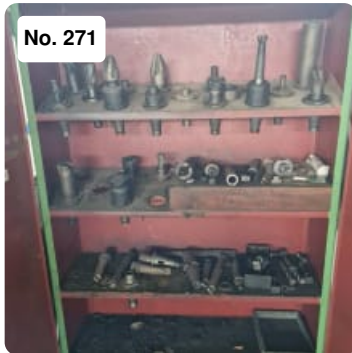


No. 270

### ■ RÖHM 116H MK6 Revolving Tailstock Live Center

For counter-rolling work on lathes and grinding machines  
 With maximum concentricity deviation of 0.005 mm

**Item number:** 710834, **Manufacturer:** RÖHM, **Model / Type:** 116H MK6, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 40 kg, **dimensions (l x w x h) approx.:** 200 x 150 x 180 mm



No. 271

### ■ Tool Cabinet with Content

Tool cabinet for milling machines or boring mill machines, etc  
 Cones ISO 50: 37 uts.  
 Content included

**Item number:** 710092, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 200 kg, **dimensions (l x w x h) approx.:** 1,250 x 450 x 1,780 mm



No. 272

### ■ ACEC EFA - ACEC Polishing Machine

Double head polishing machine  
 Model: EFA-ACEC

**Item number:** 710920, **Manufacturer:** ACEC, **Model / Type:** EFA - ACEC, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,200 x 400 x 350 mm, **weight approx.:** 80 kg



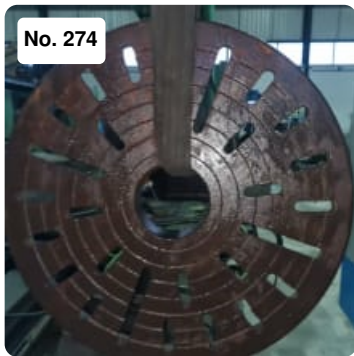
No. 273

### ■ BOSCH 220 Drill

Drill  
 Serial number: 0 601 174 048  
 220 V  
 Total power: 520 W  
 Working speed:  
 · Ø 10 mm: 710 Rpm  
 · Ø 16 mm: 320 mm

**Item number:** 710921, **Manufacturer:** BOSCH, **Model / Type:** 220, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 600 x 250 x 150 mm, **weight approx.:** 40 kg





### ■ Lathe Face Plate

Lathe face plate  
Plate diameter: 640 mm  
Inner diameter approx.: 130 mm

**Item number:** 710924, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 700 x 700 x 250 mm, **weight approx.:** 100 kg



### ■ HW50-32 Collet Chuck with Collets

Collet chuck with collets  
Cone: ISO 50  
With 30 collets prox.

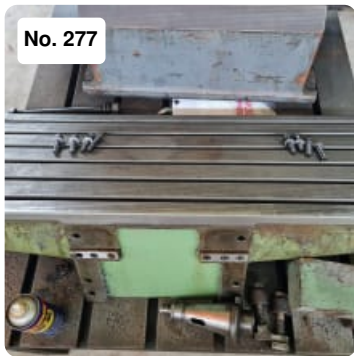
**Item number:** 710928, **Manufacturer:** unknown, **Model / Type:** HW50-32, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 400 x 300 x 150 mm, **weight approx.:** 25 kg



### ■ TOS FN32 Toolroom Mill

Table size 300 x 700 mm  
Travels X / Y / Z: 500 / 285 / 430 mm  
Spindle SK40  
Speeds from 40 to 2000 Rpm  
Feed rate 8-400 mm / min  
Speed: 600 mm / min  
High-speed head max 10,000 Rpm  
2-axis Digital read out  
Clamping vice included

**Item number:** 710083, **Manufacturer:** TOS, **Model / Type:** FN32, **Year of manufacture:** 1987, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 1,850 kg, **dimensions (l x w x h) approx.:** 1,340 x 1,100 x 1,550 mm



### ■ MH600B Milling Table

Maho Milling Table  
Working Table Dimensions: 1000 mm x 400 mm  
6 Horizontal T-Slots  
T-Slots of 15 mm  
Hole-to-Hole Adaptation: 315 mm

**Item number:** 684813, **Manufacturer:** MAHO, **Model / Type:** MH600B, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 100 kg, **dimensions (l x w x h) approx.:** 1,000 x 400 x 270 mm



### ■ ZMM CU580 Lathe Working Face plates (x 20 units)

Lathe working plates (x 20 units) to Lathe ZMM CU 580 or similar  
Diameter  $\varnothing$ : 480 mm  
4 Holes  
Hole to Hole: 170 mm  
Larger Ring: 140 mm  
Tree Hole: 85 mm  
Height: 60 mm

**Item number:** 684805, **Manufacturer:** unknown, **Model / Type:** ZMM CU580, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 300 kg, **dimensions (l x w x h) approx.:** 120 x 80 x 450 mm



### ■ JAHRLS 901-40 Collet Chuck with Collets

Collet chuck with collets  
Cone: ISO 50 M24  
With 6 collets

**Item number:** 710933, **Manufacturer:** JAHRLS, **Model / Type:** 901-40, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 350 x 200 x 300 mm, **weight approx.:** 20 kg



### ■ LAGUN FU2 Knee Type Milling Machine

Working Table Dimensions: 1300 mm x 280 mm

X: 600 mm

Y: 280 mm

Z: 450 mm

Angled Universal Head with Slot

Fast forward

water engine

Water tank

Low Speeds: 28 rpm to 180 rpm

High Speeds: 224 rpm to 1400 rpm

Feedrates of the Axes: 10 to 452

**Item number:** 684804, **Manufacturer:** LAGUN, **Model / Type:** FU2, **Year of manufacture:** 1989, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 2,000 kg, **dimensions (l x w x h) approx.:** 1,700 x 1,600 x 1,775 mm



### ■ Drilling Head

Drilling head

For Deckel machines

**Item number:** 710935, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 400 x 200 x 150 mm, **weight approx.:** 20 kg



### ■ BOTTARINI GB/T 650 Piston Compressor

Made in Italy

CE Certificate

11 Bar

Serial Number: 62427

**Item number:** 684798, **Manufacturer:** BOTTARINI, **Model / Type:** GB/T 650, **Year of manufacture:** 2004, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,300 x 400 x 550 mm, **weight approx.:** 38 kg



### ■ ELB SW3HA Hydraulic, Electric and Manual Surface Grinder

Hydraulic, Electric and Manual Grinding Machine

Made in Germany

Table Dimensions: 300 x 150 mm

X: 350 mm

Y: 150 mm

Z: 200 mm

Serial Number: 37050662

**Item number:** 684796, **Manufacturer:** ELB, **Model / Type:** SW3HA, **Year of manufacture:** 1980, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 600 kg, **dimensions (l x w x h) approx.:** 1,100 x 1,100 x 1,800 mm



### ■ CINCINATI SABRE-750 ERH Vertical Machining Center

Controller: Acramatic 8505X

Serial Number: 7029-A00-94-0926

Travels:

X-780 mm

Y-520 mm

Z-580 mm

Made in England

**Item number:** 684784, **Manufacturer:** CINCINATI, **Model / Type:** SABRE-750 ERH, **Year of manufacture:** 1994, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,500 kg, **dimensions (l x w x h) approx.:** 1,900 x 2,200 x 2,500 mm



### ■ Faceplate

Plate for Lathe Machine

Diameter 550 mm

**Item number:** 684822, **Manufacturer:** unknown, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 70 kg, **dimensions (l x w x h) approx.:** 550 x 550 x 200 mm

No. 286



### RENISHAW Working Tool

Made in UK  
Serial Number: D34736 ISO40

**Item number:** 684819, **Manufacturer:** RENISHAW, **Model / Type:** MP1s, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 80 x 50 x 20 mm, **weight approx.:** 7 kg

No. 287



### HYDROVANE 148 / BS5000-99 Compressor

Made in England  
Power: 22Kw  
Current: 42A  
Voltage: 660V  
Frequency: 50Hz  
3 Phases  
Hours of Work: 36453h  
Serial Number: DI80LM

**Item number:** 684799, **Manufacturer:** HYDROVANE, **Model / Type:** 148 / BS5000-99, **Year of manufacture:** 1997, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,900 x 700 x 1,000 mm, **weight approx.:** 500 kg

No. 288



### Milling Table

Deckel FP3 Milling Table  
Working Table Dimensions: 1000 mm x 430 mm  
5 Horizontal T-Slots  
2 Vertical T-Slots  
Tension clamp 90 in 90 mm x 4  
T-Slot of 20mm

**Item number:** 684812, **Manufacturer:** DECKEL, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 200 kg, **dimensions (l x w x h) approx.:** 1,117 x 500 x 420 mm





### ■ TURNIER XZ7550CW Milling Machine

Model XZ7550CW  
from 2007  
Fast and Slow Forwards on the X and Y axes  
Number of speeds 8  
N speed = 115 rpm  
Speed for N = 1750 rpm  
L Mesa2 with size T40 mm  
T-slot sizing table size 60 mm  
car pump yes  
Electrical connection 380 V

**Item number:** 758360, **Manufacturer:** TURNIER, **Model / Type:** XQ6220A, **Year of manufacture:** 2007, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,300 x 1,300 x 2,200 mm, **weight approx.:** 1,500 kg



### ■ WERTHENBACH 673439 Hydraulic Unit

**Item number:** 758410, **Manufacturer:** WERTHENBACH, **Model / Type:** 673439, **Year of manufacture:** 2007, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 800 x 600 x 800 mm, **weight approx.:** 80 kg



### ■ BROWN & SHARPE N2 Surface Grinder

With Magnetic table

**Item number:** 758353, **Manufacturer:** BROWN & SHARPE, **Model / Type:** N2, **Year of manufacture:** 1959, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 300 kg, **dimensions (l x w x h) approx.:** 1,200 x 860 x 1,960 mm



No. 293



### ■ TOS R5 Lathe

**Item number:** 758370, **Manufacturer:** TOS, **Model / Type:** R5, **Year of manufacture:** 1987, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 2,800 x 2,200 x 1,500 mm, **weight approx.:** 2,000 kg

No. 294



### ■ INGERSOLL RAND RH - 2BS - 13 Piston Compressor

**Item number:** 758359, **Manufacturer:** INGERSOLL-RAND, **Model / Type:** RH - 2BS - 13, **Year of manufacture:** 1988, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,600 x 600 x 1,000 mm, **weight approx.:** 200 kg

No. 295



### ■ WAGNER FCW - 620 Milling Machine

x-travel: 400 mm  
y-travel: 300 mm  
z-travel: 400 mm  
turning speeds: 40 - 2000 U/min  
table: 750 x 320  
Quill stroke: 60 mm  
Thickness of jaw: 160 mm  
Feed range: 10 - 500 mm/min  
Spindle cone: SK 40  
3-axis RSF  
Electronic Z503 digital display  
Swiveling vertical head +/- 90°  
All 3 axes with Feeds, spindle quill (60 mm)  
Switchable spindle brake  
Coolant system  
Bore-feed 0.03; 0.12; 0.06 mm/rev. machine light

**Item number:** 758372, **Manufacturer:** WAGNER, **Model / Type:** FCW - 620, **Year of manufacture:** 1987, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,300 x 1,500 x 1,700 mm, **weight approx.:** 2,000 kg

No. 297



### ■ STUDER 84 Grinding Machine

**Item number:** 758357, **Manufacturer:** BUG, **Model / Type:** DOL 84, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 520 x 600 x 1,200 mm, **weight approx.:** 150 kg

No. 298



### ■ Lot of Calipers

Brands: Mitutoyo, Bocchi, Insize

**Item number:** 758416, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 500 x 40 x 200 mm, **weight approx.:** 10 kg

No. 299



### ■ MAS KOVOSVIT MAS MCV 750 CNC Machining Center

Control: Heidenhain 410

Working Table Dimensions: 1000mm x 500mm

X: 750 mm

Y: 500 mm

Z: 500 mm

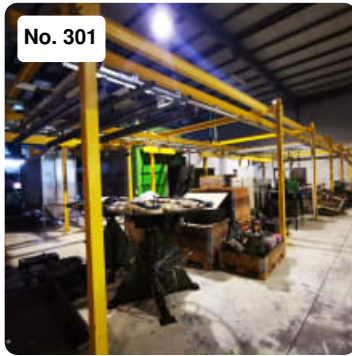
ISO40

Tool Carousel Capacity: 20 Tools

Made in Czech Republic

CE Certificate

**Item number:** 684808, **Manufacturer:** MAS, **Model / Type:** KOVOSVIT MAS MCV 750, **Year of manufacture:** 1996, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,000 kg, **dimensions (l x w x h) approx.:** 2,300 x 2,000 x 2,100 mm



No. 301

## Manual Coating Installation with Electrostatic Coating Cabin

Manual coating installation with electrostatic coating cabin

### 1 - GENERAL SPECIFICATIONS:

· Workpiece Dimensions:

Max. Height 1.800 mm

Max. Width 1.500 mm

Max. Length 1.800 mm

Max. Thickness 7 mm

Max. weight (supported in rack) 350 Kg

· Electric Consumption:

Consumption (machine) (50 Hz) 400V+N+T (230V+T)

Metallic wash house 8 kW

Complete painting booth 25 kW

Polymerization Oven 6 kW

Total consumption 39 kW

Fuel Supply LPG

Polymerization 150.500 kcal/h

Total Consumption 602.000 kcal/h

### 2 - EQUIPMENT DESCRIPTION

· CABIN WITH PRODUCT RECOVERY TREATMENT SYSTEM:

Useful dimensions: 4000 x 3500 x 4500 mm ( H x W x D );

Clearance gauge: 2000 x 2200 mm (W x H);

Construction in isorighe boards ref. 1000/40BG-BG with 40 mm insulation, colour Ral 9006, duly structured with sheet metal gutter.

Structured with ST 37 steel sheet rails.

6 Lamps 3 x 36W

An exhaustion dome, equipped with a helicoidal fan, mod. HPX-56-4T-1.5

Equipped with phosphating machine treatment system with product recovery

The high pressure washer is used in manual treatment systems (of parts to be treated).

Its purpose is to degrease / phosphate the parts to paint.

Principle of Operation: this machine should make a dilution of 1:2 and aspiration of the solution efficiently. The water diluted with the solution is sucked into a tank, and

manually launched by a lance directly on the parts to to degrease/phosphatize, during a necessary time. After this operation (Degreasing/Fosphatizing), the product's suction is switched off and only water is washed, at room temperature.

The product recommended by Chemetall for preparing the solution to be used is

GARDOBOND

KHS at 65

g/litre (54 ml/litre).

Temperature: 60 - 80 °C

Time: Variable, depending on the type of workpiece and its contamination!

The analysis value at the exit of the lance should be Total Acidity = 7.5 - 8.5 points.

NOTE: The product for preparing the solution, draining and treating water from washing,

electrical connections: electrical connections, water and fuel (diesel), to be paid by the

CLIENT. HDS 8/18 - 4 C Washer

Three-phase 4-pole hot water high pressure washer, water-cooled electric motor, with

storage compartment storage compartment, Eco mode, 1-button operation, integrated tanks,

Easy Press, continuous adjustment of pressure and water flow, etc.

Accessories supplied with the machine:

- Gun with soft grip coating
- High pressure hose 10 m DN 6, 250 bar
- Lance 600 mm
- Milling nozzle
- SDS system
- Anti-creasing system (AVS)
- Pressure control switch
- Integrated detergent and fuel tanks
- Servo Control (pressure control)

Current type Ph/V/Hz 3/400/50

Water flow rate (l/h) 300 - 800

Working pressure (bar/MPa) 30 - 180 / 3 - 18

Max. working temperature (°C) (°C) 80 - 155

Power (kW) 6

Diesel consumption (kg/h) 5

Fuel tank (l) 15

Weight (kg) 112

Measures (L x W x H) (mm) 1060 x 650 x 920

Detergent tank (l) 10

DESCRIPTION: Compact class high performance three-phase hot water high-pressure washer

with 4-pole motor water-cooled motor.

The Eco mode ensures an economical and ecological use.

Easy to use thanks to the one-button operation.

Excellent mobility thanks to large wheels and steering roller.

Chassis robust chassis with integrated detergent and fuel tanks.

Ergonomic Easy Press gun with Softgrip and Continuous pressure and flow control in the gun.

Practical storage compartments for accessories, nozzles, etc.

- POWDER SPRAY BOOTH, WITH INCORPORATED FILTRATION (LOOSE POWDER):

Useful inside dimensions: 3000 x 3000 x 4500 mm (Height x Width x Length).

Clearance gauge: 2100 x 2000 mm (height x width)

Construction in 40 mm insulated polyurethane panel, duly structured with a steel profile.

Interior lighting system with LED reinforcement.

Composed of a cartridge filtration system, with a capacity of 12 000 m<sup>3</sup>/h,!

A suction speed of about 0.50 metres per minute is calculated on the cabin's entry gauge.

The automatic suction and filtering system is a automatic dedusting by filter cartridges

with high highly efficient from an economic and environmental point of view. With a

retention performance that eliminates the conventional extraction to the exterior,

allowing total recycling of the air inside the building.

The careful construction of INTELLYSYS, using pressed, bent and painted panels, means that

they are in machines of high robustness. The filtering cartridges are made of top quality

"fabric", performing quality, performing filtration operations efficiently and

long-lasting. The cartridges are assembled on galvanized or painted galvanized or painted

metal cages, to increase resistance and resistance and durability.

Especially suitable for medium and fine dust filtration, maintains a high filtration

efficiency and a perfect cleaning of the bottom of the filtering structure, thanks to the

continuous operation of the Cleaning System.

Electric panel with electronic variable speed drive

Functional Characteristics:

Flow rate 12.000 [m<sup>3</sup>/h] - 12.000 - [m<sup>3</sup>/h]

N° of solenoid valves - 4

Floor area - 2080 x 1160 x 4130 mm - [mm (h)]

Number of cartridges - 8 pcs x(Ø324x1000) polypropylene

Fan

Type - DCR 501/B

Flow rate - 12,000 [m<sup>3</sup>/h]

Total Pressure - 347 [mm W.C.] Speed

Rotational speed - 2,930 [R.P.M] Installed power

Installed power - 18.5 kW, 2-pole

Voltage - 400 / 690 [Volt]

Frequency - 50 [Hz].

· MANUAL APPLICATION EQUIPMENT WAGNER POWDER:

2 WAGNER SPRINT application equipment

AIRFLUID, composed of (each)

- 1 PEM X1 latest generation gun

- 1 Trolley with vibration table

- 1 Generator EPG - SprintX

· GAS STATIC POLYMERIZATION OVEN:

Robust construction in galvanized sheet in thicknesses of thickness of 1.5, 2.5, and 3 mm;

Construction in panels "sandwich" of 150 mm, built in Rock Wool core, density of 120 kg/m<sup>3</sup> high thermal insulation, painted exterior colour "SILVER METALIC" and interior face in galvanised sheet metal, duly structured and reinforced. This guarantees a minimum differential between the temperature of the exterior wall of the and the ambient temperature;

Two half Sliding Doors on the top of the Oven.

1 Slot for overhead gutters (not included)

Heating through ONE Burner with direct flame burner, radiant tube, Mod.BPR150 MB

· Sensor Element: PT100 probe;

· Maximum Thermal Power: 175kW;

Electrical Control, Protection and Command Panel.

Maximum temperature: 250 °C;

Air recirculation caused by 3 centrifugal fans equipped with a 2 Cv motor, fans type CMSH 1445 -4T - 2CV with an operating point of 3 500 m<sup>3</sup>/h at 60mmH<sub>2</sub>O, each. We have designed around 362 re-circulations/hour, which for an internal volume of approx. 29 m<sup>3</sup>, constitutes a circulating flow of approx.10,500 m<sup>3</sup>/h.

Anti-blocking safety system inside;

Electric control panel, protection and command with temperature indication through digital controller, heating, regime and ventilation signaling, general cut-off switch, protection of the motors with circuit breakers, working timer, end of operation buzzer and active safety circuit, (CE)

· OVERHEAD RAIL CONVEYOR:

NIKO overhead rail and accessories

Air rail in profile, 3.5mm thick, with yellow galvanization. Its conical design, allows the correct alignment of the trolleys and reduces the possibility of dust accumulation.

This guarantees the proper functioning of the trolleys and the long life of the profile.

This type of profile requires only 1-4% strength of the total weight of the total weight to be handled.

Maximum load (350 Kg / rack)

9 Piece holder frames, built in rectangular rectangular tubular profile and T-bar,



perforated throughout dimension (4,000 mm), for the placement of hooks.  
Equipped with 2 high temperature trolleys, each for to be moved on a rail each.

· FLUE GAS EXTRACTION DUCTS:

Flue gas extraction ducts made of INOX sheet in INOX plate, others in galvanized spiral pipe.

Piping construction in accordance with Decree-Law No. 78/2004 of 3 April, Ordinance 263/2005 and Rectification 38/2005 and standard NP 2167 of 1992;

Diameters in accordance with the machine outputs;

Fixing through unions or embedding of easy replacement easy replacement;

Roof sealing by plates, according to the roof tile, with the tile, with sealing by mastik and aluminium tape aluminium tape;

Joints by inlaying and insulated by aluminium tape aluminium tape;

Trolley carriage, bridge crane type, cross travel, with mechanical interlocking system and anti-fall safety device for the frame. It comprises the trolley carriage, multiple crossing lines, locks and an operator's lever.

**Item number:** 708087, **Manufacturer:** INTEELLYSYS, **Model / Type:** EE 004 17, **Year of manufacture:** 2017, **Item available from:** immediately, **Item condition:** unchecked, **Delivery terms:** FCA Brito - Guimarães, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 19,000 x 12,000 x 3,500 mm, **weight approx.:** 8,500 kg



#### ■ LANGE VYK Lathe

LANGE VYK Lathe

Turning length 1050 mm

Turning max: 560 mm

Turning slide: 300mm

Bore: 60mm

Number of speeds 4

Speed from N= 500 rpm

Speed till N= 2000 rpm

Electric connection 400 V

**Item number:** 786355, **Manufacturer:** LANGE, **Model / Type:** VIK, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 3,000 x 950 x 1,965 mm, **weight approx.:** 3,600 kg



### ■ ELB SW10 Surface Grinding Machine

ELB SW10 Surface Grinding Machine  
German manufacture  
Electric and manual hydraulic machine

Magnetic table 900mm x 350mm

Courses:

X: 950mm

Y: 450mm

Z: 500mm

With water tank, two grinding wheel flanges, leveling feet

**Item number:** 786358, **Manufacturer:** ELB, **Model / Type:** SW10, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **weight approx.:** 4,000 kg, **dimensions (l x w x h) approx.:** 2,800 x 2,000 x 2,200 mm



### ■ ANAYAK Universal Milling Machine

ANAYAK Universal Milling Machine

Double head rotation

Table dimensions: 1224 x 250mm

Courses:

X:

750mm

Y:

470mm

Z:

450mm

W:

640mm

**Item number:** 786357, **Manufacturer:** ANAYAK, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,920 x 1,930 x 2,320 mm, **weight approx.:** 1,500 kg



### ■ HOLKE F 10 V Universal Milling Machine

HOLKE F 10 V Universal Milling Machine

Digital Readout 3 axes

Travel: 650x400x400

Spindle-speed: 67-2300rpm

Table: 1120x250mm

Milling depth: 120mm

Tilttable and rotatable milling-head

Automatic feed

**Item number:** 786356, **Manufacturer:** HOLKE, **Model / Type:** F 10 V, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,790 x 1,850 x 2,400 mm, **weight approx.:** 1,500 kg



### ■ STANKO KN (ex-URSS) 16K25 Lathe

STANKO KN (ex-URSS) 16K25 Lathe

Center Height - 250 mm

Max. Length of Job - 1400 mm

Max. Diameter over cross-slide - 290 mm

Chuck Diameter - 250 mm

Spindle Speeds - 12.5 rpm to 1600 rpm

Bed Width - 410 mm

**Item number:** 786354, **Manufacturer:** KN (EX-URSS), **Model / Type:** 16K25, **Year of manufacture:** 1980, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 3,060 x 1,150 x 1,450 mm, **weight approx.:** 2,500 kg



### ■ VIKING Universal Milling Machine

VIKING Universal Milling Machine

Digital readout 3 axes

x:590 mm

y:210 mm

z:425mm

Table surface area 950x230 mm

total power requirement 2 kW

spindle turning speed range automatic 18: 31,5 - 1000 U/min

tool taper: SK 40

**Item number:** 786359, **Manufacturer:** VIKING, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,350 x 1,540 x 1,920 mm, **weight approx.:** 1,200 kg



### ■ SYDERIC S 13 SYDERIC S 13 Bench Drilling Machine (2x)

SYDERIC S 13 Bench Drilling Machine (2x)

no. 39800

no. 39801

capacity: 13 mm

number of speeds: 5

speed from N=: 470 rpm

speed till N=: 4200 rpm

electric connection: 400 V

**Item number:** 786353, **Manufacturer:** SYDERIC, **Model / Type:** S 13, **Item available from:** Immediately, **Item condition:** unchecked, **Delivery terms:** FCA Amieira, Marinha Grande, loaded on truck, **Payment terms:** 100% payment prior to collection, **dimensions (l x w x h) approx.:** 1,200 x 870 x 1,885 mm, **weight approx.:** 450 kg