

LIST OF MACHINES

MASCHINENPARK / PARC MACHINES

1/ LATHES / DREHBÄNKE / TOURS



CENTRE LATHE GIANA GFS 14

Centres distance: 5000/6500 mm

Sliding bed

Bed gap length: 1500 mm

Ø in bed gap: 2250 mm

Ø above bed: 810 mm

Ø above carriage: 600 mm

Ø of the main spindle: 140 mm

Power: 60 kW



CENTRE LATHE MONFORTS KNC 10S/4000

Centres distance: 3950 mm

Ø above bed: 1100 mm

Ø above carriage: 815 mm

CNC: MONFORTS Control System

Euro Turn

Power: 56 kW



CENTRE LATHE MEUSER M IV S

Centres distance: 3000 mm

Ø above bed: 1050 mm

Ø above carriage: 750 mm

Power: 15 kW

Visual display of: 3 axis



CENTRE LATHE CAZENEUVE HD 660

Centres distance: 3000 mm

Ø above bed: 660 mm

Ø above carriage: 400 mm

Power: 15 kW

CNC: SIEMENS Shop Turn

Automatic turret

VDI 40 - 8 tools

VERTICAL TURNING MILL PENSOTTI

Ø of the Table: 1250 mm

Maximum turning Ø: 1570 mm

Maximum turning height: 1100 mm

Visual display of: 2 axis



VERTICAL TURNING MILL SCHIESS KZ 250

Ø of the Table: 2500 mm

Maximum turning Ø: 2700 mm

Maximum turning height: 1540 mm

Double column: Right: CNC / Left:
conventional

Table load capacity: 8000 daN

CNC: HEIDENHAIN Manual Plus 4110

Power: 56 kW

2/ BORING & MILLING MACHINES / WAAGERECHE BOHR-UND FRÄSMASCHINEN / ALESEUSES



MACHINING CENTRE SIGMA-ZENIT 6 M

Vertical centre

X-Y-Z axis: 1600 x 600 x 685 mm

Max Spindle speed: 12000 t/mn

Power: 25 KW

Tool storage capacity: 41 outils

Table load capacity: 2 t

CNC: HEIDENHAIN 425 M



BORING & MILLING MACHINE FOREST P 125 PO

Spindle Ø: 125 mm

W travel: 800 mm

X travel: 2500 mm

Y travel (vertical): 1610 mm

Z travel (longitudinal): 2000 mm

Swing table: 2000 x 2300 mm

Shaft position encoder: 36 000 pts

Face slide plate: D'ANDREA Ø 700

CNC: HEIDENHAIN ITNC 530

Table load capacity: 15 t

3/ GRINDING MACHINES / SCHLEIFMASCHINEN / RECTIFIEUSE

GRINDING MACHINE TOS

Surfaces: Cylindrical grinder, outer & internal

Ø: 300 x 1500 mm

4/ MILLING & BORING MACHINES / FRÄS UND BOHRMASCHINEN / FRAISEUSES-ALESEUSES



MILLING & BORING MACHINE ANAYAK HVM-9000-PC

Bed milling machine with moving column

X-Y-Z travels: 8800 x 3000 x 1500 mm

Miling Head: Orthogonal - Auto-indexing

Spindle power: 38 Kw

Automatic Tool changer: 30 tools

CNC : HEIDENHAIN iTNC-530



MILLING & BORING MACHINE RIVOLTA FAMM 5000 NC

**Bed milling machine with moving
column**

X-Y-Z travels: 5000 x 1700 x 1200 mm

Spindle power: 30 Kw

CNC: ECS 2101



MILLING & BORING MACHINE RIVOLTA FBF 5000

**Bed milling machine with moving
table**

X-Y-Z travels: 5000 x 1000 x 1500 mm

Spindle power: 25 Kw

CNC: ECS 2301



MILLING & BORING MACHINE HURON SXB 833

Bed milling machine with moving table

X-Y-Z travels: 3000/1000/1000 mm

Spindle power: 25 kW

CNC: NUM 750 3 axis

HURE head

MILLING MACHINE VERNIER FV 380

Axis X-Y-Z: 110 x 380 x 660 mm

Visual display of 3 axis

5/ SLOT MACHINES / STOSSMASCHINEN / MORTAISEUSES

SLOT MACHINE KOMMHYAP

Passage Ø: 960 mm

Slide stroke: 220 mm



GROOVING MACHINE WGW Type HKZ

Grooving through the bore

Maximum keyway width: 90 mm

Maximum keyway length: 680 mm

Overall external Ø of the part: 5990 mm



6/ DRILLING MACHINES / BOHRMASCHINEN / PERCEUSES

RADIALL DRILL MACHINE G.S.P

Capacity: Steel = Ø 60 mm - Cast iron Ø 70 mm

Swept range 1400 mm

SENSITIVE DRILL CINCINNATI NE 223 V Ø 13 mm

SENSITIVE DRILL CINCINNATI with threading head

SENSITIVE DRILL CINCINNATI PB 30 Ø 13 mm

7/ SAWS / SÄGEN / SCIES

SAW KASTO UB5

Alternative

Automatic feed - Maximum Ø 300 mm

SAW KASTO

Alternative

Automatic feed - Maximum Ø 320 mm

CROSSCUT SAW

Maximum Ø 360 mm

8/ WELDING / SCHWEISSEN / MECANO-SOUDURE

ARC WELDING OUTFIT SAF SAFARC BI: Electrode up to Ø 6 mm

ARC WELDING OUTFIT SAF SAFEX C2: Electrode up to Ø 8 mm

SEMI-AUTO OUTFIT SAF SAFMIG 600S: Wire up to Ø 1,6 mm

SEMI-AUTO OUTFIT MIGATRONIC MIG 545: Wire up to Ø 1,6 mm

WELDING OUTFIT TIG MIGATRONIC HFP 201: Inert gas

GAS CUT & HEATING STANDS (NB 2): Torches



9/ MOUNTING / MONTAGE / MONTAGE

Ground surfaces

Assembly shop 20 t: 25 m x 10 m

Assembly shop 5 t: 15 m x 10 m

Lifting height: 7 m

Handling

Assembly shop 20 t: 20 t

Assembly shop 5 t: 5 t

Marking plates (1 per shop): 4000 mm x 2000 mm

Marking tool with digital display (Nb 1)

Dimensional inspection granite plate: 2500 mm x 1250 mm, Surface evenness 0,01 m

10/ HANDLING MEANS / VERLADEMITTEL / MOYENS DE MANUTENTION

TRAVELLING CRANES ON THE WHOLE SURFACE

HOOK CLEARANCE: On the whole surface: 7 m

MACHINES SHOP 1 (650 m²) East bay: 7 t / West bay: 12,5 t

MACHINES SHOP 2 (250 m²) 16 t

ASSEMBLY HALL 20 t: 20 t

ASSEMBLY HALL 5 t: 5 t

FORKTRUCK FENWICK H 25

Lifting capacity: 2 t

TRAILER GAUSSIN

Loading capacity: 6 t

FLATBED TRUCK IVECO 35 S 11

Carrying capacity: 1,6 t

Flat bed dimensions: 2,10 m x 4 m

11/ MATERIALS STOCKS / MATERIAL LAGER / SOTCK MATIERES

Important stock in the usual grades, up to Ø 200:

XC 38 - 42 CD 4 - 30 CND 8 - 316 L - 304 L - 4021 etc.