

HJG

BEYOND MACHINING

Machining Partners

 **Matsuura** USA

 **MAKINO**

DMG MORI

 **OKUMA**

 **FAMAR**

 **EMAG**

 **Muratec**

 **CMZ**

 **elettrorava** S.p.A

 **MASTED ASSEMBLY**
Customized machinery solutions

 **TAKISAWA**[®]

 **HMICHOU**

Horizontal machining center



MORI SEIKI NH6300 DCG

Max.travel XYZ	900 x 800 x 980
Number of machines	4
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
1.050 mm	1.300 mm



MORI SEIKI NH6300 DCGII

Max.travel XYZ	1050 x 800 x 980
Number of machines	2
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
1.050 mm	1.300 mm



MORI SEIKI NHX 4000

Max.travel XYZ	560 x 560 x 660
Number of machines	1
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
630 mm	900 mm



MORI SEIKI NH 4000 DCG

Max.travel XYZ	560 x 560 x 630
Number of machines	1
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
630 mm	900 mm

Horizontal machining center



MAKINO A51 nx

Max.travel XYZ	560 x 640 x 640
Number of machines	1
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
630 mm	900 mm



MAKINO A81 nx

Max.travel XYZ	900 x 900 x 1020
Number of machines	1
Number of palets	8



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
1000 mm	1300 mm



MATSUURA HPLUS 630

Max.travel XYZ	1050 x 920 x 990
Number of machines	1
Number of palets	7



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
1050 mm	1115 mm

Kitamura hx630i

Max.travel XYZ	100 x 800 x 820
Number of machines	2
Number of palets	2



Diámetro máximo de volteo de la pieza	Altura máxima de pieza
1000 mm	1100 mm



CNC Victor V- Center 70



Max.travel XYZ	700 x 480 x 510
Number of machines	1
Number of palets	2



Diámetro máximo de virutas de la pieza	Altura máxima de pieza
460 mm	300 mm



DMG NVX5100

Max.travel XYZ	1050 x 530 x 510
x	1350 x 600 x 510
Number of machines	2



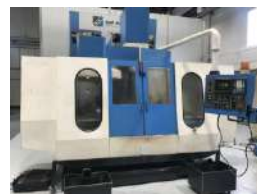
JHONFORD SV-41H

Max.travel XYZ	1050 x 610 x 610
Work area	1200 x 600 x 610
Number of machines	2



JONHFORD 3V-45H

Max.travel XYZ	1050 x 610 x 610
Work area	1200 x 600 x 610
Number of machines	2



JONHFORD VMC-1120A

Max.travel XYZ	1050 x 610 x 610
Work area	1200 x 600 x 610
Number of machines	2



OKUMA MULTUS U3000

Maximum turning diameter Ø	Ø650
Axis travel	1500
Number of machines	1



OKUMA 2SP-V920EX

Maximum turning diameter \emptyset	920
Axis travel	860
Number of machines	2

OKUMA 2SP-V760EX

Maximum turning diameter \emptyset	760
Axis travel	770
Number of machines	2

LEALDE TCN24

Maximum turning diameter \emptyset	980
Axis travel	2000
Number of machines	1



Mori seiki nl3000

Maximum turning diameter \emptyset	995
Axis travel	820
Number of machines	2





Muratec ML 400L T2 G

Maximum turning diameter \emptyset	200
Axis travel	390
Number of machines	2



Muratec MW120 GT

Maximum turning diameter \emptyset	165
Axis travel	145
Number of machines	2



Muratec MW12

Maximum turning diameter \emptyset	120
Axis travel	75
Number of machines	1



Famar Tandem 200

Maximum turning diameter \emptyset	850
Axis travel	265
Number of machines	7



Hwacheon HI-TECH 300

Maximum turning diameter \emptyset	380
Axis travel	800
Number of machines	2



Hwacheon vt550/25P

Maximum turning diameter \emptyset	650
Axis travel	700
Number of machines	2



Takisawa TT2100

Maximum turning diameter \emptyset	240
Axis travel	136
Number of machines	1



Masted Assembly MTRH/2TRI-H6/UTM-16

Maximum turning diameter \emptyset	240
Axis travel	136
Number of machines	1



CMZ tc35y

Maximum turning diameter \emptyset	550
Axis travel	1416
Number of machines	1



CMZ tc35m

Maximum turning diameter \emptyset	550
Axis travel	1416
Number of machines	1



CMZ TL20MS

Maximum turning diameter \emptyset	430
Axis travel	730
Number of machines	2



CMZ TBI480

Maximum turning diameter \emptyset	480
Axis travel	590
Number of machines	2



Hexagon global

Max.travel XYZ	1600 x 1000 x 700
Number of machines	4



Profilometer
MarSurf CD140-280



Optical profileometer
Vici Vision

-Broacing process



KARL KKN KLINK

Max. Stroke	1600
Min. Storke	630
Number of machines	1

RISZ 16 x 1600

Max. Stroke	1500
Min. Storke	630
Number of machines	1



-Splining machines



TDS IDIMA

Max. Stroke	1500
Min. Storke	630
Number of machines	1

Zykes

Max. Stroke	1500
Min. Storke	630
Number of machines	1





SCHENCK

Max. Stroke	
Min. Stroke	
Number of machines	3



ERLO SG - 18

Advance	Automatic
Work Area	825 x 386
Number of machines	1



IBARMA TL 25

Advance	Handbook
Work Area	270 x 270
Number of machines	1

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