

C.B.Ferrari

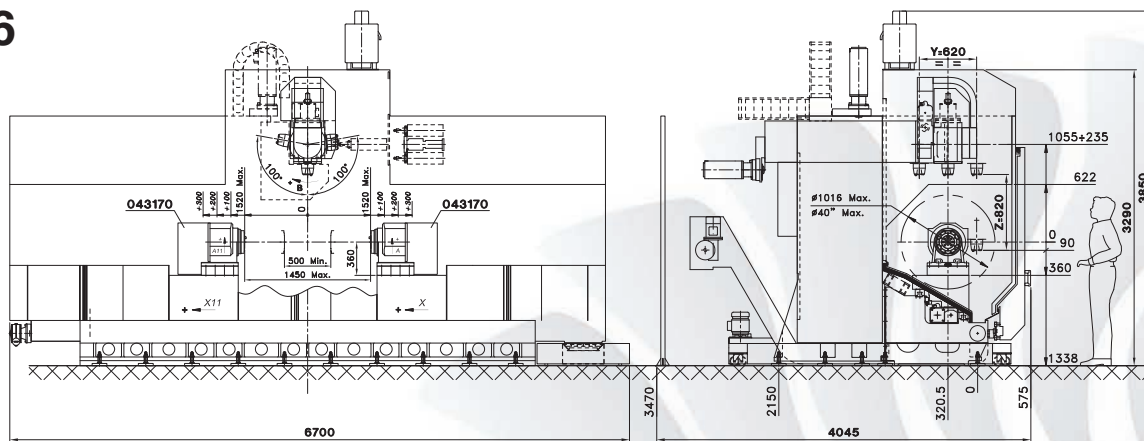


- NUOVA CONFIGURAZIONE ASSI / *NEW AXIS CONFIGURATION*
- PRESTAZIONI INCREMENTATE / *INCREASED PERFORMANCE*
- MAGGIORE EFFICIENZA / *GREATER EFFICIENCY*
- ELEVATE PRECISIONI DI LAVORAZIONE / *HIGH PRECISION MILLING*
- GRANDE FLESSIBILITA' / *HIGH FLEXIBILITY*

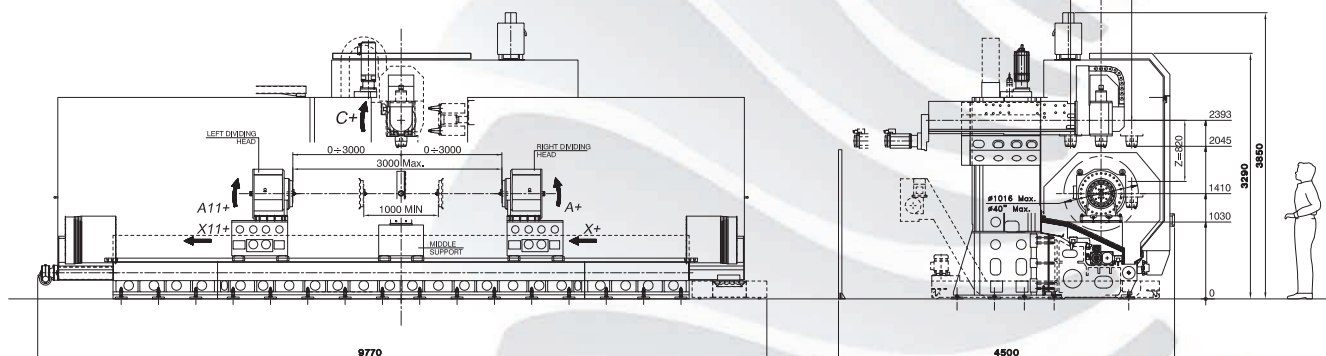
**CENTRI DI LAVORO
MACHINING CENTERS**

Serie N

N516



N530



CARATTERISTICHE TECNICHE – TECHNICAL SPECIFICATIONS

CORSE – SLIDE TRAVELS

			N516	N530
Longitudinale – Longitudinal	X	mm	2580	3000
Trasversale – Cross	Y	mm	620	820
Verticale – Vertical	Z	mm	820	820
Longitudinale secondario– Secondary longitudinal	X11	mm	2580	3000
Rotante – Rotary	A	°	360	360
Rotante secondario– Secondary rotary	A11	°	360	360
Tiltante (testa) – Tilting (head)	C	°	+/- 100	+/- 100

VELOCITA' ASSI – AXES SPEED

Assi lineari – Linear axes	X Y Z X11	m/min	45	45
Assi rotanti – Rotary axes (Divisori – Dividing Units)	A A11	RPM/Nm	160/1200	160/2890
(Testa inclinevole – Tilting head)	C	RPM	11	11

CAMPO DI UTILIZZO – WORKING RANGE

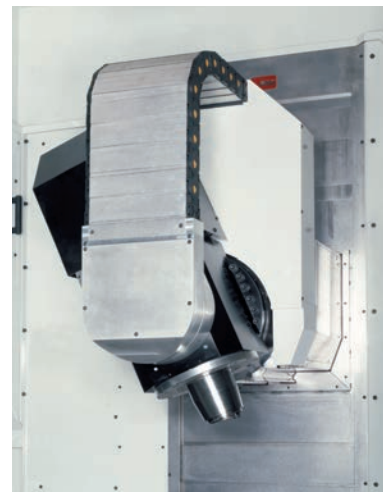
Distanza tra i centri – Center distance	mm	500 ÷ 1450	1000 ÷ 3000
Diametro di rotazione – Swing diameter	mm	1016 (40") max	1016 (40") max

DIMENSIONI E PESI – WEIGHT AND DIMENSIONS

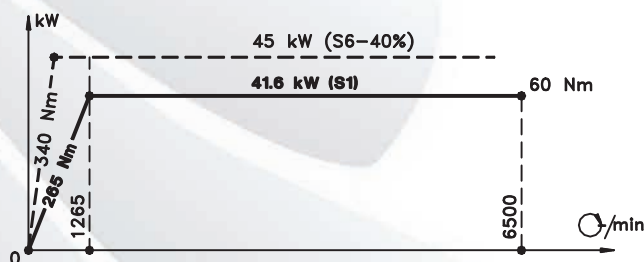
Misure di passaggio – Passage measures	m	6,5x2,4x3,5h	9,0x2,5x3,5h
Peso netto – Net weight	kg	20.000	27.000

TESTE ELETTROMANDRINO – *ELECTRO SPINDLE HEADS*

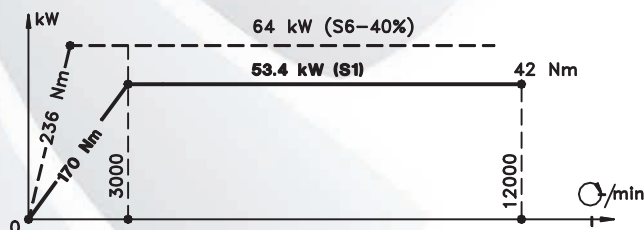
6.500 RPM – ISO V45 – 41/45 kW – 265/340 Nm	Type 051554
6.500 RPM – ISO V50 – 41/45 kW – 265/340 Nm	Type 050489
12.000 RPM – ISO V50 – 53/64 kW – 170/236 Nm	Type 050476
16.000 RPM – HSK A63 – 53/64 kW – 170/236 Nm	Type 051558
16.000 RPM – HSK A63 – 24/29 kW – 190/230 Nm	Type 050494
16.000 RPM – ISO V45 – 53/64 kW – 170/236 Nm	Type 051551

Cuscinetti a sfere ceramiche – *Ceramic ball screws*Lubrificazione a grasso – *Grease lubrication*Refrigerazione a liquido – *Liquid cooler system*

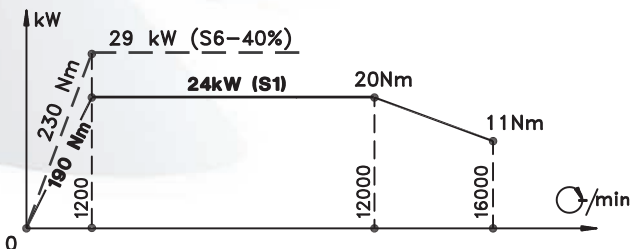
6500 RPM
41/45 kW
265/340 Nm



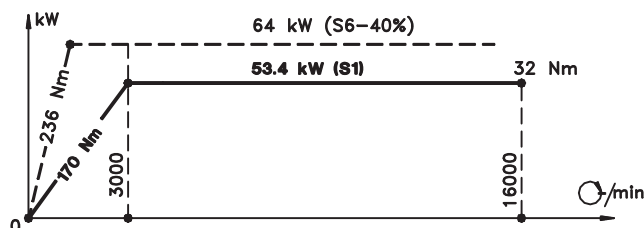
12000 RPM
53/64 kW
170/236 Nm



16000 RPM
24/29 kW
190/230 Nm



16000 RPM
53/64 kW
170/236 Nm





N516

TESTA INCLINEVOLE CONTINUA ELETTROMANDRINO 16.000 RPM

DIVISORE 1 ASSE DESTRO 160 RPM

DIVISORE 1 ASSE SINISTRO 160 RPM CON ATTREZZO 033495

MAGAZZINO A CATENA 36 POSIZIONI CON BRACCIO DI SCAMBIO



N516

CONTINUOUS TILTING HEAD WITH ELECTROSPINDLE 16.000 RPM

1 AXIS DIVIDING HEAD RIGHT 160 RPM

1 AXIS DIVIDING HEAD LEFT 160 RPM WITH DEVICE 033495

36 POSITIONS CHAIN MAGAZINE WITH EXCHANGER ARM

ACCESSORI - ACCESSORIES



MAGAZZINO UTENSILI TOOL MAGAZINE

N516 N530
(standard)

Con braccio di scambio a doppia presa

Double gripper exchanging arm

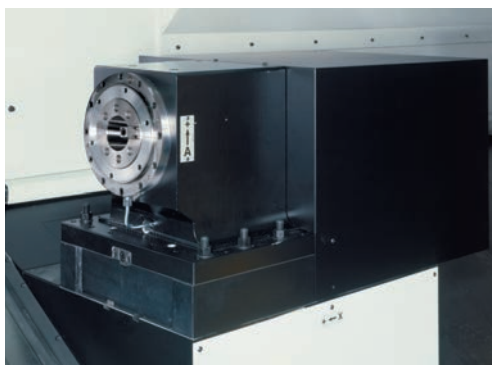
Numero di utensili - *Number of tools:*

Dimensioni max. utensile

Max. tool dimensions:

Peso utensile - *Tool weight:*

	36	36
mm	Ø 100	Ø 100
mm	400	400
Kg	6	6



DIVISORE 1 ASSE (destra) 1 AXIS DIVIDING HEAD (right)

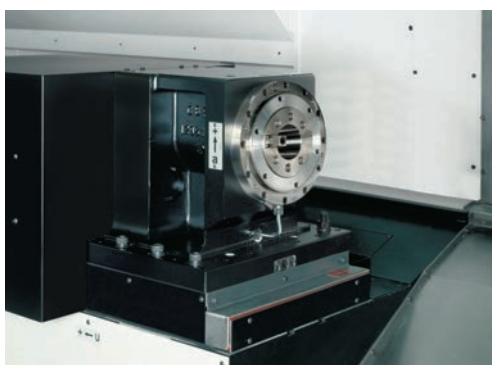
Type 043170 043196

Velocità asse A - *Axis speed*

Coppia lavoro - *Working torque (rated)*

Coppia lavoro - *Working torque (peak)*

RPM	160	160
Nm	1.200	2890
Nm	2.400	5260



DIVISORE 1 ASSE (sinistra) (sincronizzato) 1 AXIS DIVIDING HEAD (left) (synchronized)

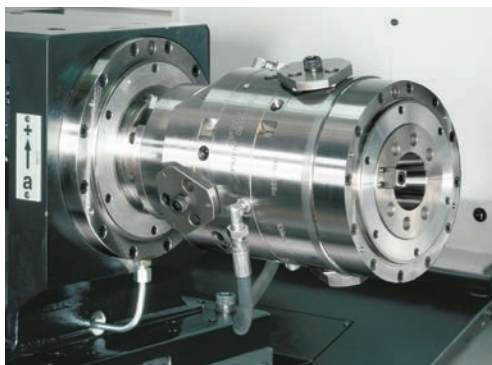
Type 043170 043196

Velocità asse A - *Axis speed*

Coppia lavoro - *Working torque (rated)*

Coppia lavoro - *Working torque (peak)*

RPM	160	160
Nm	1.200	2890
Nm	2.400	5260



ATTREZZATURA DI COMPENSAZIONE DELLE DEFORMAZIONI DOPO SGROSSATURA PALETTE

(Brevetto EPO N° 06425112.7-2302)

Type 033495

COMPENSATION DEVICE FOR DEFORMATION CORRECTION AFTER ROUGHING (Patent EPO N° 06425112.7-2302)

Attrezzature porta pezzi e utensili: richiedere catalogo dettagliato
Tools and pieces fixtures: detailed catalogue on request

Controllo pezzo – *Piece control 2D*

Type 051238

Controllo pezzo – *Piece control 3D*

Type 051240



Apparecchio taratura automatica utensile

Type 033800

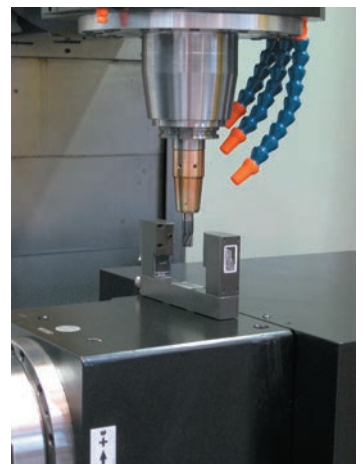
Automatic tool setting device



Apparecchio taratura automatica utensile Laser

Type 033900

Laser automatic tool setting device

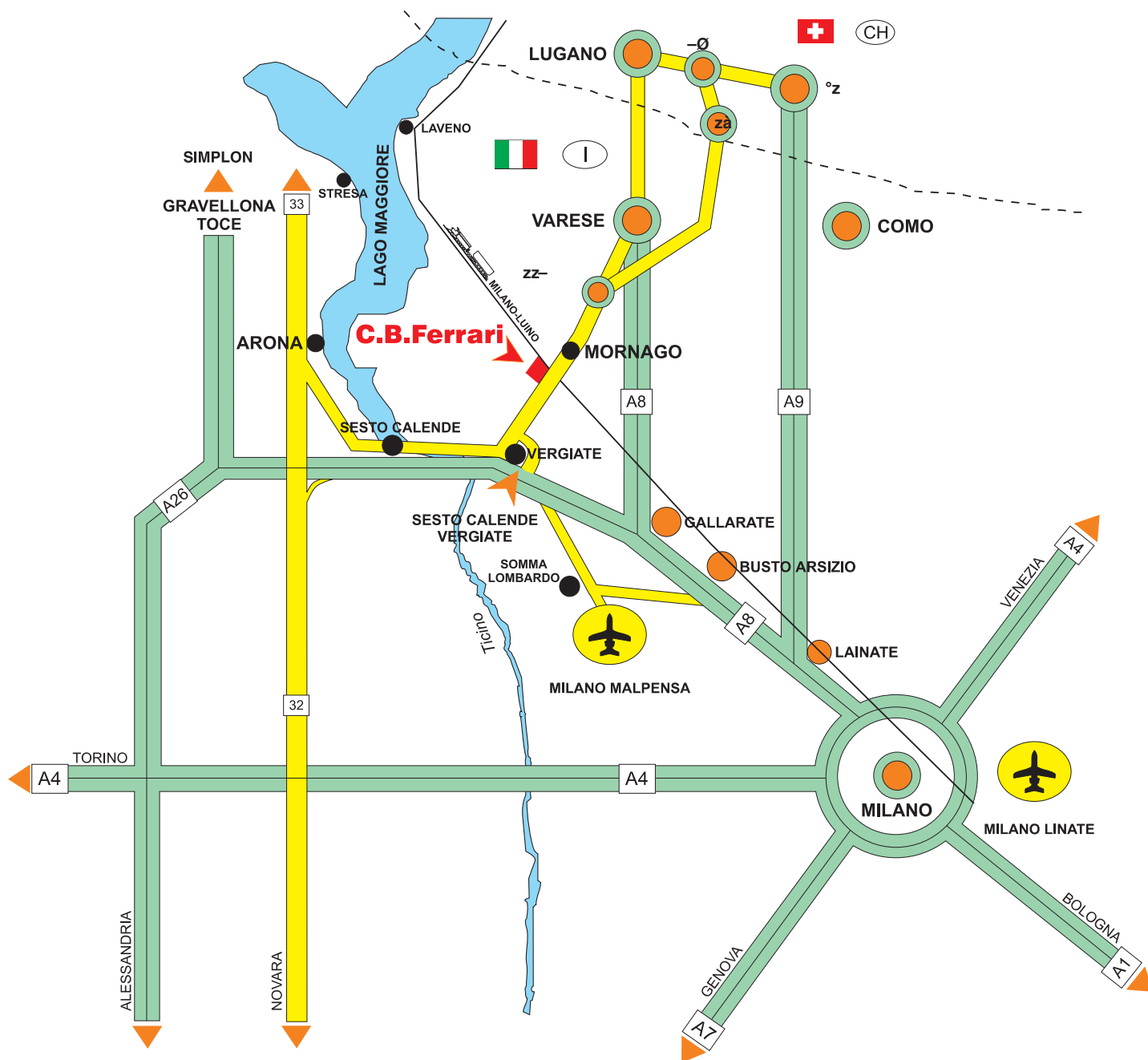


Gruppo lubrorefrigeratore per lavorazione
ad alta velocità (M51)

Type 077030

*Cooling-lubricating system for high
speed milling (M51)*





Caratteristiche e dati tecnici non impegnativi. - All technical specifications are not binding

C.B. Ferrari

S.p.A.

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