

C.B.Ferrari

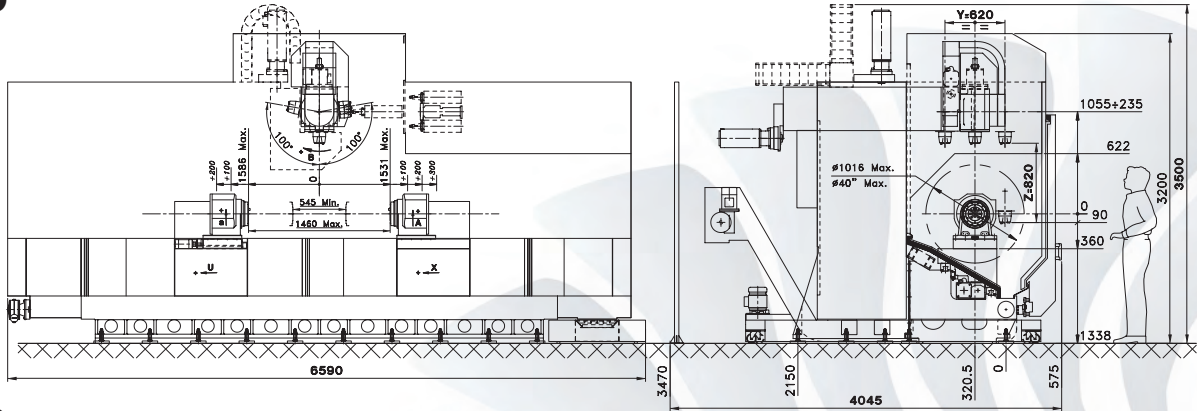


- NUOVA CONFIGURAZIONE ASSI / *NEW AXIS CONFIGURATION*
- PRESTAZIONI INCREMENTATE / *INCREASED PERFORMANCE*
- MAGGIORE EFFICIENZA / *GREATER EFFICIENCY*
- ELEVATE PRECISIONI DI LAVORAZIONE / *HIGH PRECISION MILLING*
- GRANDE FLESSIBILITA' / *HIGH FLEXIBILITY*

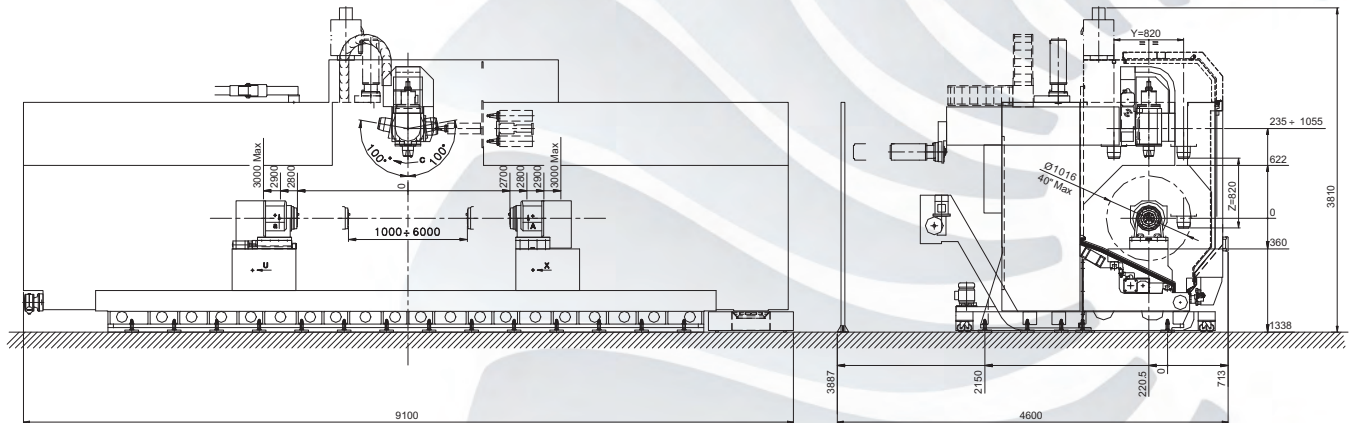
**CENTRI DI LAVORO
MACHINING CENTERS**

Serie N

N516



N530



CARATTERISTICHE TECNICHE – TECHNICAL SPECIFICATIONS

CORSE – SLIDE TRAVELS

		N516	N530	
Longitudinale – Longitudinal	X	mm	2580	3340
Trasversale – Cross	Y	mm	620	820 (620)
Verticale – Vertical	Z	mm	820	820
Longitudinale secondario– Secondary longitudinal	U	mm	2580	3340
Rotante – Rotary	A	°	360	360
Rotante secondario– Secondary rotary	a	°	360	360
Tiltante (testa) – Tilting (head)	B	°	+/- 100	+/- 100

VELOCITA' ASSI – AXES SPEED

	XYZU	m/min	N516	N530
Assi lineari – Linear axes	XYZU	m/min	45	45
Assi rotanti – Rotary axes (Divisori – Dividing Units)	A a	RPM/Nm	160/1200	160/1200
(Testa inclinevole – Tilting head)	B	RPM	11	11

CAMPO DI UTILIZZO – WORKING RANGE

Distanza tra i centri – Center distance	mm	685 ÷ 1600	1000 ÷ 6000
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

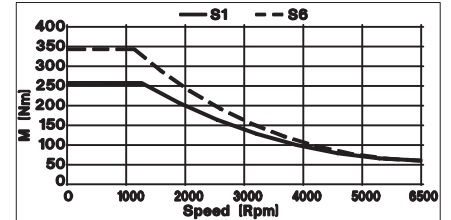
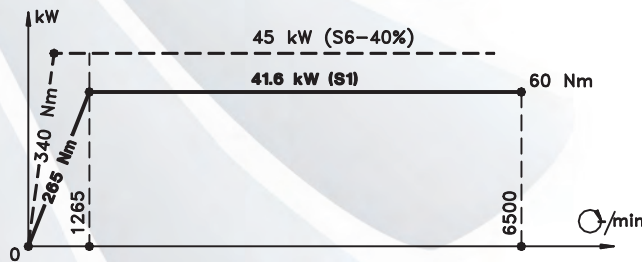
TESTE ELETTRICITÀ - ELECTRO SPINDLE HEADS

- 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 – ISO V45 – 53/64 kW – 170/236 Nm Type 051551

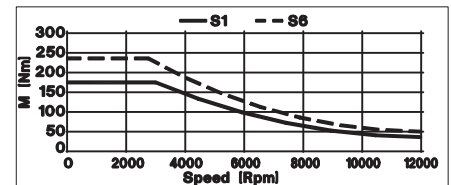
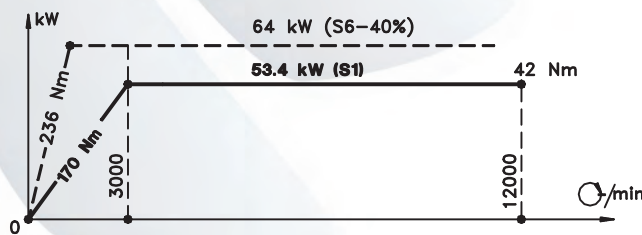
Cuscinetti a sfere ceramiche – *Ceramic ball screws*
 Lubrificazione a grasso – *Grease lubrication*
 Refrigerazione a liquido – *Liquid cooler system*



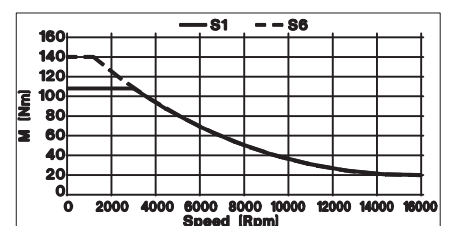
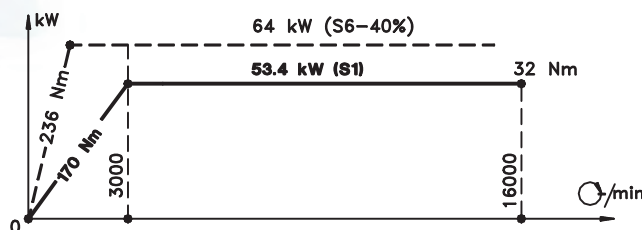
6500 RPM
 41/45 kW
 265/340 Nm

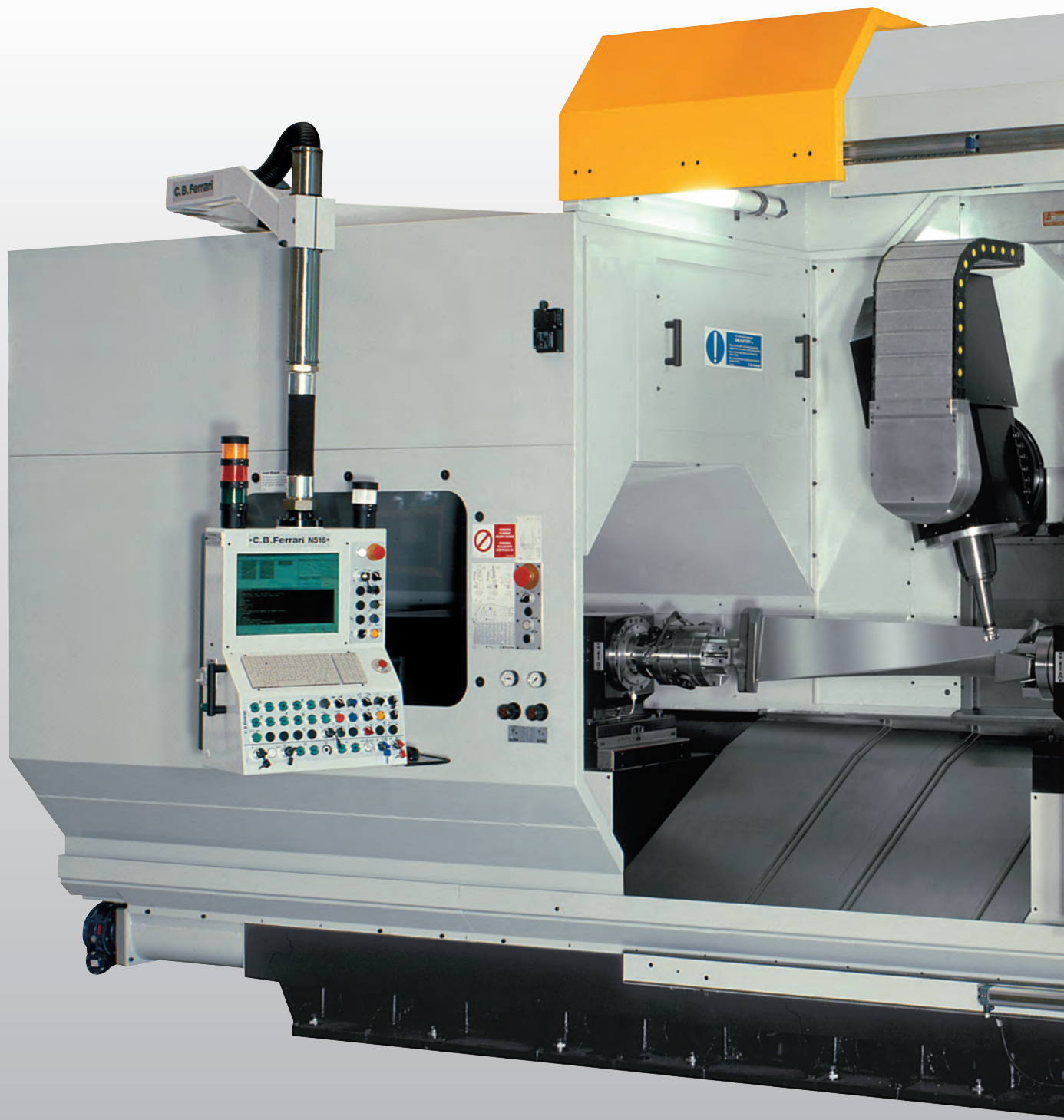


12000 RPM
 53/64 kW
 170/236 Nm



16000 RPM
 53/64 kW
 170/236 Nm





N516

TESTA INCLINEVOLE CONTINUA ELETTRICAMENTE 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

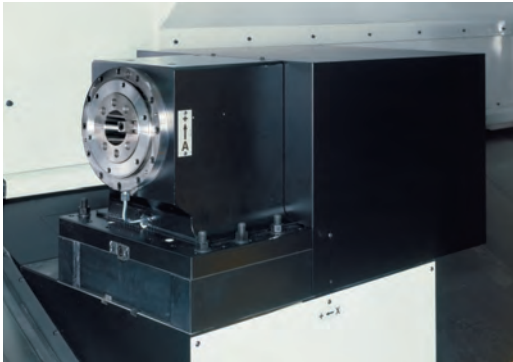
36 POSITIONS CHAIN MAGAZINE WITH EXCHANGER ARM

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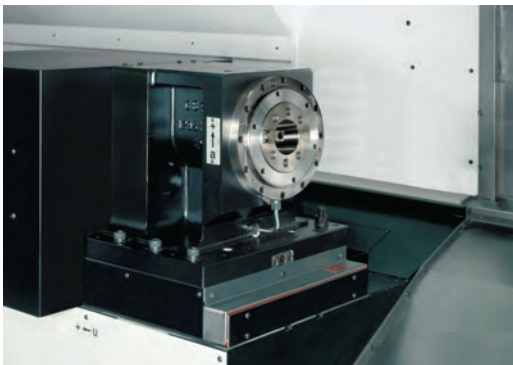
ACCESSORI - ACCESSORIES



MAGAZZINO UTENSILI - TOOL MAGAZINE	(standard)
Con braccio di scambio a doppia presa <i>Double gripper exchanging arm</i>	
Numero di utensili – <i>Number of tools:</i>	36
Dimensioni max. utensile – <i>Max. tool dimensions:</i>	mm Ø 100
	mm 400
Peso utensile – <i>Tool weight:</i>	Kg 6



DIVISORE 1 ASSE (destra) 1 AXIS DIVIDING HEAD (right)	Type	043170
Velocità asse A - <i>Axis speed</i>	RPM	160
Accelerazione - <i>Acceleration</i>	°/s ²	20.000
Coppia bloccaggio - <i>Clamping torque</i>	Nm	1.000
Coppia lavoro - <i>Working torque (rated)</i>	Nm	1.200
Coppia lavoro - <i>Working torque (peak)</i>	Nm	2.400



DIVISORE 1 ASSE (sinistro) (sincronizzato) 1 AXIS DIVIDING HEAD (left) (synchronized)	Type	043170
Velocità asse A - <i>Axis speed</i>	RPM	160
Accelerazione - <i>Acceleration</i>	°/s ²	20.000
Coppia bloccaggio - <i>Clamping torque</i>	Nm	1.000
Coppia lavoro - <i>Working torque (rated)</i>	Nm	1.200
Coppia lavoro - <i>Working torque (peak)</i>	Nm	2.400

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

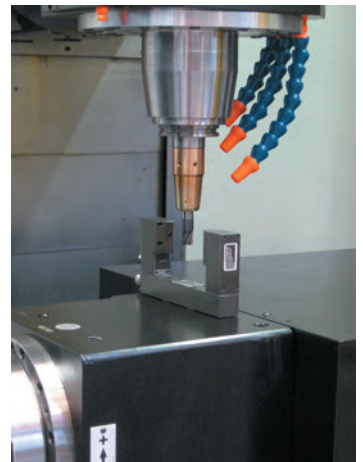
Automatic tool setting device



Apparecchio taratura automatica utensile Laser

Type 033900

Laser automatic tool setting device

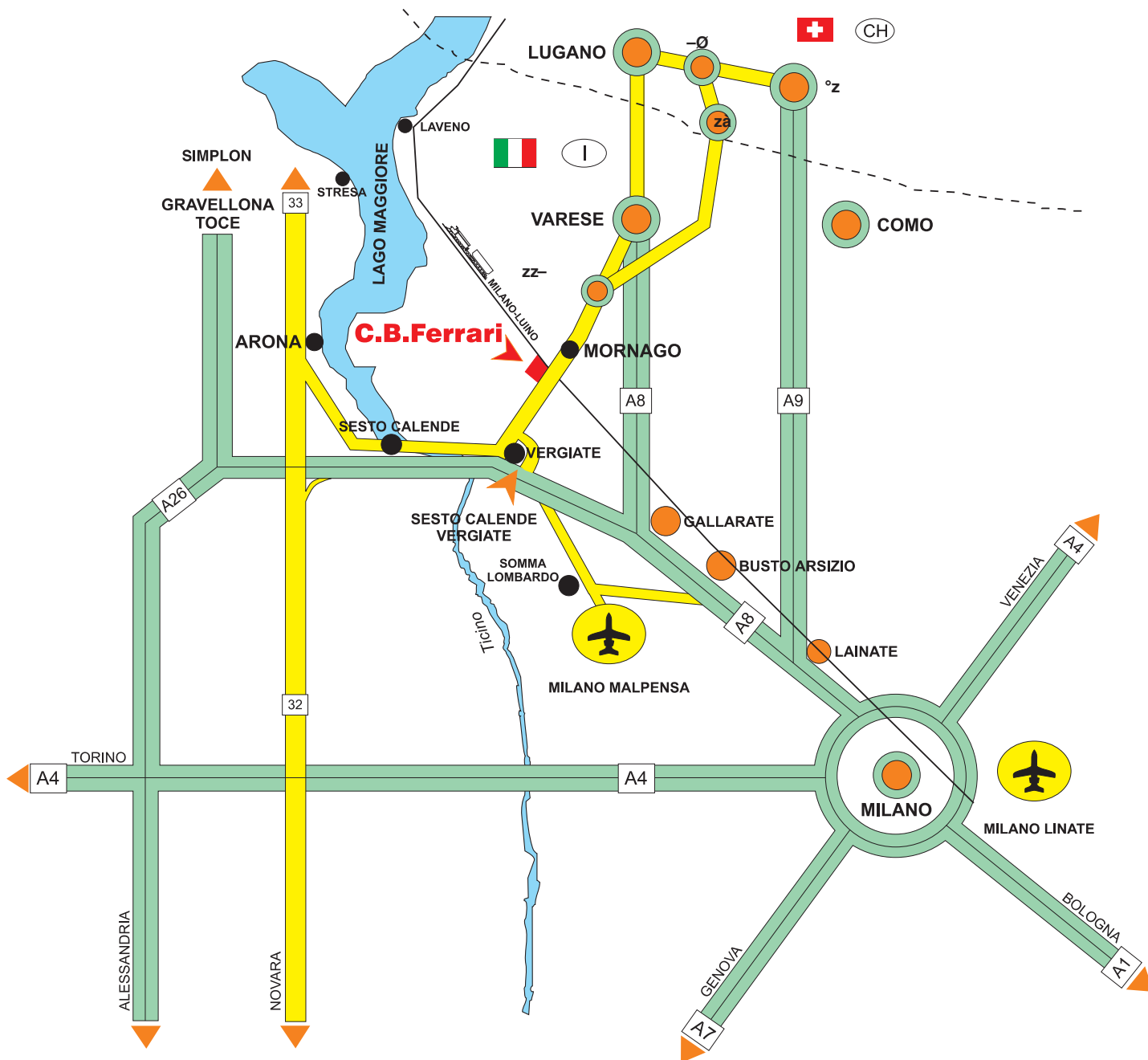


Gruppo lubrorefrigeratore per lavorazione
ad alta velocità (M51)

Type 077030

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





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

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