



TC 5XM

STRENGTH OF INFINITE PRECISION



NUOVA
**BULLERI
BREVETTI**

INDUSTRIAL ART FOR CNC MACHINES
ITALIAN MADE



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STRENGTH OF INFINITE PRECISION

Le macchine a 5 assi che racchiudono in se tutte le caratteristiche di forza, precisione, affidabilità e durabilità del prodotto Nuova Bulleri Brevetti.

Completamente customizzabili sulle esigenze del Cliente sono realizzabili con piano di lavoro fisso e portale chiuso mobile con teste a 5 assi in continuo con o senza barre portaventose.

Sono utilizzate per la lavorazione di elementi in legno, plastica, alluminio e materiali compositi.

Oltre ai modelli a piano fisso vengono realizzate anche versioni a piano mobile con un asse Z molto alto per la realizzazione di modelli in scala 1:1 nei settori automotive, ferroviario e cantieristici. Vengono realizzati inoltre centri di lavoro in esecuzione speciali, di grandi dimensioni, su specifiche esigenze del Cliente.

Las máquinas de 5 ejes que encierran a todas las características de fuerza, precisión, fiabilidad y durabilidad del producto Nuova Bulleri Brevetti.

Totalmente personalizable en las necesidades de los clientes son alcanzables con un plan de trabajo fijo y puente cerrado móvil con cabezas de 5 ejes en continuo con o sin barras y ventosas.

Se utilizan para el procesamiento de madera, plástico, aluminio y materiales compuestos.

Además de los modelos de mesa fija, las versiones de mesa móvil con un eje Z muy alto también se realizan para el trabajo de modelos a escala 1: 1 en los sectores automotriz, ferrocarril y de construcción naval. También se fabrican centros de mecanizado grandes y de tamaño especial para satisfacer las necesidades específicas de los clientes.

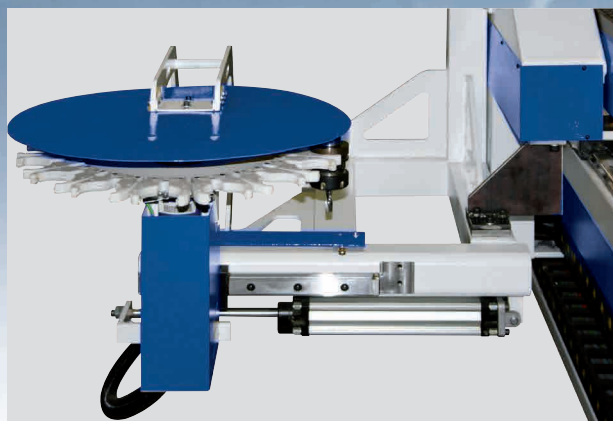
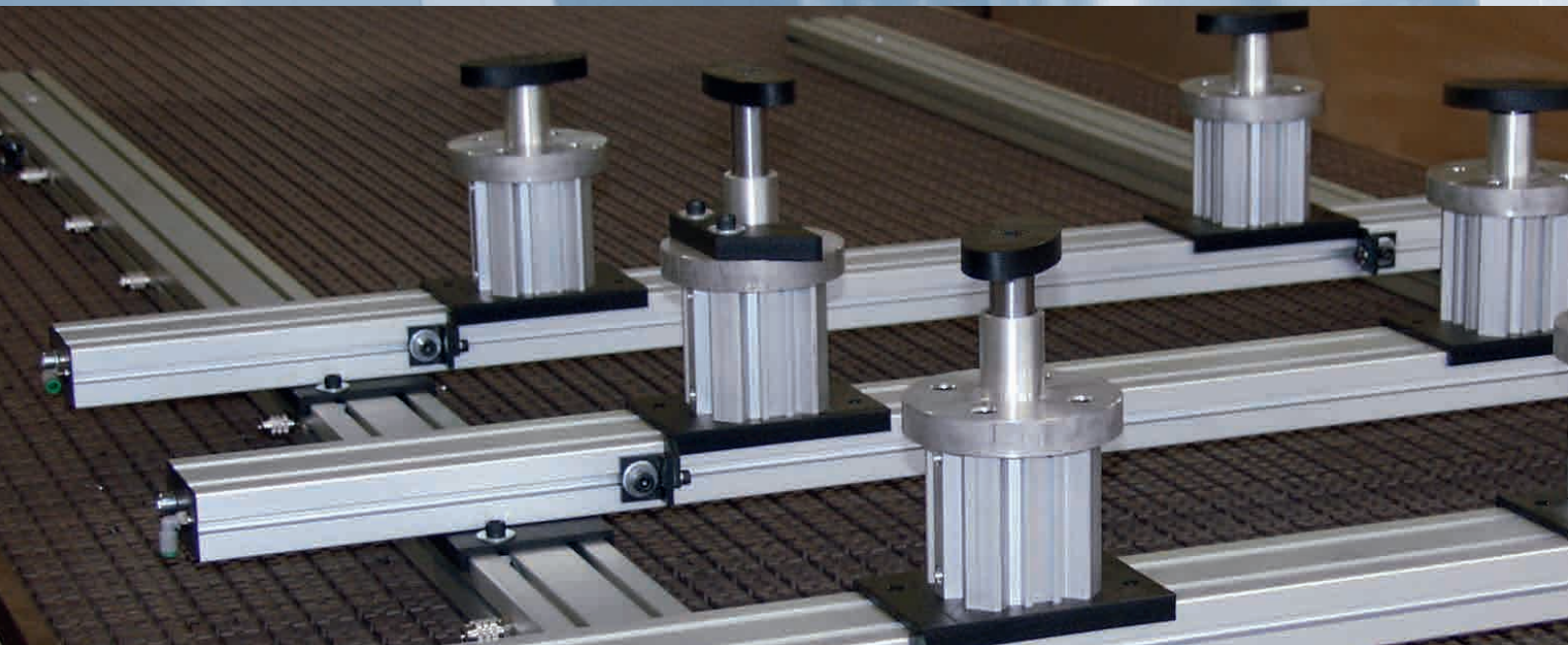
The 5-axis machines that enclose all of them the characteristics of strength, precision, reliability and durability of the Nuova Bulleri Brevetti.

Fully customizable on the needs of the customer are achievable with fixed work plan and mobile closed bridge with 5-axis heads in continuous with or without cup holders.

They are used for the processing of wood, plastic, aluminum and composite materials.

In addition to the fixed table models, mobile worktable versions with a very high Z axis are also realized for the realization of 1: 1 scale models in the automotive, railway and shipbuilding sectors. Specially sized, large machining centers are also manufactured to meet specific customer needs.

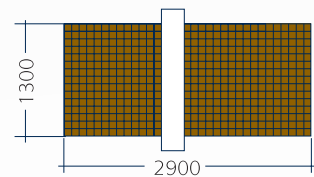
TC 2913 5XM

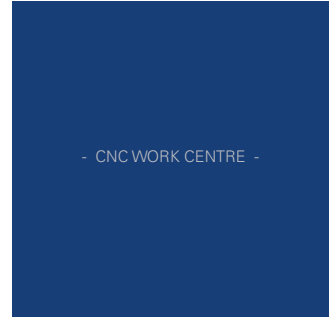
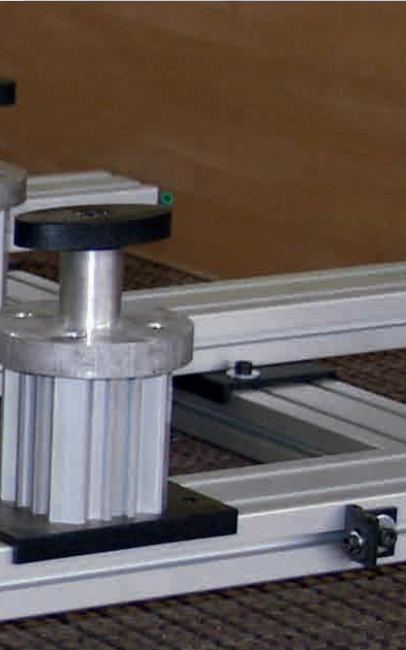


Macchina equipaggiata con piano di lavoro in LPM e ventose ad innesto rapido. Magazzino utensili girevole a 16 posizioni attacco ISO30 o HSK F63.

Machine featuring LPM worktable and quick-coupling suction cups. 16-position revolving type tool magazine with ISO30 or HSK F63 coupling.

Máquina equipada con mesa de trabajo de LPM y ventosas de acoplamiento. Almacén de herramientas giratorio con 16 posiciones, fijación ISO30 o HSK F63.



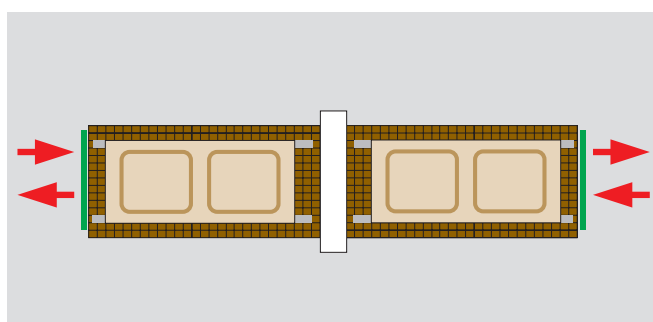


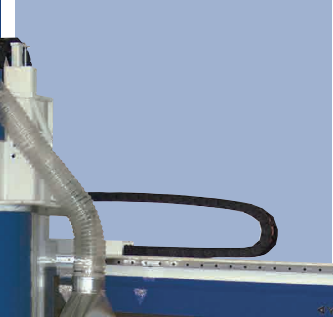
TC 6513 BV 5XM



Arco di finestra bloccato su piano con barre e pressori.
Window arch on table by means of bars and clamps.
Arco de ventana bloqueada en la mesa con barras y prensos.

Schema di carico e scarico di porte tamburate su piano di lavoro.
Loading and unloading diagram relating to double-panelled doors on worktable.
Esquema de carga y descarga de puertas con estructura alveolar en la mesa de trabajo.





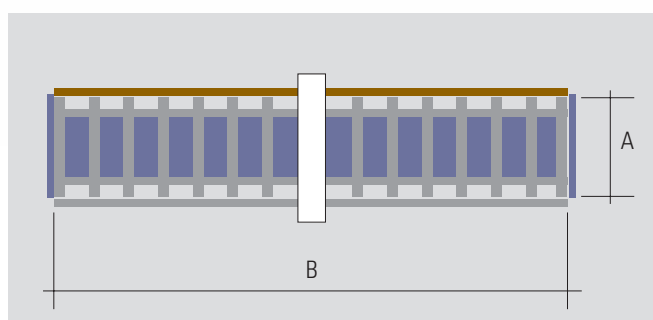
TC 5XM SV



Gruppo barra mobile completo di ventose, elevatore di pannelli e pistone di riferimento. Piani SCHMALZ con esempi di ventose e attrezzature per infissi, telai e di finestre ad arco

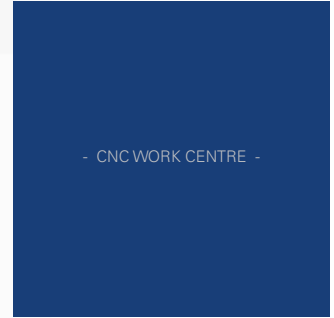
Moving bar unit complete with suction cups, panel elevator and reference piston. Tables SCHMALZ avec exemples de ventouses et outillages pour fermetures, cadres et fenêtres en arc.

Grupo barra móvil provisto de ventosas, elevador de tableros y pistón de referencia. Mesas de trabajo SCHMALZ con ejemplos de ventosas y equipos para marcos, bastidores y ventanas de arco.

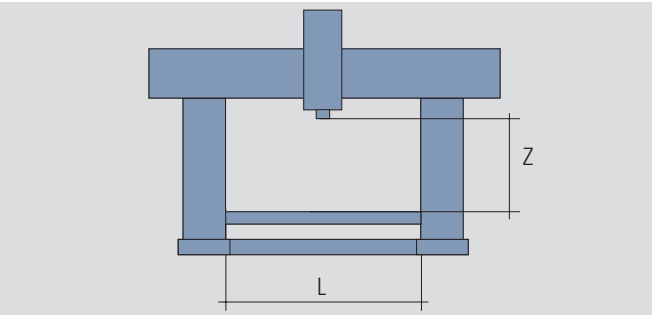
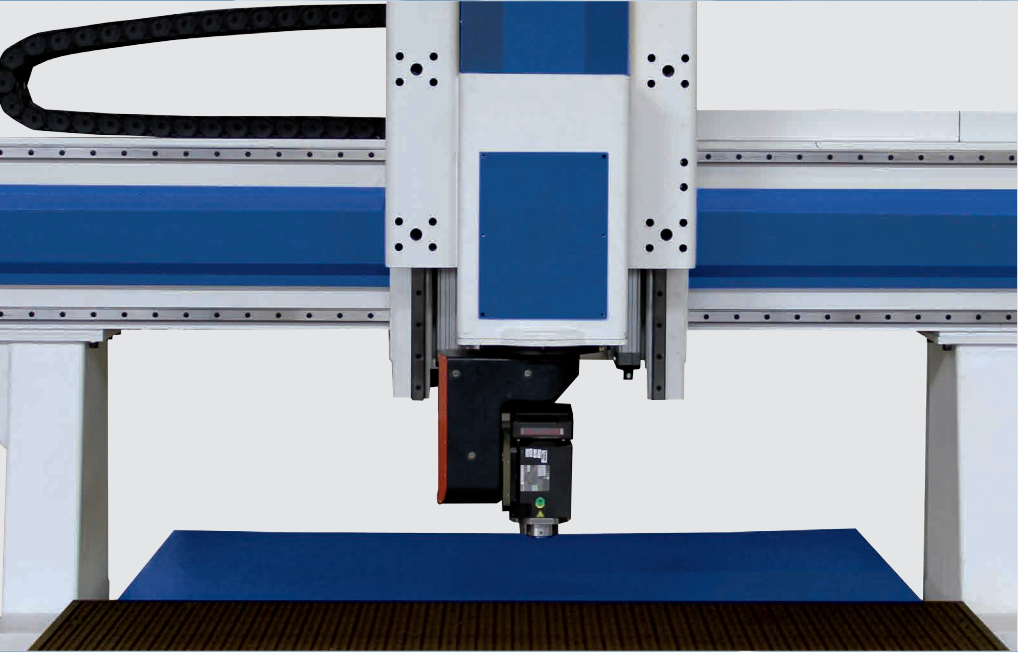


A mm	B mm
1260	2900
1500	3500
-	5500
-	6500





TC 4222 5XM



Z mm	L mm
400	1300
400	1600
500	1600
700	2200
900	3000



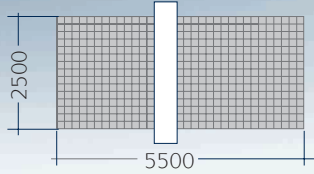


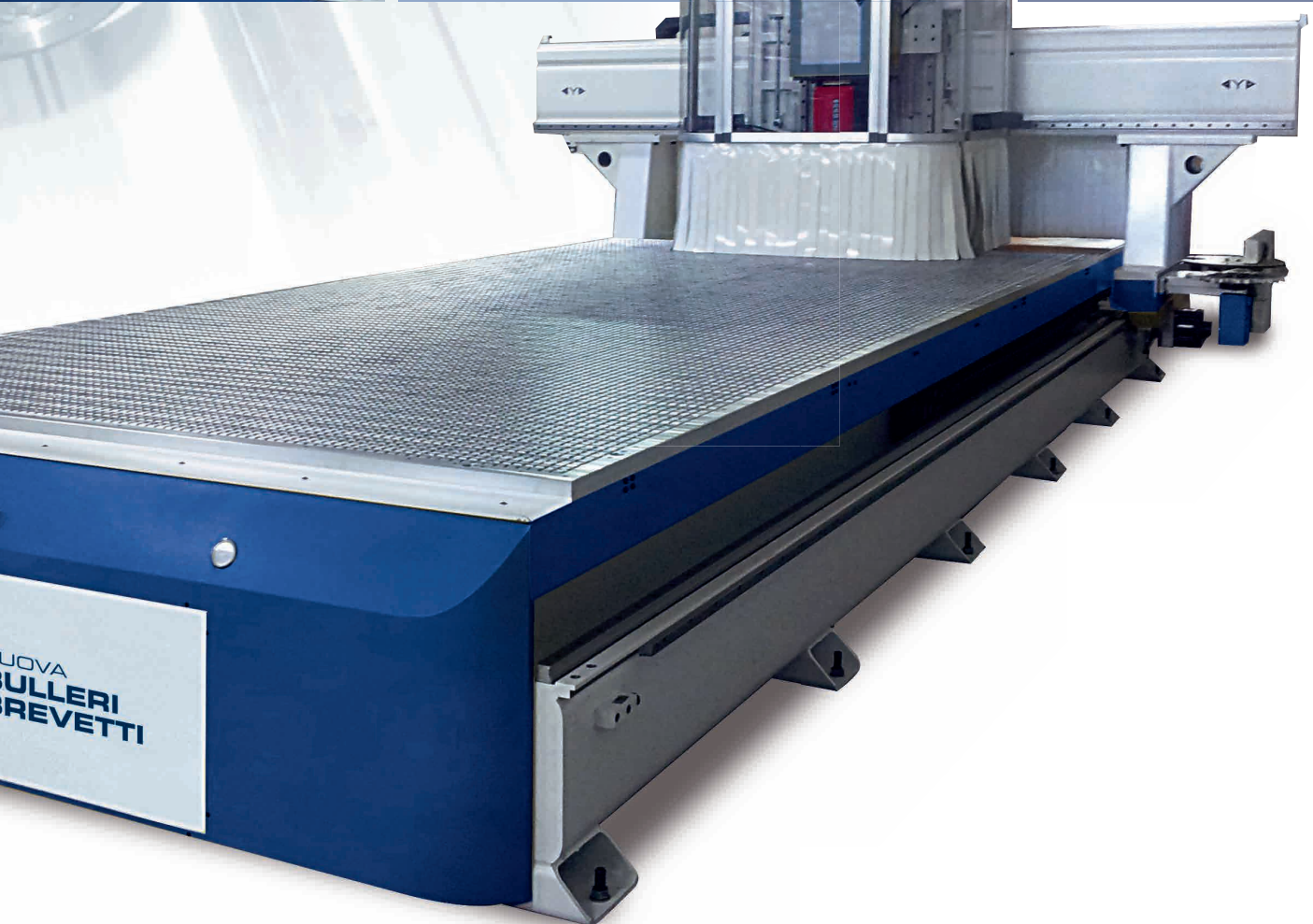
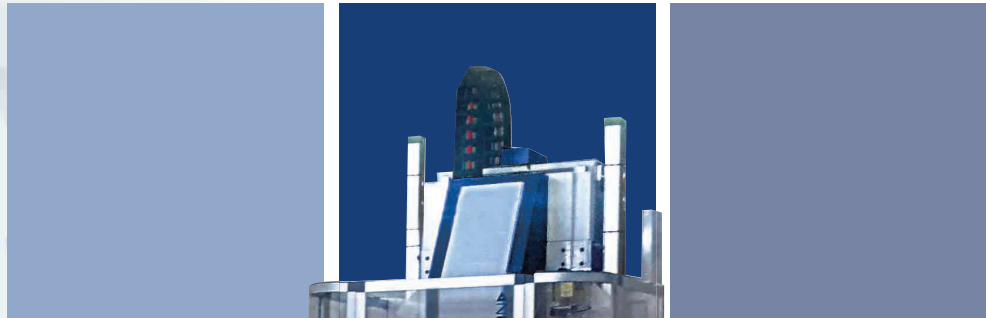
- CNC WORK CENTRE -

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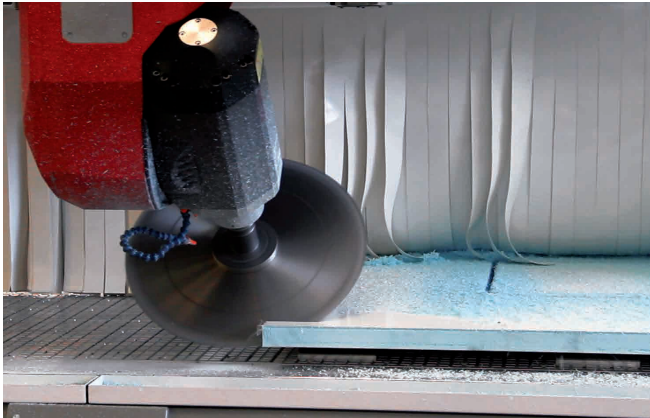
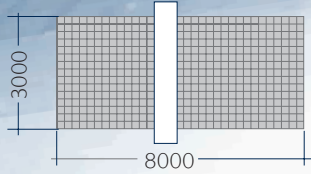
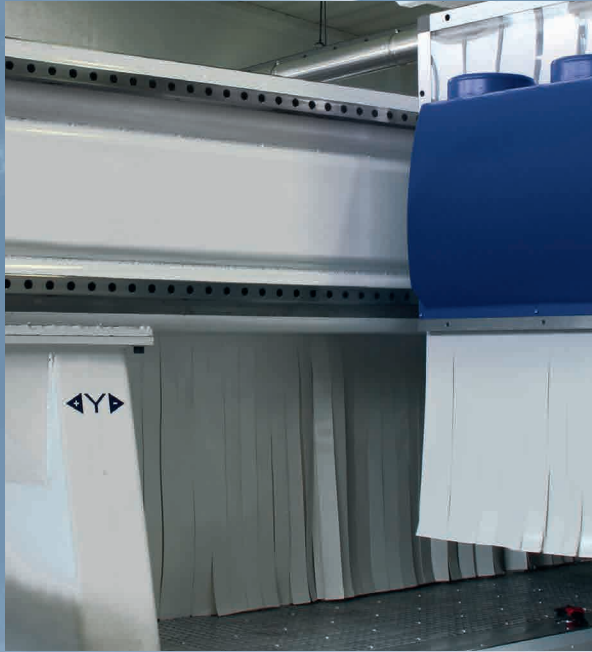
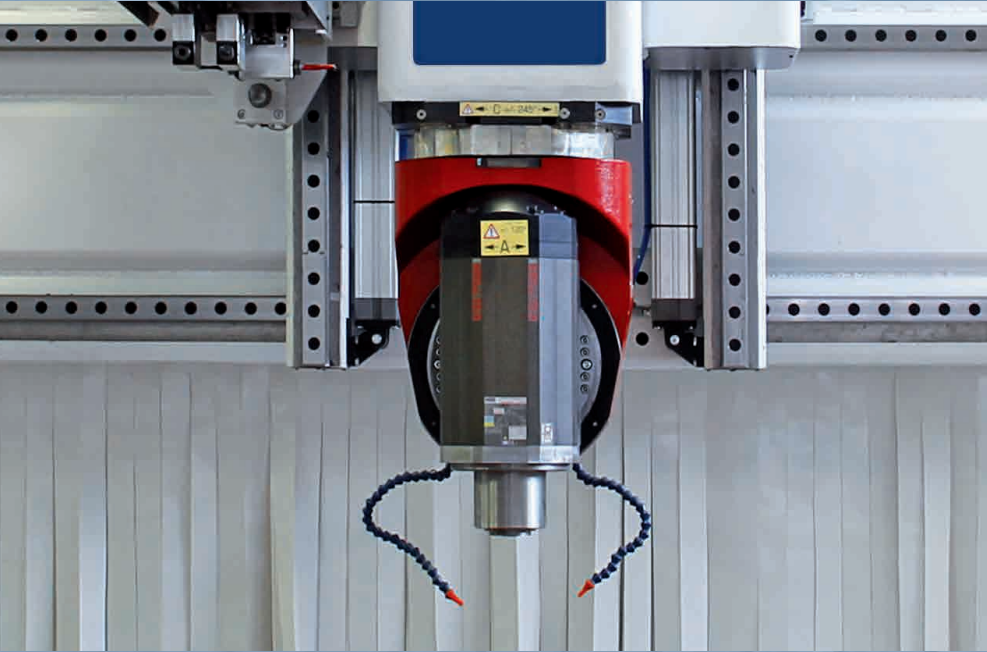
TC 5XM

TC 5525 5XM





TC 8030 5XM



- CNC WORK CENTRE -



TC 8030 5XM



Magazzino utensili a 24 posizioni con copertura antipolvere. Attacco HSK F63

Automatic warehouse by 24 positions with covering to avoid dust chuck collect HSK F63

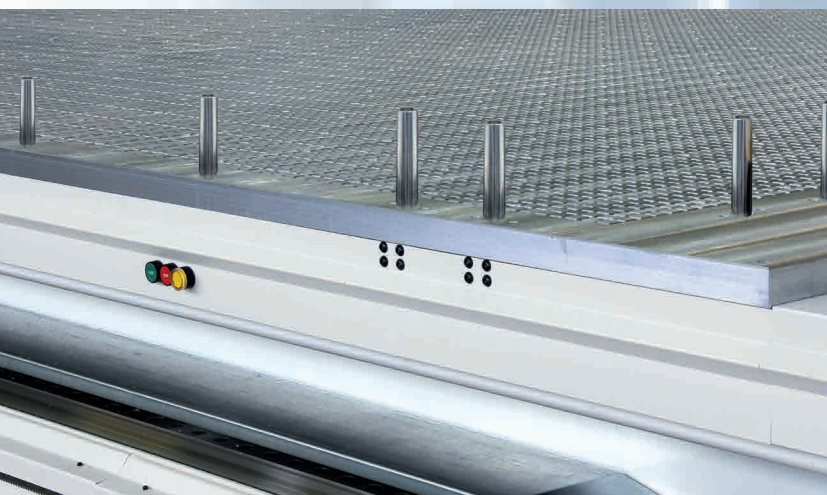
Almacen de herramientas giratorio de 24 posiciones con proteccion antipolvo y sopladores de aire. Ataque HSK F63



Lubrificazione automatica da CNC

Automatic lubrication by CNC

Lubricacion automática desde ordenador



Battute di riferimento pezzo

Reference pistons workpiece

Pistones de referencias piezas



Sistema Gantry sul ponte scorrevole

Gantry system on movable bridge

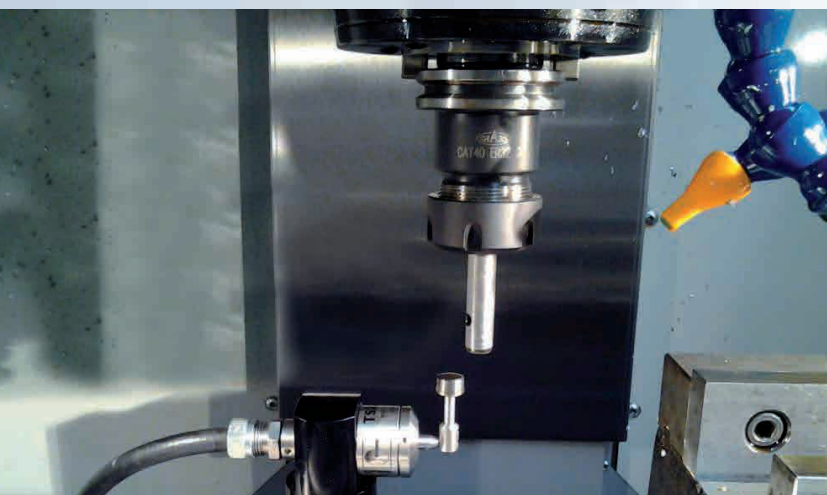
Sistema Gantry para el deslizamiento del puente móvil



Coni e pinze HSK F63

HSK F63 chuck collects

Conos y pinzas HSK F63



Sistema di lubrificazione automatica diretta sull'utensile

Automatic lubrication system on working tool

Sistema de lubricación automática directa sobre la herramienta

OLIMPUS 5XM

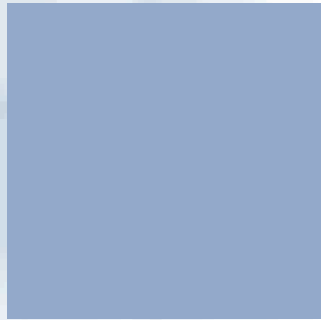
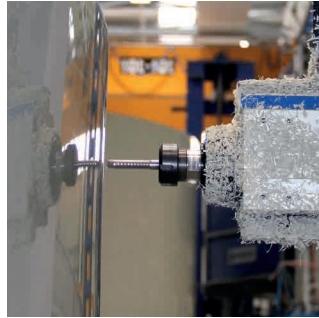


Centro di lavoro di grandi dimensioni in esecuzione speciale su richiesta specifica del cliente, con 8 assi continui per la fresatura, foratura e saldatura di bottali in polipropilene.

Large working center in special execution on specific customer request, with 8 continuous axes for milling, drilling and welding of polypropylene drum.

Grande centro de trabajo en ejecución especial según solicitud específica del cliente, con 8 ejes continuos para fresado, taladrado y soldadura del bombo en polipropileno.





COLUMBUS 5XM



COLUMBUS è un centro di lavoro di grandissime dimensioni per la lavorazione di elementi / modelli tridimensionali in sala 1:1 come yacht, treni, fusoliere di aerei ed altri simili. COLUMBUS, un grande centro di lavoro, al quale si richiede massima precisione e grande accuratezza di finitura.

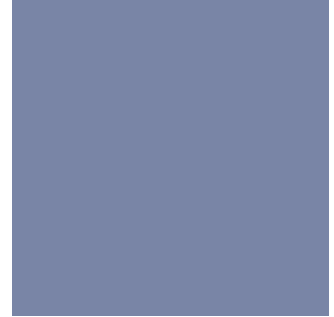
La macchina si compone di una struttura fissa con robusto colonnato laterale dotato di aperture all'inizio e alla fine per permettere l'ingresso del pezzo da lavorare. La macchina è dotata di un asse Z molto lungo (asse verticale) per permettere la lavorazione di pezzi molto alti; in fondo a questo robusto asse è montato un motore mandrino a raffreddamento liquido, dotato di 5 assi in continuo con rotazione \pm infinito in modo da iniziare la lavorazione da un punto e non interrompere mai la lavorazione sino alla fine, con enorme risparmio di tempo viste le grandi superfici da lavorare.

COLUMBUS is a very large machining center for machining parts / three-dimensional models in hall 1: 1 as yachts, trains, aircraft fuselages and other similar. COLUMBUS, a large machining center, which requires high precision and high accuracy of finishing.

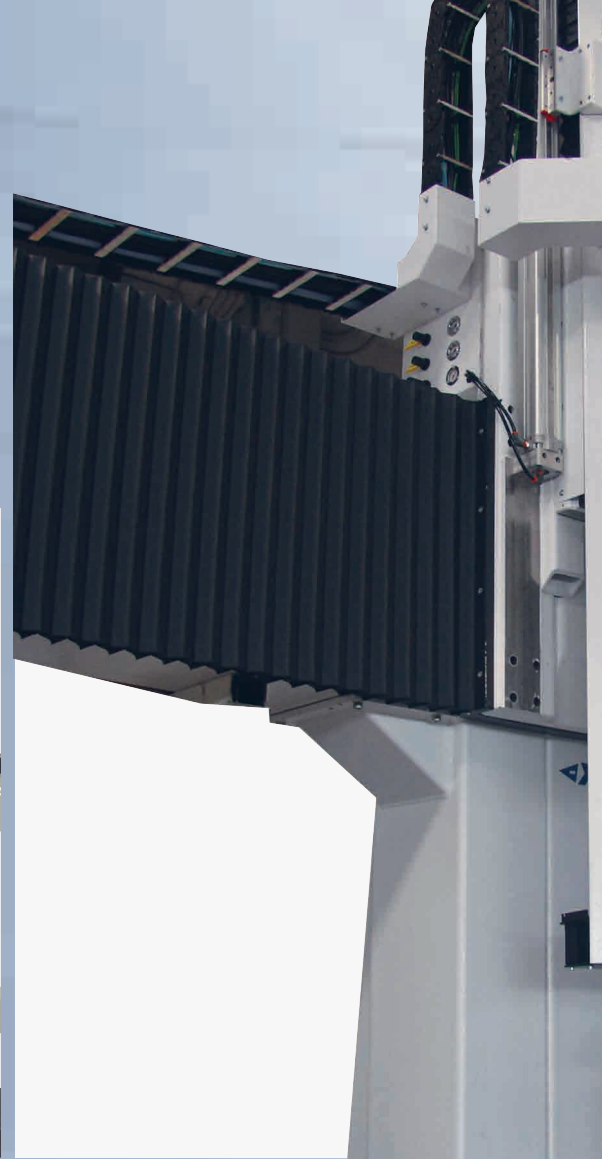
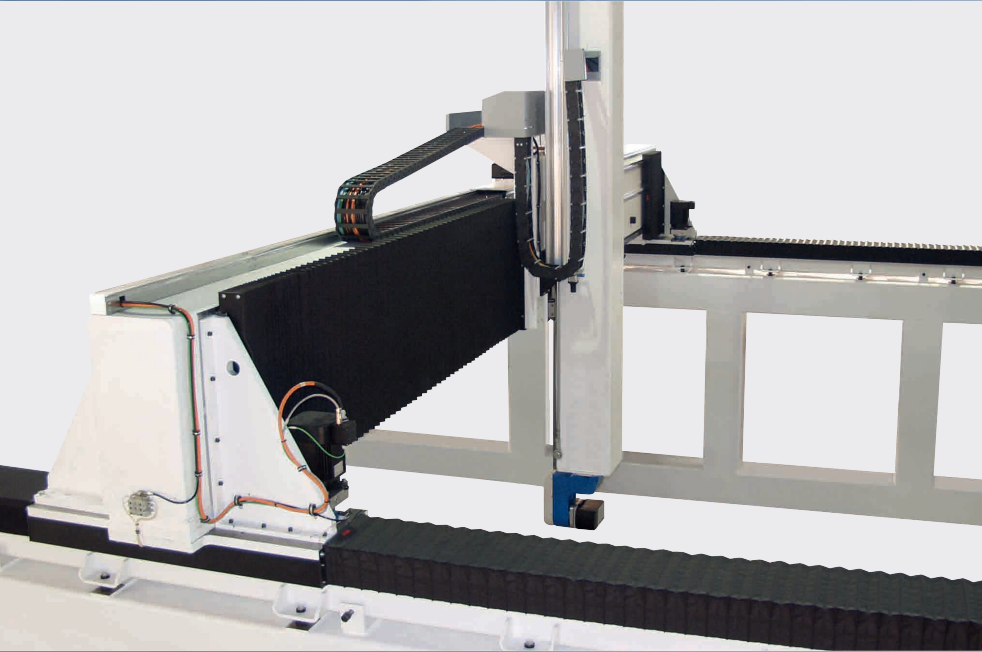
The machine consists of a fixed structure with sturdy lateral columns equipped with top openings and at the end to allow entry of the workpiece. The machine is equipped with a very long Z-axis (vertical axis) to allow the machining of very tall parts; at the bottom of this sturdy board a liquid-cooled spindle motor, equipped with 5 axis rotation \pm infinity is mounted so as to start cutting from one point and never stop working until the end, with huge time savings for the large surfaces to be machined.

COLUMBUS es un centro de mecanizado muy grande para procesar elementos / modelos tridimensionales como yates, trenes, partes de aviones y similares. COLUMBUS, un gran centro de trabajo, que requiere la máxima precisión de acabado.

La máquina es realizada por una estructura fija con robustas columnas laterales con aberturas al principio y al final para permitir el ingreso de la pieza de trabajo. La máquina está equipada con un eje Z muy largo (eje vertical) para permitir el procesamiento de piezas muy altas; en la parte baja de este robusto eje está montado un electromandril con refrigeración líquida, equipado con 5 ejes continuos con rotación \pm infinita para comenzar a mecanizar desde un punto y nunca interrumpir el procesamiento hasta el final, con gran ahorro de tiempo por las grandes superficies en trabajar.



COLUMBUS 5XM

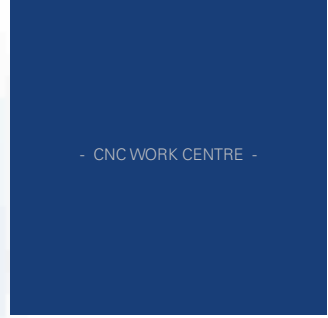
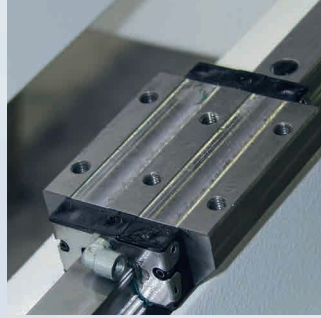


Columbus per la sua natura è un centro di lavoro atto alla lavorazione di elementi diversi tra loro come modelli di auto, yacht, carrozze ferroviarie, pale eoliche, elementi aeronautici e militari.

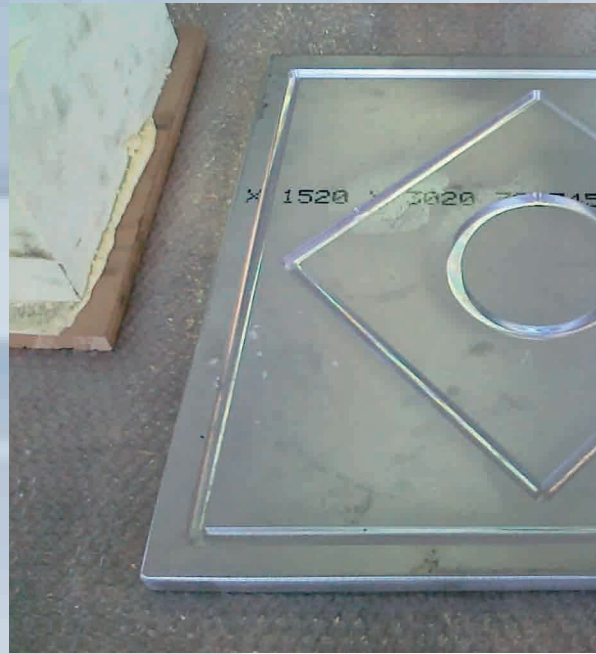
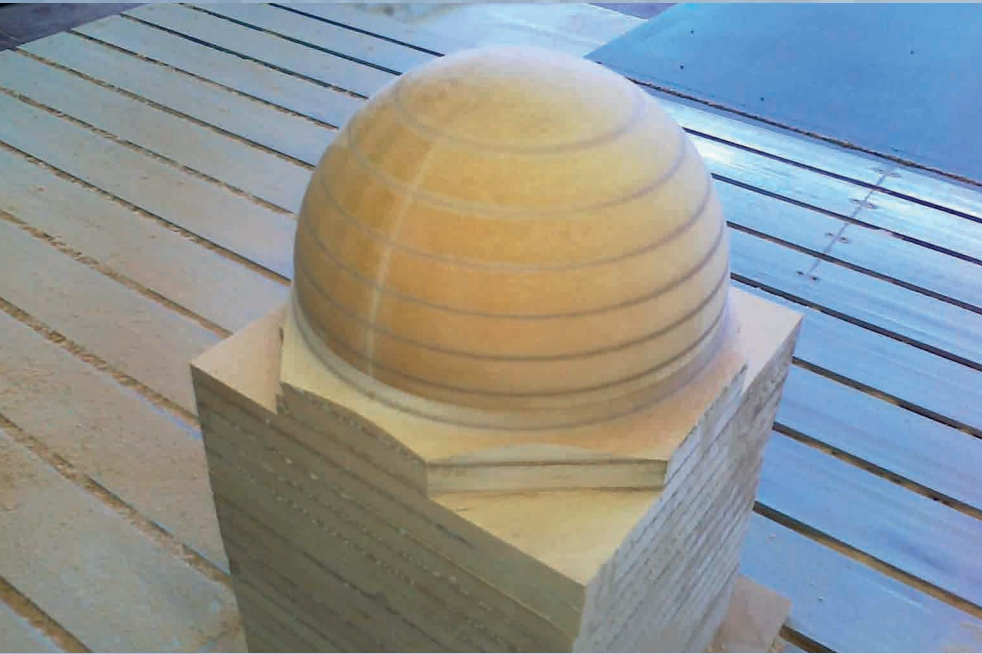
Columbus by its nature is an act machining center for the machining of different elements among themselves as models of cars, yachts, passenger cars, wind turbines, aeronautical and military elements.

Columbus, por su propia naturaleza, es un centro de trabajo para el procesamiento de diferentes elementos tales como modelos de automóviles, yates, vagones de ferrocarril, elementos aeronáuticos y militares.





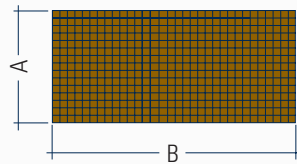
TWISTER 5XM



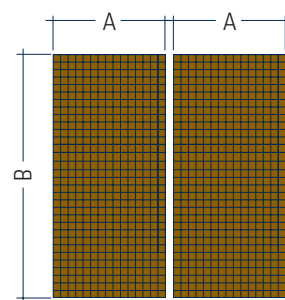
Twister è un grande centro di lavoro a 1 o 2 piani in LPM quadrettati, nella versione standard. Asse Z a partire da mm 1050. Ideale per la lavorazione di medi e grandi modelli nei settori aeronavali e auto.

Twister is a great business center with 1 or 2 levels in LPM squared, in the standard version. Z axis from 1050 mm Ideal for working medium and large models in naval aviation and auto industries.

Twister es un gran centro de trabajo con 1 o 2 mesas en LPM cuadrículadas, en la versión estándar. Eje Z de 1050 mm. Ideal para el procesamiento de modelos medianos y grandes en los sectores industriales.



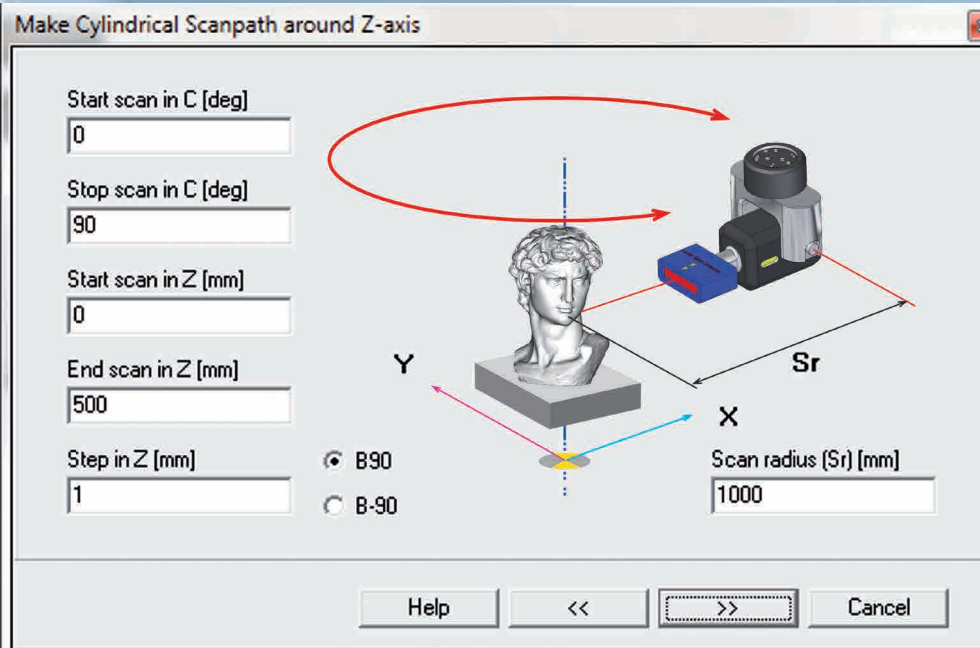
A mm	B mm	Z mm
1600	1600	1050
-	2600	1700
-	3200	1880
-	3200	2110



A mm	B mm	Z mm
1600	1600	1050
2250	2600	1700
2460	2850	1880
2850	-	2110



SISTEMI DI AUTOAPPRENDIMENTO

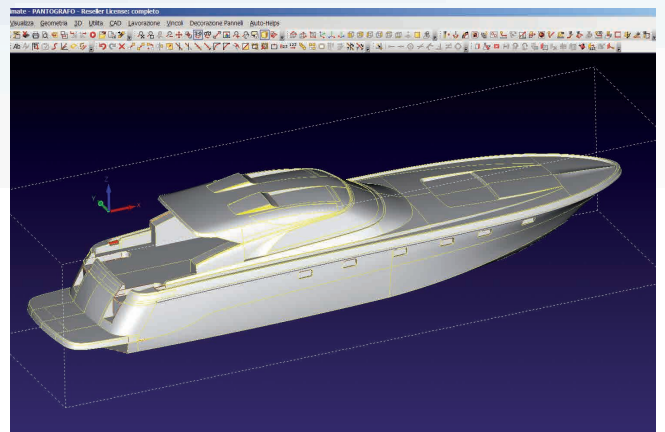
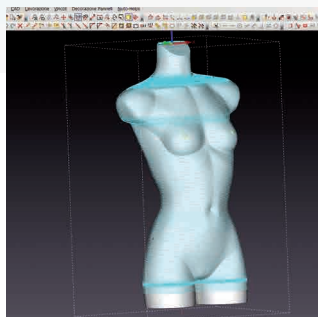
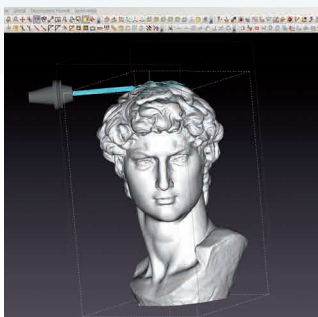


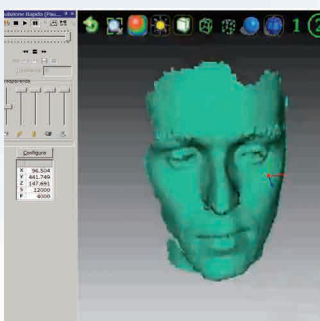
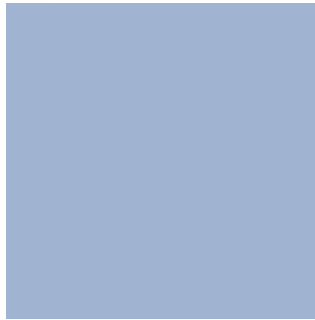
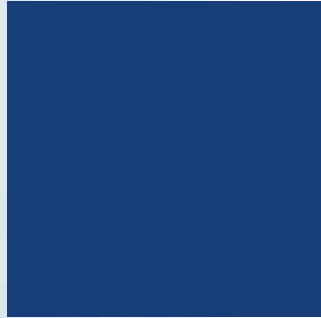
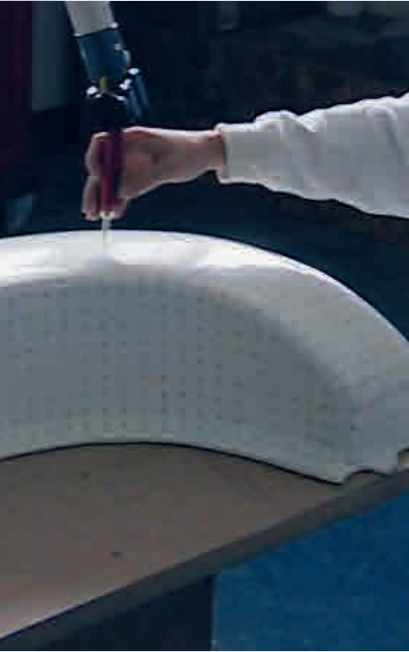
Laser spot detector in ambient ALPHA-CAM

Sistema di autoapprendimento elettronico con braccio antropomorfo e software dedicato 3D.

Electronic self-learning system with anthropomorphic arm and dedicated 3D software.

Sistema de autoaprendizaje electrónico con brazo antropomorfo y software dedicado 3D.





Scanner 3D





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Potenti applicazioni software CAD/CAM sono collegati a tutti i nostri controlli numerici. Potenti CAD facili da usare per gestire 3-4 e 5 assi in continuo. Software speciali sono realizzati per esigenze particolari.

Powerful CAD/CAM software applications are connected to all our numeric controls. Powerful CAD, easy to use for controlling 3-4 and 5 axes in a continuous manner. Special software designed for specific purposes.

Todos nuestros ordenadores están dotados de potentes aplicaciones software CAD/CAM. Potentes CAD fáciles de usar para controlar 3-4 y 5 ejes en continuo. Se realizan software especiales sobre exigencias clientes.



- CONTROLLI NUMERICI
- NUMERICAL CONTROLS



Controllo numerico TECNOCOM con personal computer integrato sistema Windows.

Numeric control TECNOCOM with integrated PC, Windows system.

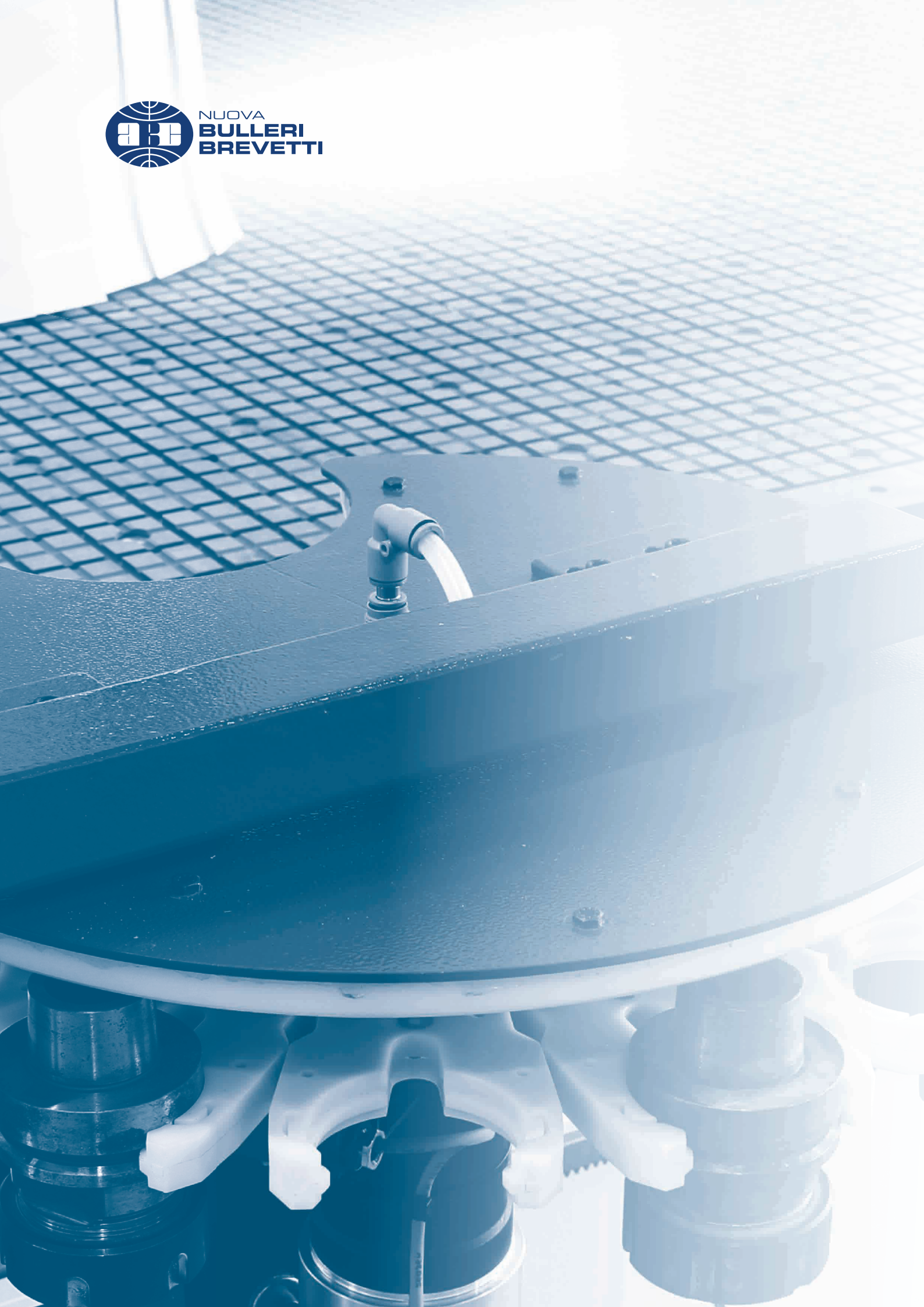
Control numérico TECNOCOM con ordenador personal con sistema Windows.

Altri tipi a richiesta / Other types on the request





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Ciascuna di queste macchine può essere offerta con dimensioni piani ed equipaggiamenti diversi a seconda delle esigenze produttive del cliente.

Each machine can be offered in different working top and equipment dimensions according to customer's needs.

Cada una de estas máquinas se ofrece también con dimensiones de mesas y equipajes diferentes según las necesidades productivas del cliente.

TC 5XM
- LA GAMMA
- THE RANGE



TC 2913



TC 4222



TC 6513 BV



TC SV



TC 8030



COLUMBUS



OLIMPUS 5XM



TWISTER SERIES



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INDUSTRIAL ART FOR CNC MACHINES
ITALIAN MADE

TECNOCOM srl

Via Calabria, 8 - Z.I. Gello

56025 Pontedera (PI)

Tel. (+39)0587.970190

Fax (+39)0587.970191

email: info@tecnocomsrl.net

www.nuovabulleri.com

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