



WOOD WORK- -ING SOLU- TIONS

MD TOP *series*



COMEC
WOODWORKING SOLUTIONS

MD TOP series

I centri di lavoro della serie MD sono dedicati alla lavorazione di elementi di forma allungata, in legno massiccio, in MDF, truciolare e materiali similari. Trovano la loro principale applicazione nella produzione di mobili in massiccio (tavoli – armadi – divani – complementi – ecc.), letti e lettini d'infanzia, arredamento urbano e da giardino, porte e serramenti.

I centri di lavoro MD vengono generalmente impiegati per l'esecuzione di forature, mortasature e fresature; in base alla configurazione ed al tipo di controllo assi si possono inoltre eseguire anche operazioni di troncatura, tenonatura, contornatura/profilatura, ecc.

L'ampia gamma di varianti ed accessori, anche eseguiti su specifici richiesta, consente di ottenere un'elevata personalizzazione, in modo da soddisfare in maniera ottimale le reali esigenze del singolo cliente.

In base alla configurazione della macchina, è possibile lavorare fino a 5 lati del pezzo. In questo catalogo vengono presentati alcuni esempi delle versioni realizzate.

The MD working centres are dedicated to the processing of elements with long shape made of solid wood, MDF, particle board and similar materials.

They find their main appliance in the production of solid wood furniture (tables – cabinets and cupboards – sofas – furniture complements – etc.), beds and baby cribs, garden and outdoor furniture, doors and windows.

MD working centres are generally used to carry out drilling, mortising and milling operations; according to the equipment and to the type of axes control, it is also possible to perform cutting off, surrounding/profiling, tenoning and similar processes.

The wide range of versions and accessories, also realized upon specific request, permits to obtain an extreme personalization, in order to satisfy in the best way the real needs of any specific customer. According to the configuration of the machine, it is possible to work up to 5 sides of the piece. This catalogue presents some examples of the versions that have been realized.

Los centros de trabajo de la serie MD son dedicados al trabajo de elementos con forma alargada, de madera maciza, de MDF, aglomerado y materiales similares. Encuentran su principal aplicación en la producción de mobiliario macizo (mesas – armarios – sofás – complementos de mobiliario – etc.), camas y cunas infantiles, mobiliario urbano y de jardín, puertas y ventanas. Los centros de trabajo MD son empleados para ejecutar taladros, escoplos y fresados; en base al equipo y al tipo de control ejes se pueden

además ejecutar operaciones como cortar, espigar, contornear/perfilar, etc.

La amplia gama de variantes y accesorios, también ejecutados sobre específico pedido, permite de obtener una elevada personalización en manera de satisfacer en modo optimal las reales exigencias de cada cliente individual.

En base a la configuración de la máquina, es posible trabajar hasta 5 caras de la pieza. En este catálogo se presentan algunos ejemplos de las versiones realizadas



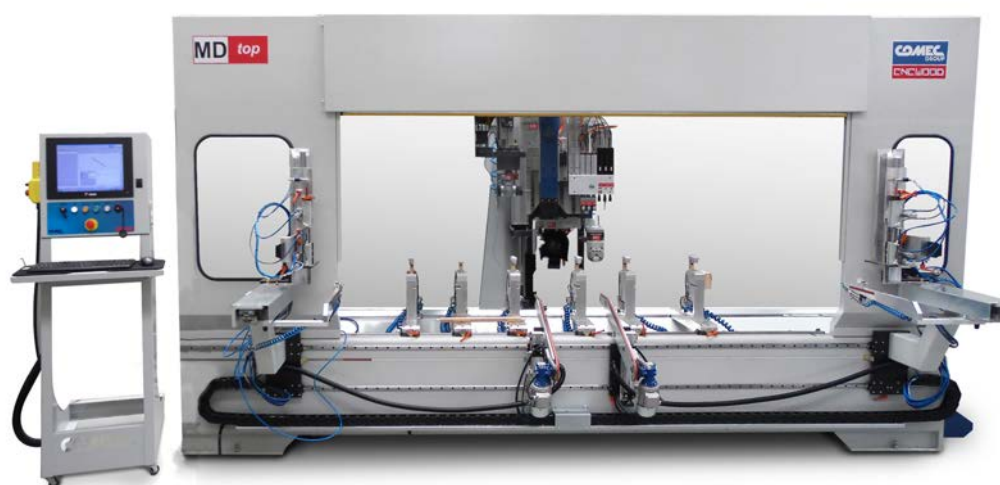


MD TOP L

Configurazione macchina elementi di reti a doghe

Machine configuration for elements of lath bed bases

Configuración máquina elementos de somieres de tablillas.



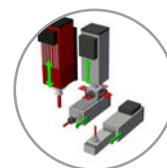
MD TOP L CA2

Configurazione macchina elementi sedie pieghevoli

Machine configuration for elements of folding chairs

Configuración máquina elementos sillas plegables



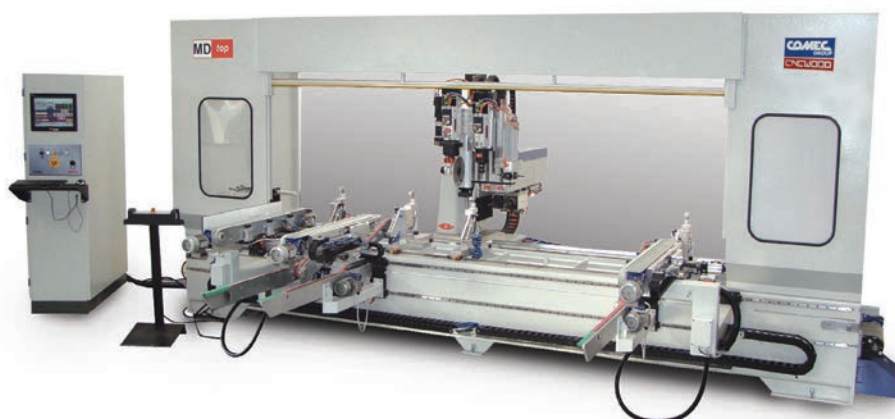


MD TOP XL

Configurazione macchina
elementi di reti a doghe

Machine configuration for
elements of lath bed bases

Configuración máquina elementos
de somieres de tablillas.

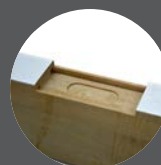


MD TOP XL CA3

Configurazione macchina
elementi porte e antine di mobili

Machine configuration for
elements of furniture's doors

Configuración máquina elementos
puertas y puertas de mobiliario



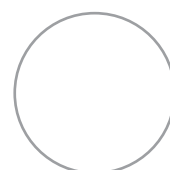


MD TOP XL

Configurazione macchina
elementi per lettini

Machine configuration for
elements of cribs / baby beds

Configuración máquina
elementos para cunas
infantiles



MD TOP XL

Configurazione macchina
elementi per

Machine configuration for
elements of

Configuración máquina
elementos para



TESTE

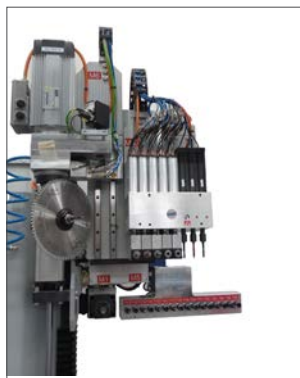
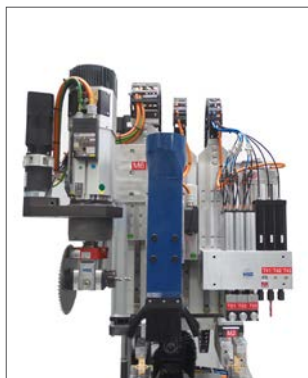
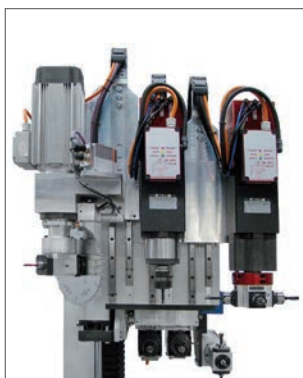
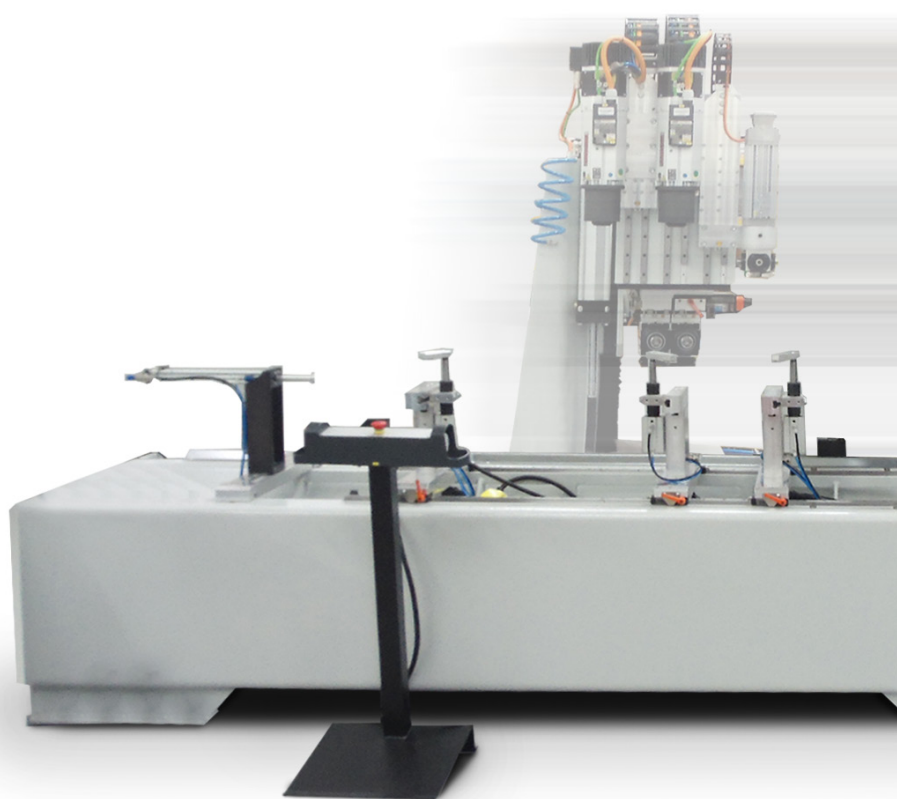
I centri di lavoro MD sono ampiamente personalizzabili per soddisfare le reali esigenze dei nostri clienti: di seguito presentiamo alcune delle soluzioni realizzate

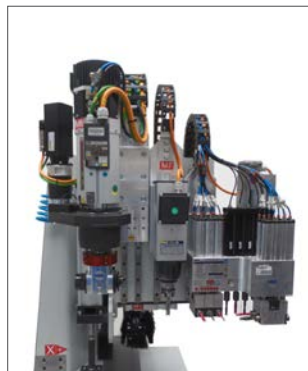
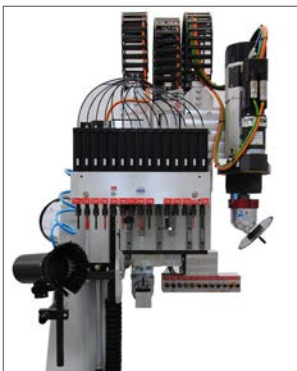
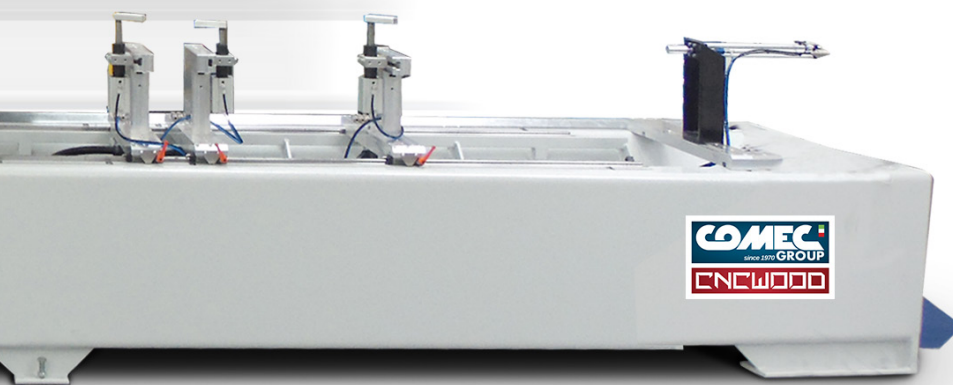
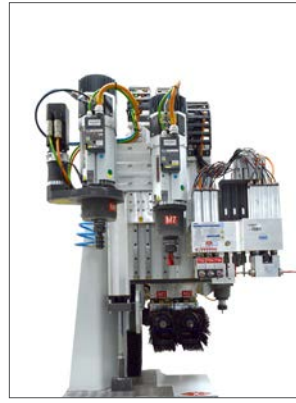
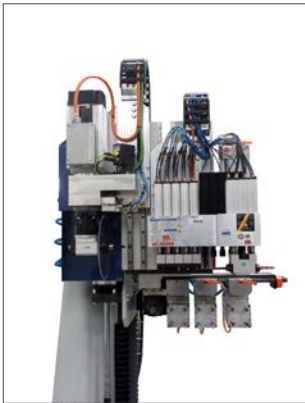
HEADS

The working MD centres can be widely personalized in order to satisfy the real needs of our customers; here following some examples of realized solutions.

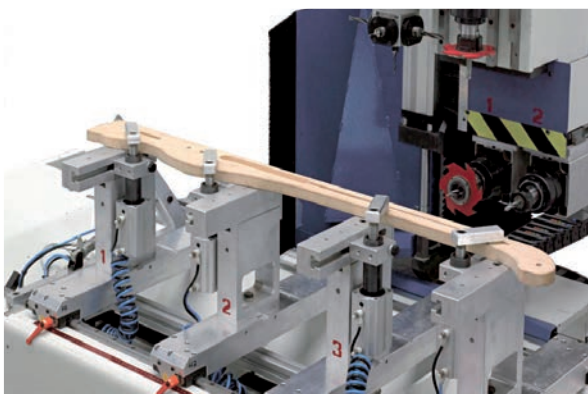
CABEZALES

Los centros de trabajo MD pueden ser ampliamente personalizados para satisfacer las reales exigencias de nuestros clientes: a continuación presentamos unas soluciones realizadas.





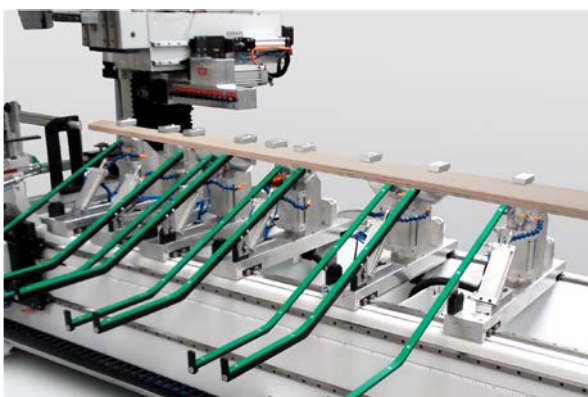
BANCHI PORTAPEZZI - PIECES' HOLDING BENCHES - BANCOS PORTAPIEZAS



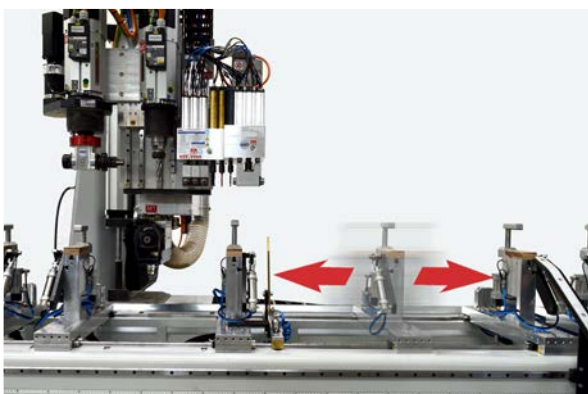
Banco sezionato, di serie, con bloccaggi rotanti
Sectioned bench, standard version, with rotating lockings
Banco seccionado, de serie, con bloqueos giratorios



Sectioned bench with frontal lockings
Banco sezionato con bloccaggi frontali
Banco seccionado con bloqueos frontales

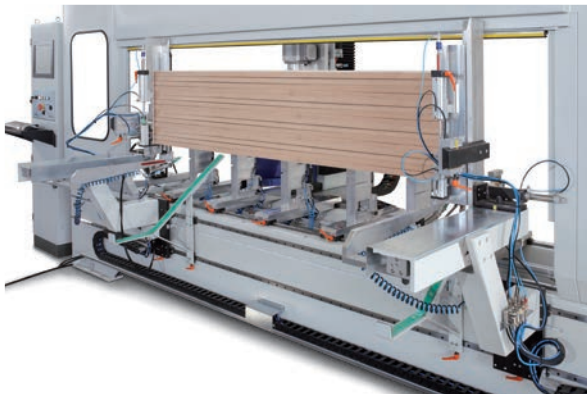


Banco sezionato con bloccaggi inferiori
sectioned bench with lower lockings
Banco seccionado con bloqueos inferiores.

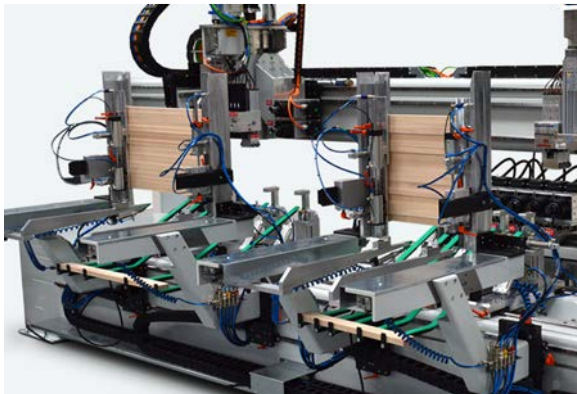


Posizionamento automatico sull'asse X controllato da CN.
Automatic positioning on X axis controlled by NC
Posicionamiento automático sobre el eje X controlado por CN.

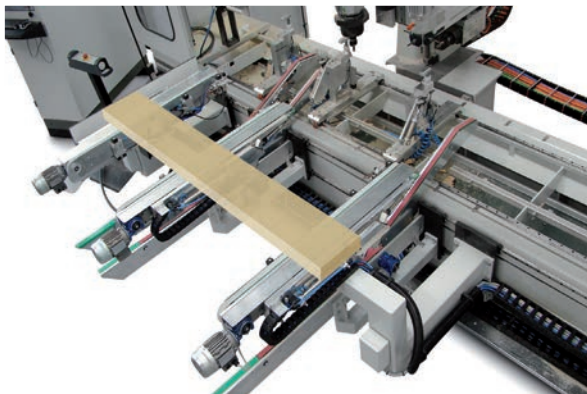
CARICATORI - LOADERS - CARGADORES



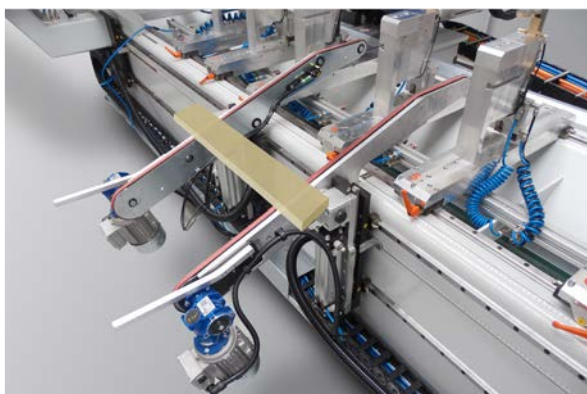
CA2 caricatore automatico frontale
CA2 automatic frontal loader
CA2 cargador automático frontal



DCA2 doppio caricatore automatico frontale
DCA2 double automatic frontal loader
DCA2 doble descargador automático frontal

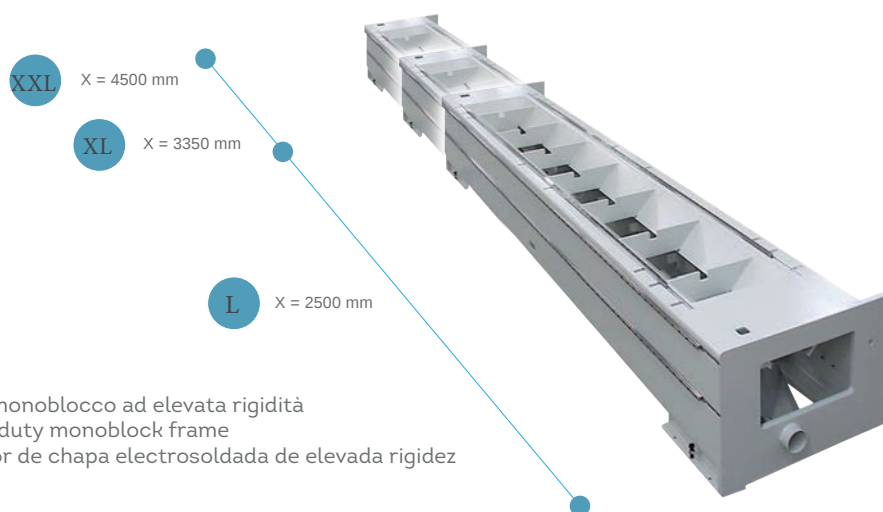


CA3 automatic frontal loader with horizontal
magazine with motorized belts
CA3 automatic frontal loader with horizontal
magazine with motorized belts
Banco seccionado
con CA3 cargador automático frontal con almacén
horizontal de bandas motorizadas



SCA scaricatore frontale automatico con cinghie
motorizzate
SCA automatic frontal discharger with motorized
belts
SCA Descarga frontal automática con correas
motorizadas

TELAIO - FRAME - BASTIDOR

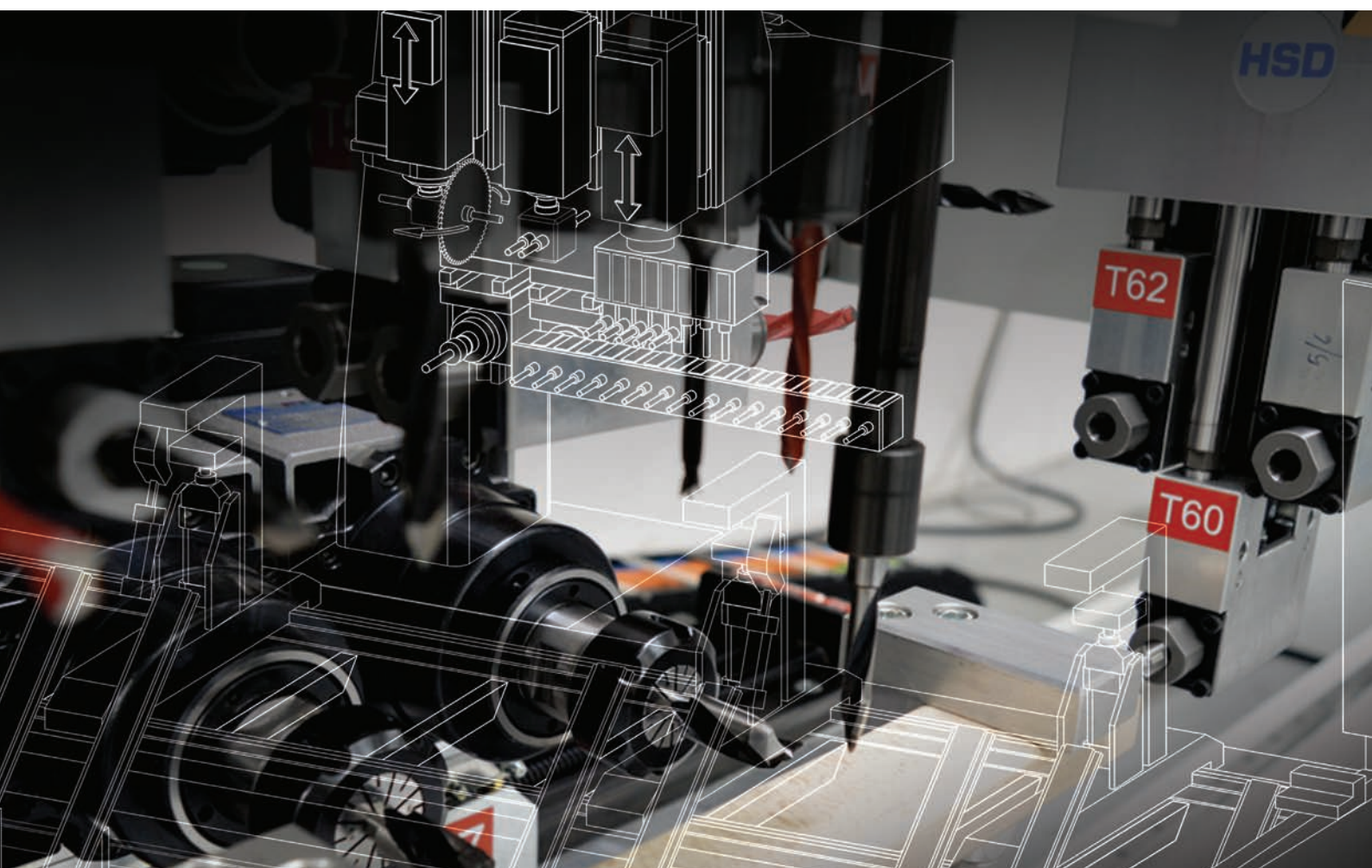


Telaio monoblocco ad elevata rigidità
Heavy-duty monoblock frame
Bastidor de chapa electrosoldada de elevada rigidez

Telaio monoblocco ad elevata rigidità

Heavy-duty monoblock frame

Bastidor monobloque de elevada rigidez



CONTROLLO - CONTROL -CONTROL

Il controllo numerico che equipaggia i centri di lavoro MD, è stato espressamente studiato come unità di governo degli assi e delle funzionalità di macchine foratrici/fresatrici multitesta.

Il software parametrico assistito da modelli di lavorazione in 3D e integrato da un CAD grafico, consente all'utente una facile ed efficiente programmazione della macchina.

Software evoluto con: SISTEMA DI SIMULAZIONE ANTI-COLLISIONE, ANALISI DELLA PRODUZIONE E TEMPI DEL CICLO, LETTORE DI CODICE A BARRE CON GENERAZIONE AUTOMATICA DEL PROGRAMMA.

The MD working centres are equipped with numerical control which has been specifically studied like control unit for the axes and multi-head drilling/milling machines' functionalities.

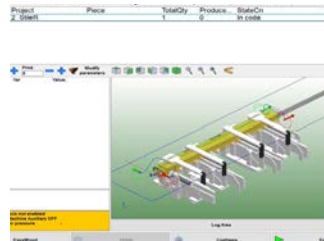
The parametric software assisted by 3D working models and integrated by a CAD graphic, allows to an easy and efficient programming.

Evolved software with : ANTI-COLLISION SIMULATION SYSTEM, ANALYSIS OF PRODUCTION AND CYCLE TIMES, BAR-CODE READER with AUTOMATIC PROGRAM GENERATION.

El control numérico que equipa los centros de trabajo, ha sido expresamente estudiado como unidad de gobierno de los ejes y de las funcionalidades de máquinas taladradoras /fresadoras multicabeza.

El software paramétrico asistido por modelos de trabajo en 3D y integrado por un CAD gráfico permite al usuario una fácil y eficiente programación de la máquina.

Software avanzado con: SISTEMA DE SIMULACIÓN ANTICOLISIÓN, ANÁLISIS DE TIEMPOS DE CICLO Y PRODUCCIÓN, LECTOR DE CÓDIGO DE BARRAS con GENERACIÓN AUTOMÁTICA DE PROGRAMAS.



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