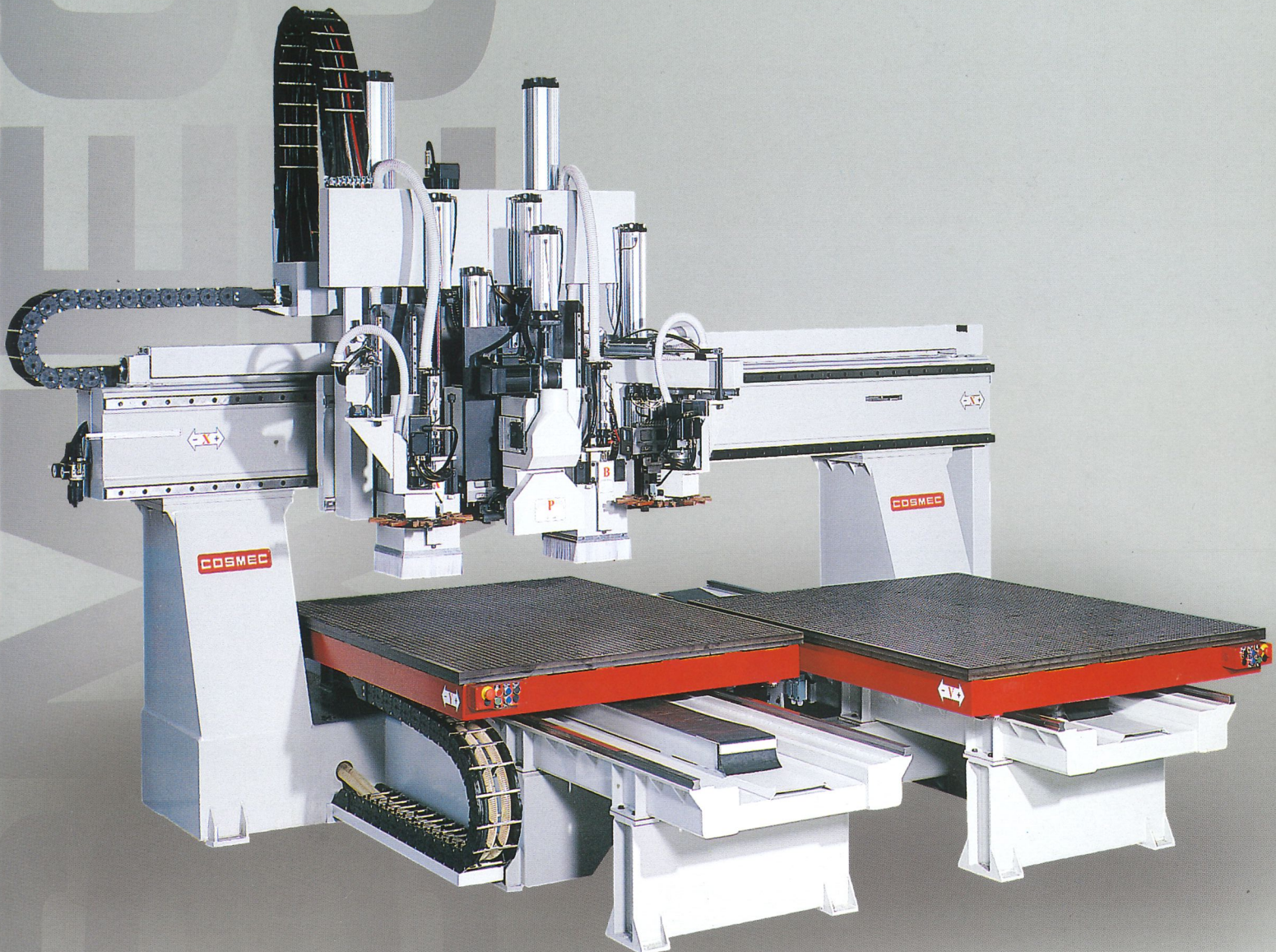
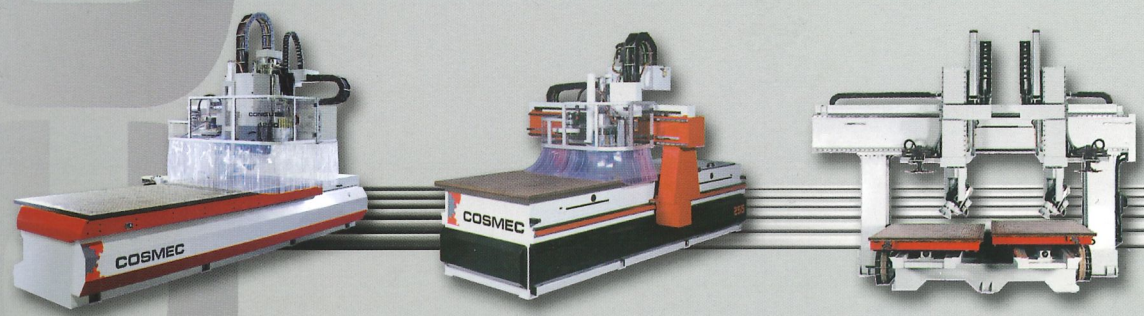


since  
1960

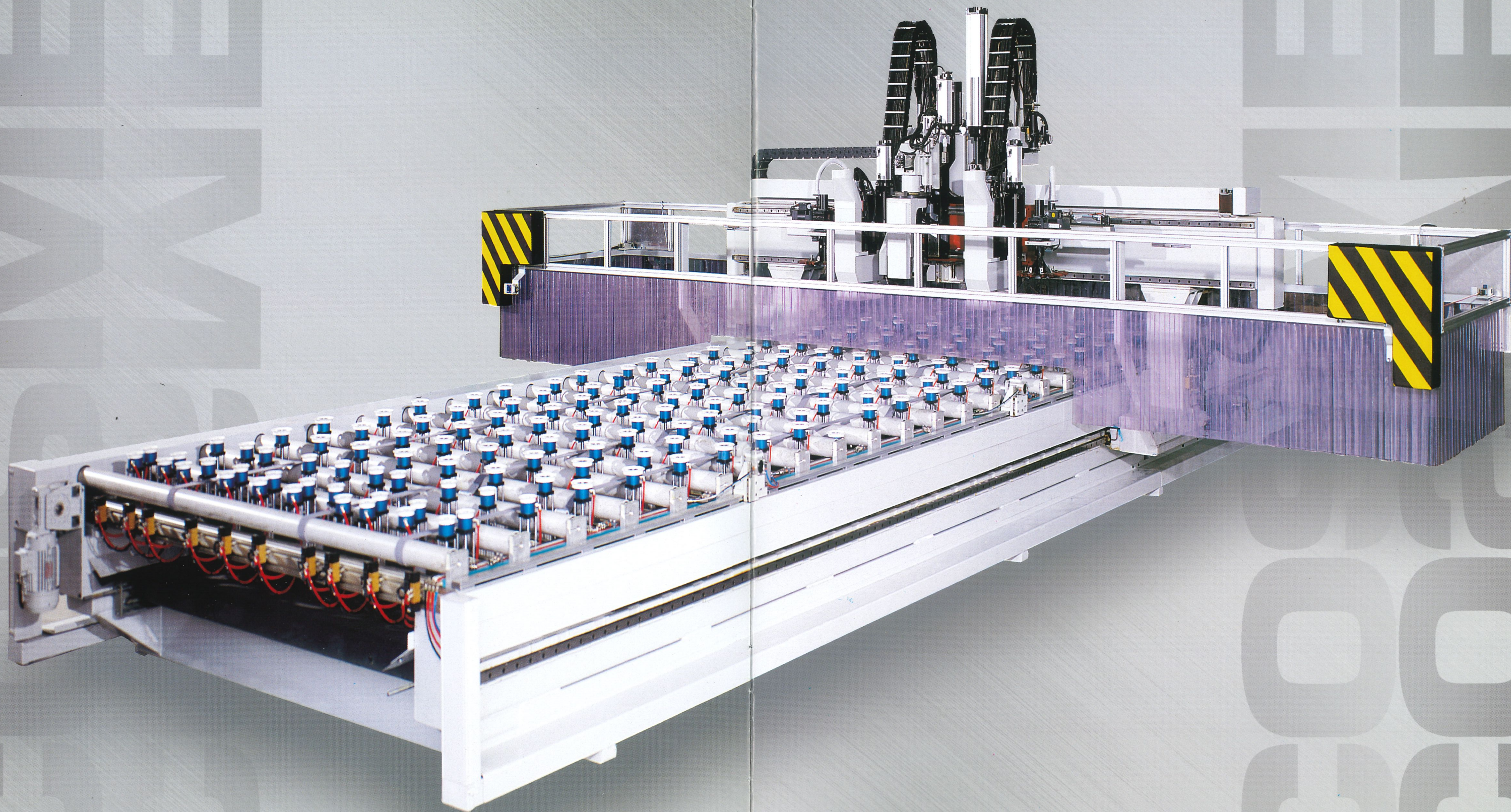


# NR SERIES





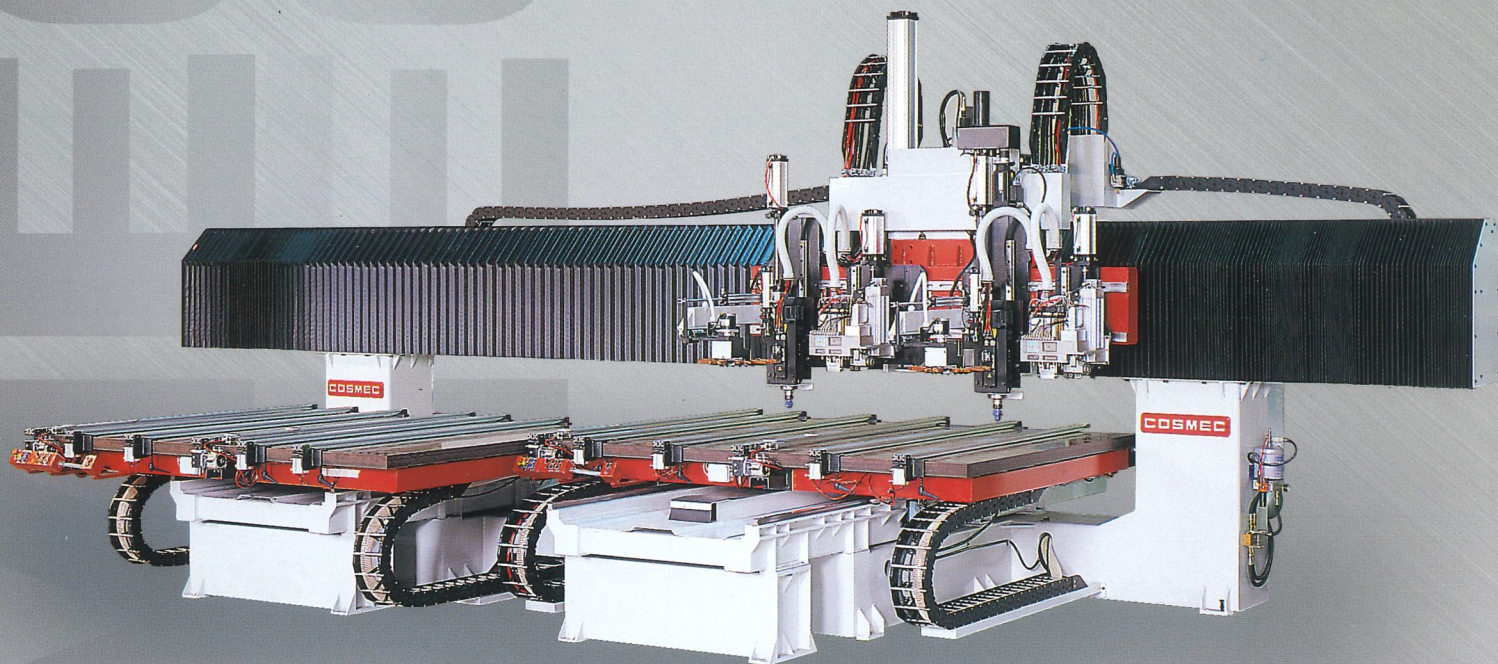
# NR 85-32 PF - CARAVAN





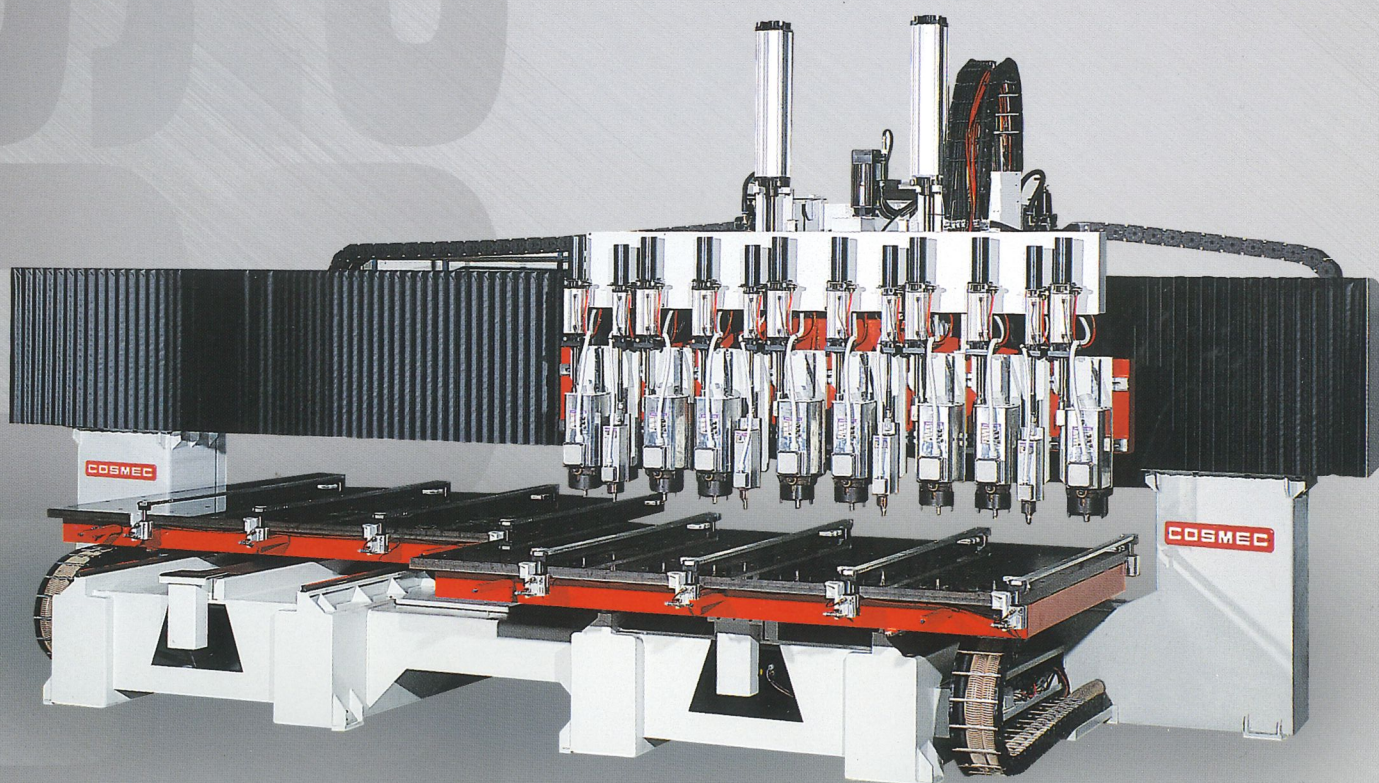
# NR 52-20 2P

MB 25-30 3B



# NR 52-15 2P 12T

MB 25-12 3B 15L

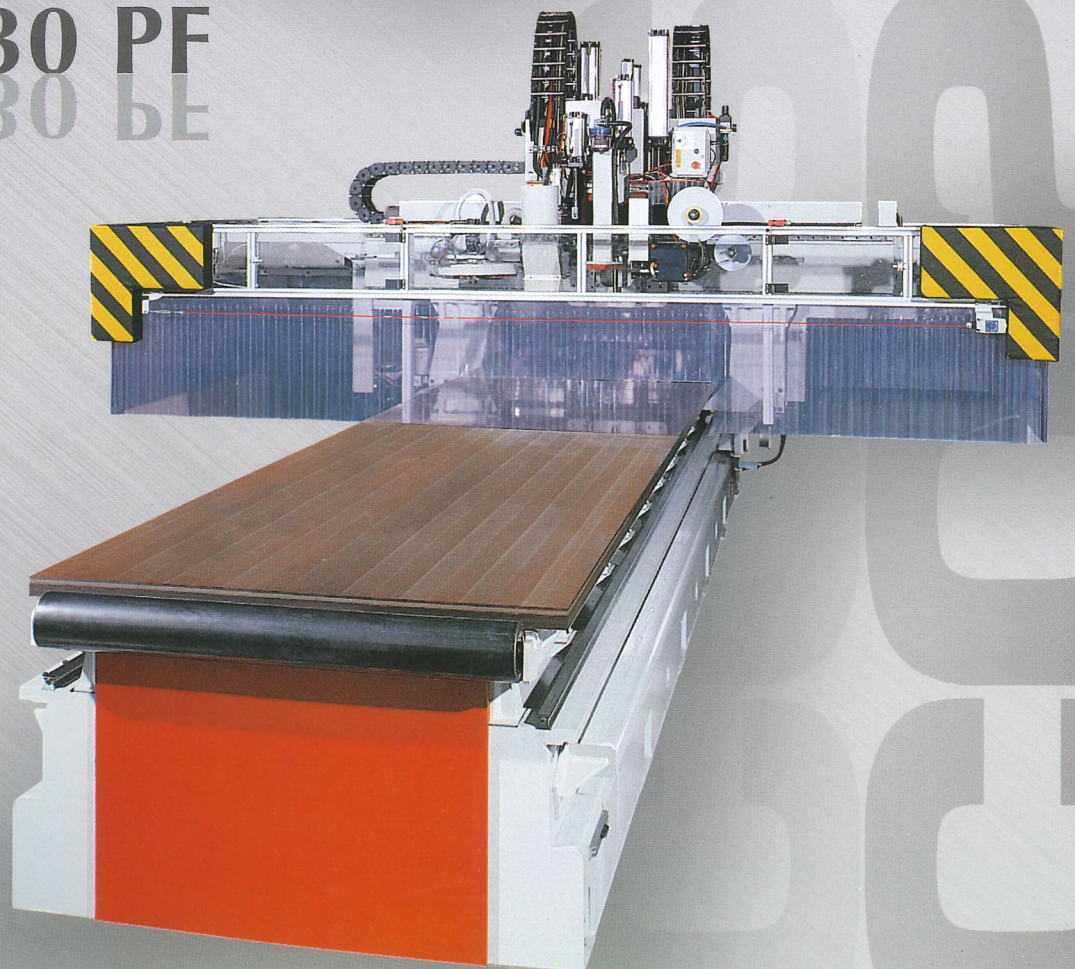




NR 26-16 4A  
NB 30-10 4A

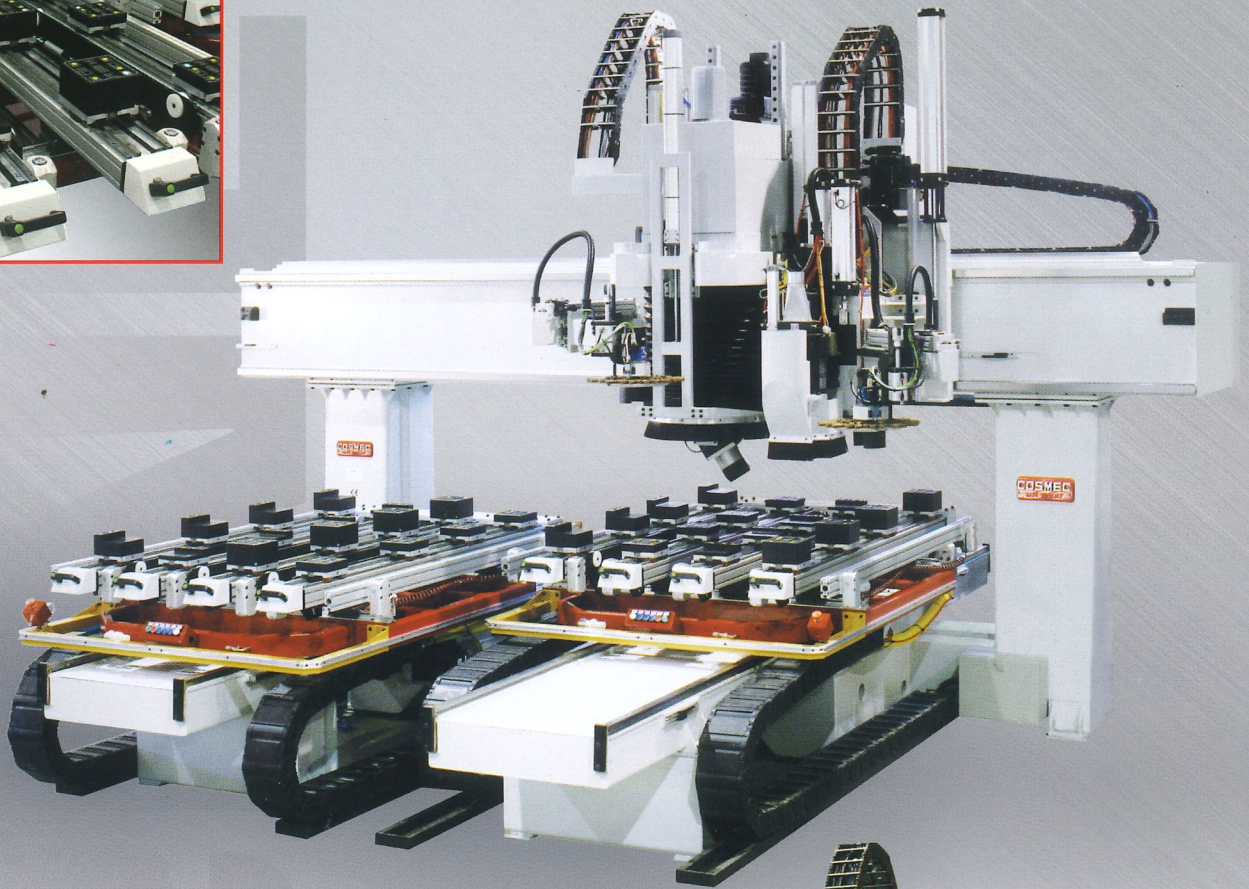
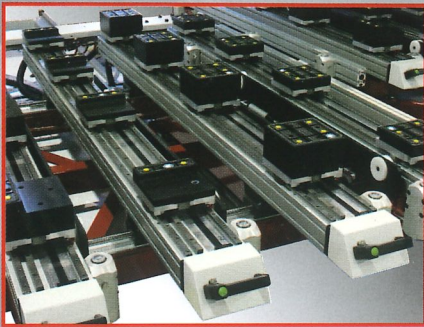


NR 70-30 PF  
NB 30-30 BE

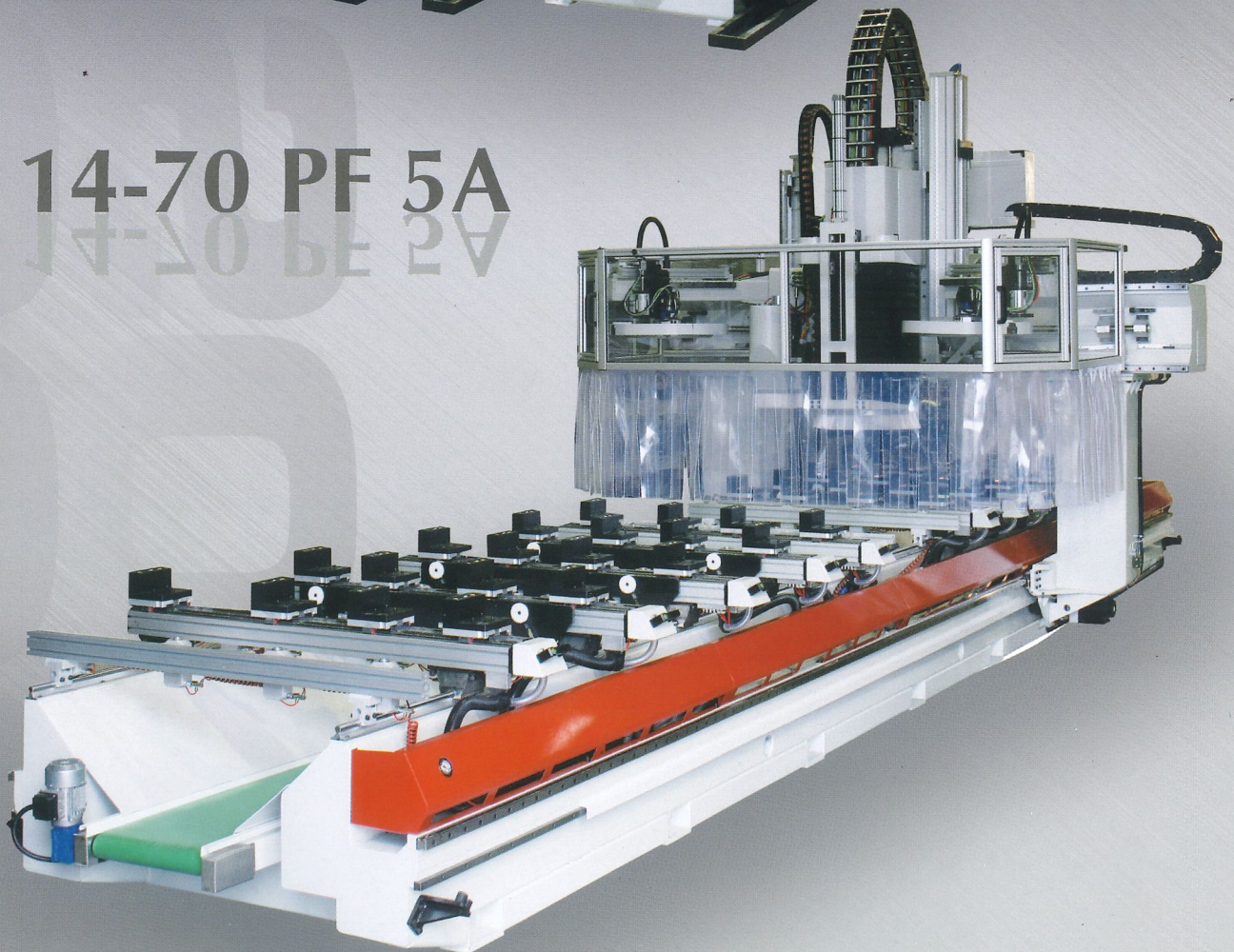




# NR 32-20 SPECIAL



# NR 14-70 PF 5A

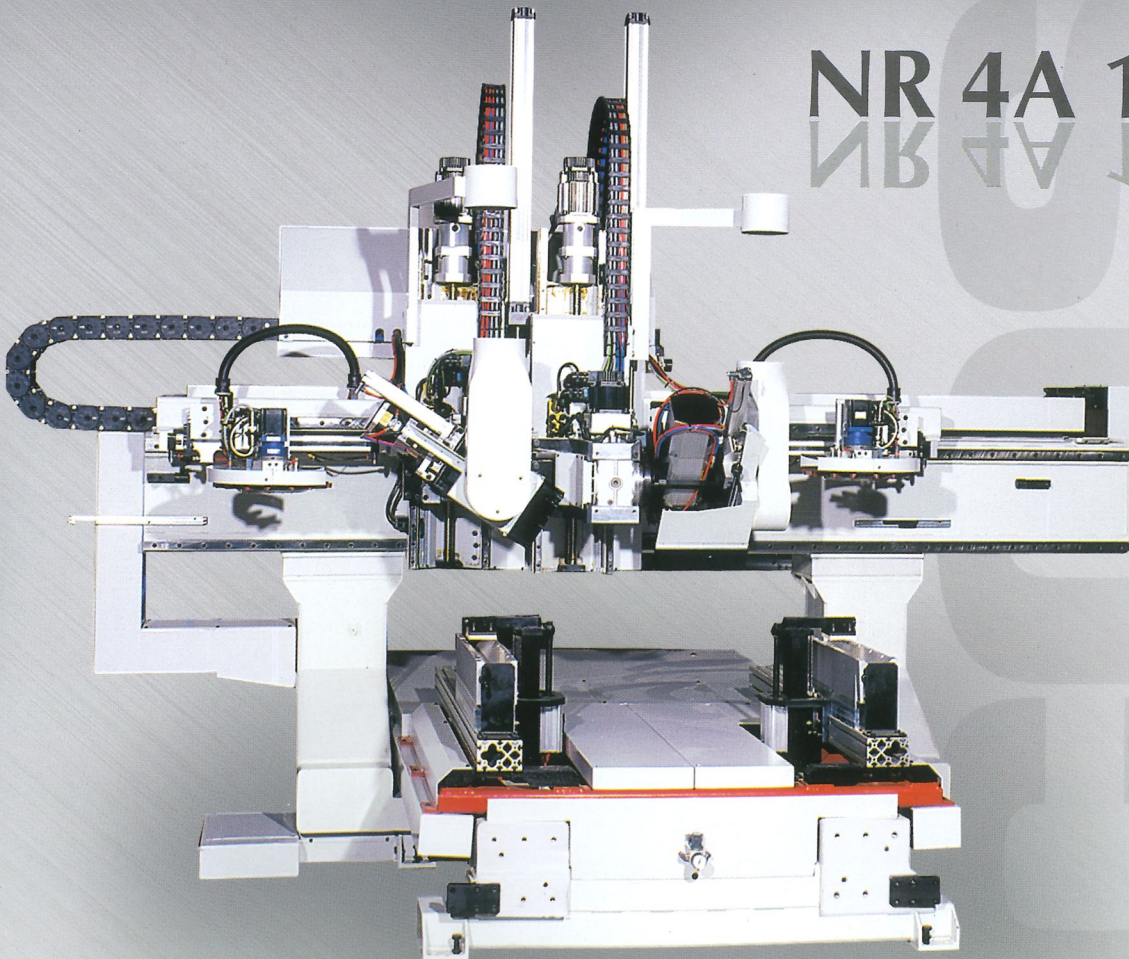




NR 4A 32-20 2T  
NB 4A 35-30 2T

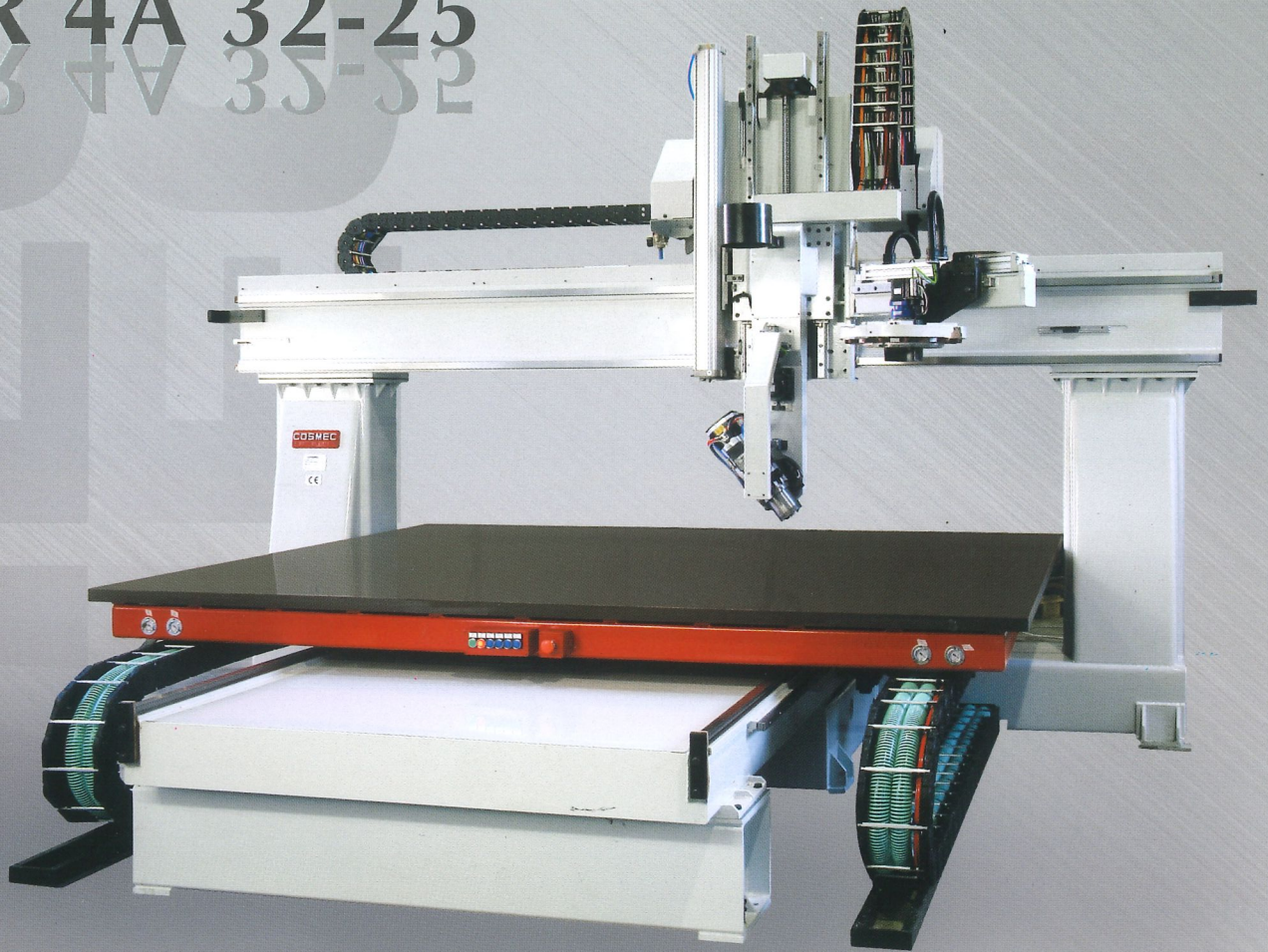


NR 4A 14-10 2T  
NB 4A 17-10 2T

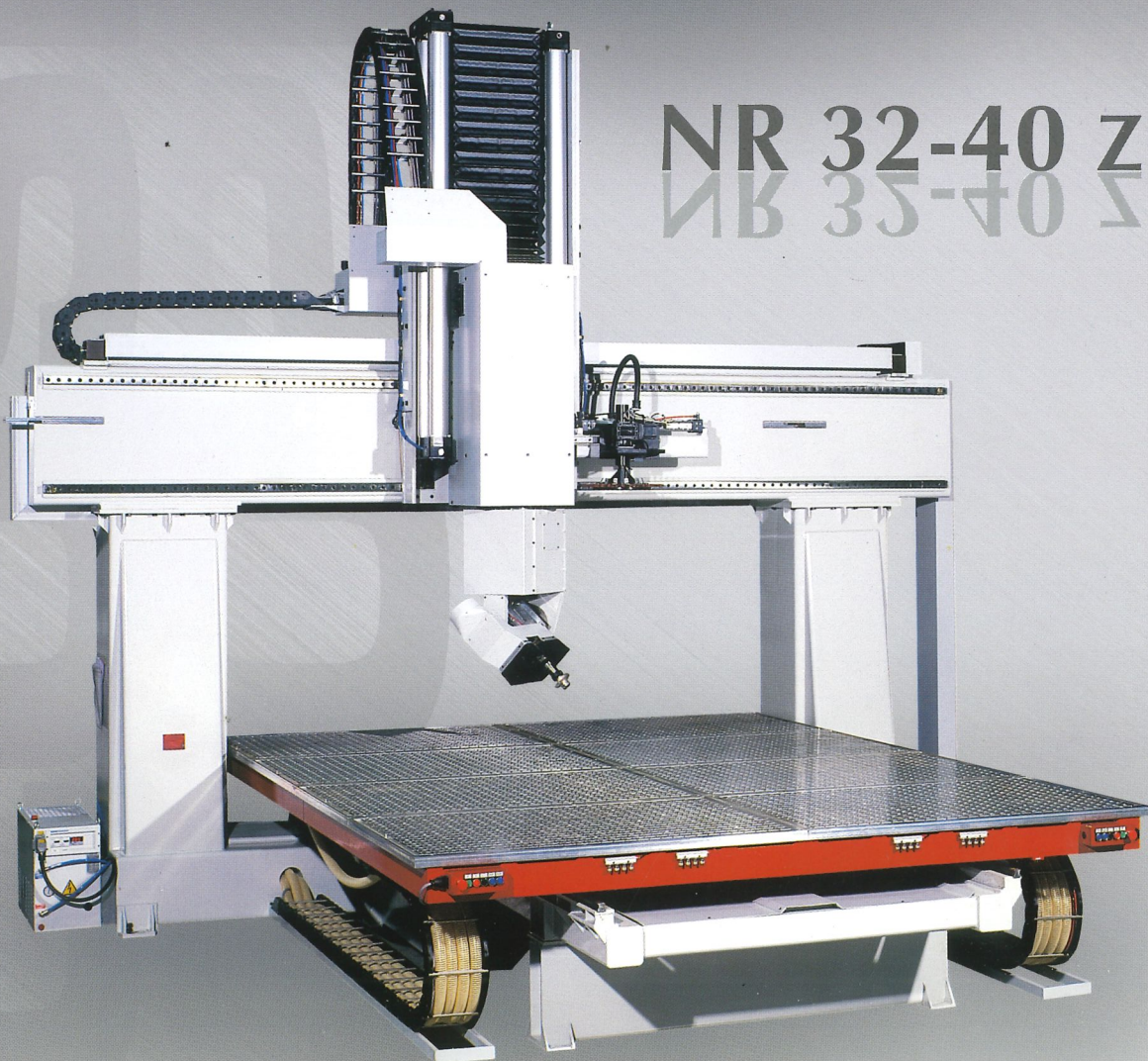




NR 4A 32-25  
NB 4V 33-32

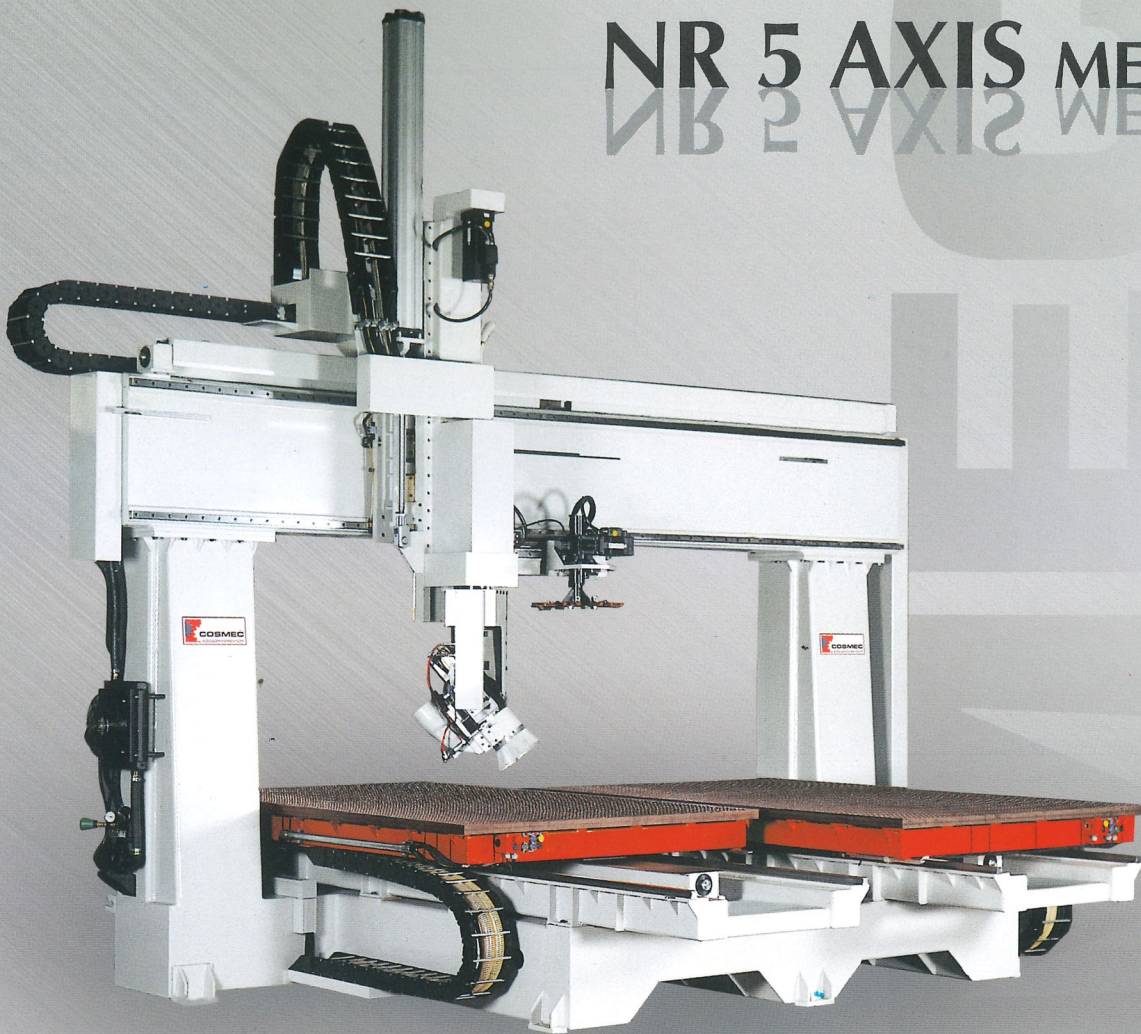


NR 32-40 Z1200  
NB 33-40 Z1300





# NR 5 AXIS MEDIUM

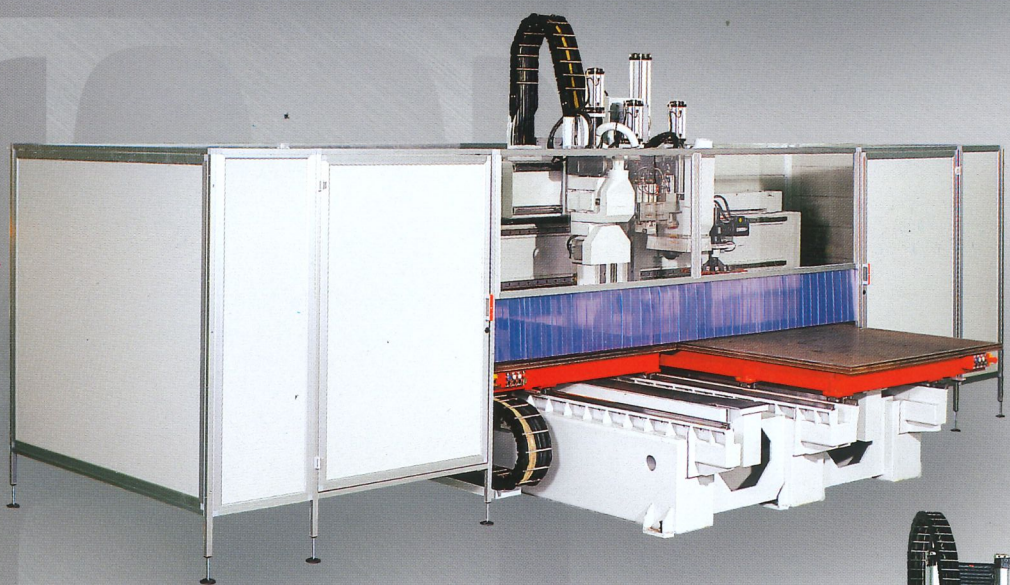


# NR 5 AXIS HEAVY

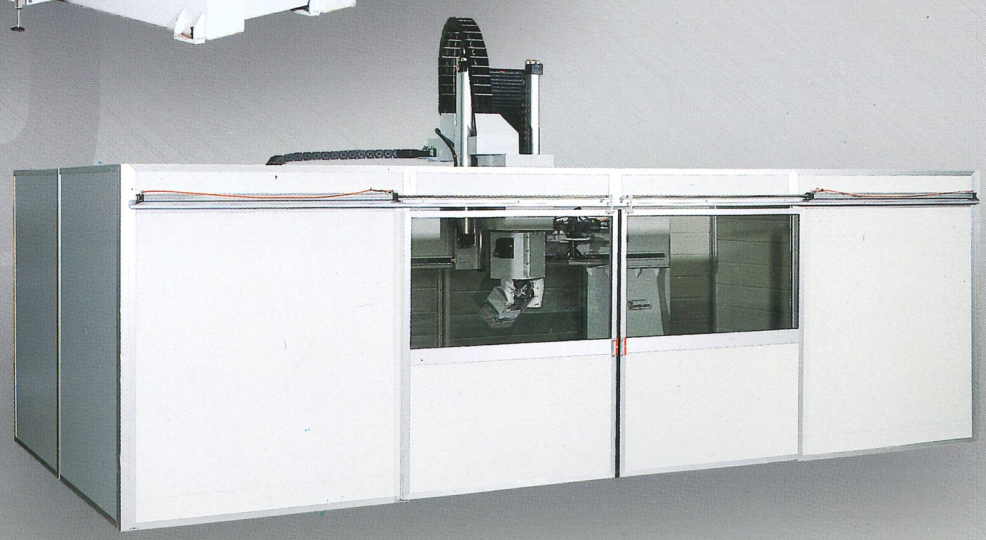




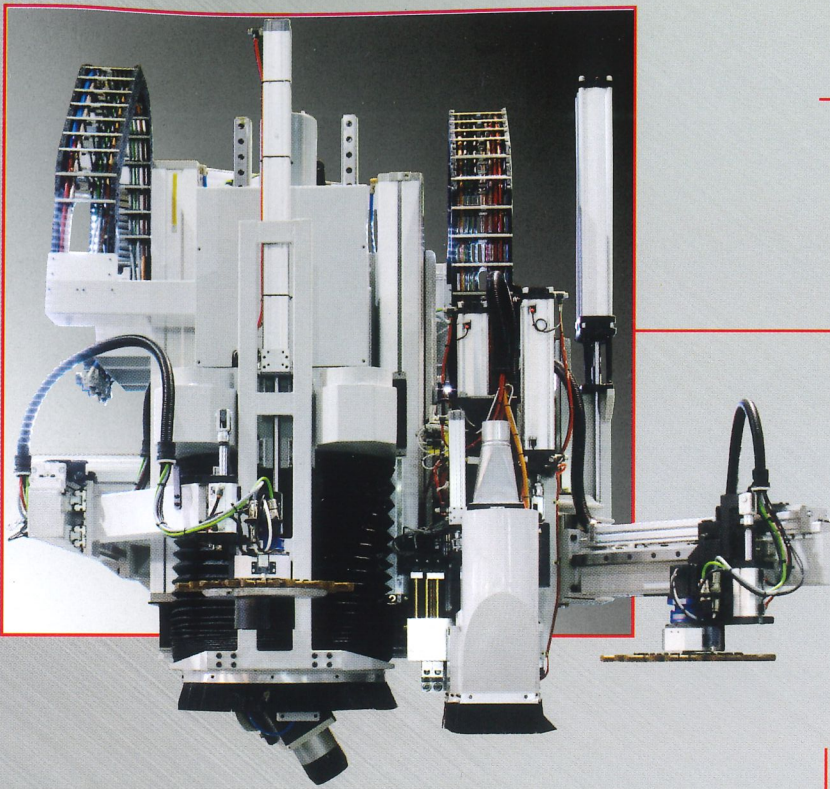
NR 32-16 2P  
NB 33-10 3B



NR CE  
NB CE







Cuffia di aspirazione regolabile controllata da CN per 5 asse.

*Adjustable dust extraction hood, CNC controlled, for 5 axis system.*

Regulierbare Absaugungshaube, durch CNC kontrolliert, für 5 Achse.

*Protecteur d'aspiration réglable contrôlé par CN pour 5 axes.*

Sistema de aspiración cabeza ajustable controlada por CNC por 5 ejes.

CNC con PC integrato e relativo sistema windows per consentire l'applicazione di un CAD-CAM direttamente a bordo della macchina. La gestione dei programmi di lavoro può avvenire tramite connessione ethernet.

*CNC with built-in PC and relevant windows-system, allowing the application of CAD-CAM directly on the machine. Working program management through Ethernet connection.*

NC mit integriertem PC und entsprechendem Windows-System für die Anwendung von CAD-CAM direkt an Bord der Maschine. Die Verwaltung der Arbeitsprogramme kann durch Ethernet-Verbindung erfolgen.

*Contrôle numérique informatisé avec contrôleur programmable intégré et système Windows relatif permettant l'application de CAD-CAM à bord de la machine. La gestion des programmes de travail peut être effectuée à l'aide de connexion Ethernet.*

CNC con PC integrado y relativo sistema windows para consentir la aplicación de un CAD-CAM directamente a bordo de la máquina. La gestión de los programas de trabajo puede hacerse mediante conexión ethernet.



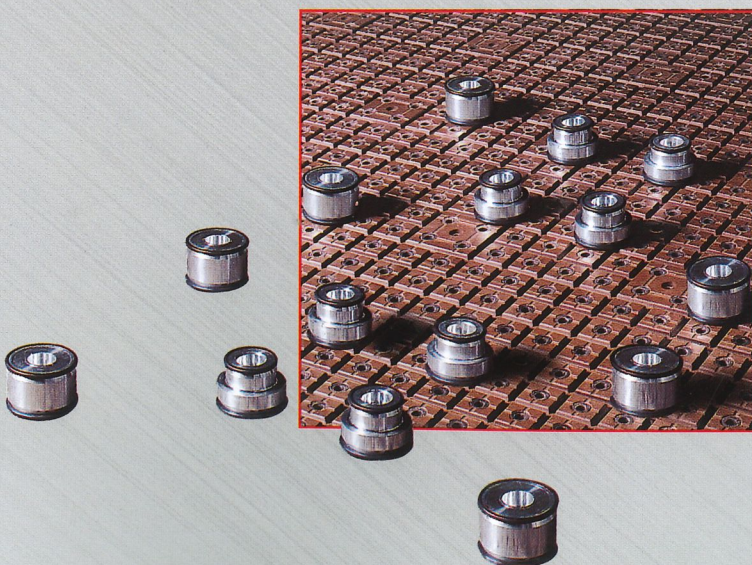
Esempio di posizionamento di ventose cosmec ad innesto rapido.

*Positioning example of cosmec vacuum cups with quick coupling.*

Positionierungsbeispiel von Cosmec Saugnäpfen mit Schnellkupplung.

*Exemple de positionnement des ventouses COSMEC avec blocage rapide.*

Ejemplo de posicionado de ventosas COSMEC de bloqueo rápido.





<b>DATI TECNICI</b> <b>TECHNICAL DATA</b> <b>TECHNISCHE DATEN</b> <b>DONNÉES TECHNIQUES</b> <b>DATOS TÉCNICOS</b>	NR SERIES
Velocità vettoriale <i>Vectorial speed</i> Vektorgeschwindigkeit <i>Vitesse vectorielle</i> Velocidad vectorial	85 mt/min
Velocità lineare <i>Linear speed</i> Lineargeschwindigkeit <i>Vitesse linéaire</i> Velocidad lineal	60mt/min
Velocità rotazione mandrino <i>Spindle rotation</i> Spindeldrehzahl <i>Vitesse de rotation du mandrin</i> Velocidad de rotación del mandril	500÷24000 rpm
Potenza mandrino <i>Spindler power</i> Leistung des Spindels <i>Puissance du mandrin</i> Potencia mandril	Kw. 7,5* Kw. 8 Kw. 10* Kw. 12* Kw. 16*
Cambio utensile trasportato (posizioni) <i>Piggy back tool change (positions)</i> Beförderter Werkzeugwechsel (werkzeugen) <i>Changement outils transporté (positions)</i> Cambio utensilios transportado (posiciones)	N° 8 N° 12 N° 16
Attacco utensili <i>Tool chuck</i> Werkzeugverbindung <i>Connexion d'outillage</i> Enganche herramientas	ISO 30 - HSK F63*
Potenza inverter <i>Inverter power</i> Leistung des Inverters <i>Puissance inverter</i> Potencia Inverter	Kw. 7,5* Kw. 11 Kw. 15* Kw. 20*
Capacità pompa del vuoto <i>Vacuum pump capacity</i> Kapazität der Vakuumpumpe <i>Débit pompe à vide</i> Capacidad de la bomba de vacío	100 mc/h 180 mc/h* 250 mc/h* 500 mc/h*
Controllo numerico standard <i>Standard numerical control</i> Standard Nc-Steuerung <i>Contrôle numérique standard</i> Control numérico standard	OSAI serie 10 with PC



Macchine conformi alla normativa **CE** 89/392 e seguenti per i Paesi in cui essa è in vigore.  
*Machines in compliance with CE standard 89/392 and following, for the Countries these are in force in.*  
 Maschinen, die den **CE** Richtlinien 89/392 und folgenden entsprechen, für die Länder, in denen diese gültig sind.  
*Machines conformes aux Normatives CE 89/392 et suivantes pour les Pays dans les quels elles sont en vigueur.*  
 Maquinas que cumplen con la regulamentación **CE** 89/392 y siguientes para los Países en los que están en vigor.

\* Optional - *Optional* - Optionen - *Option* - Opcion

