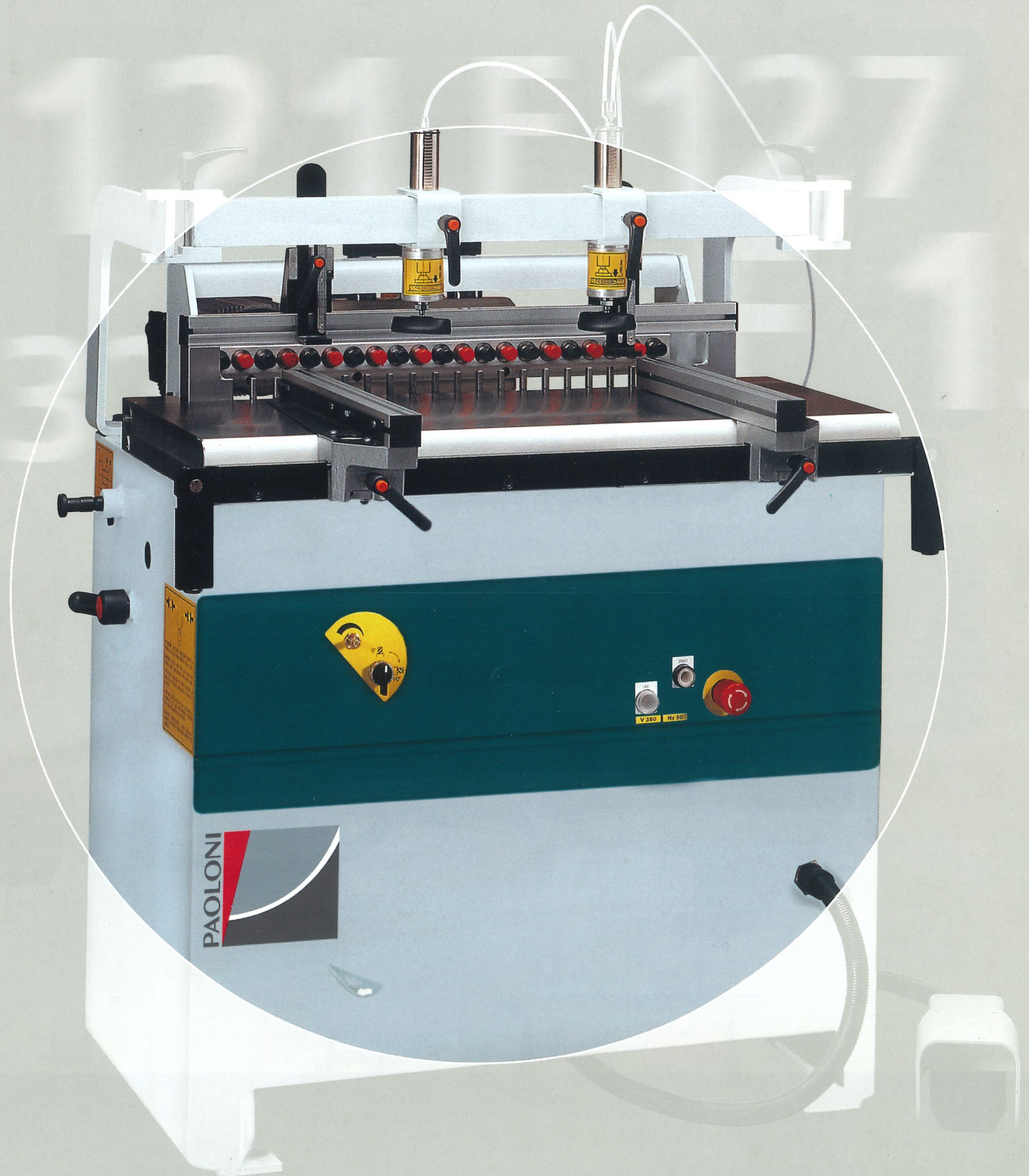


F 121 F 127
F 135 F 321

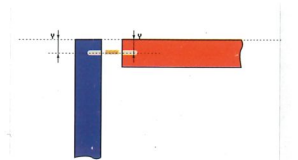
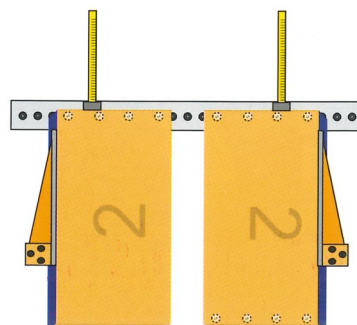
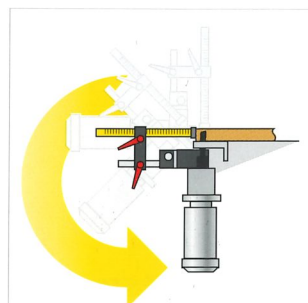
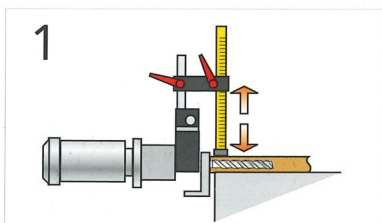
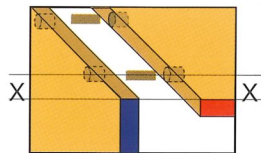
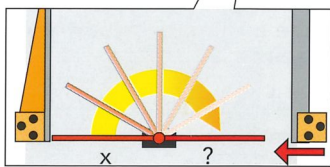
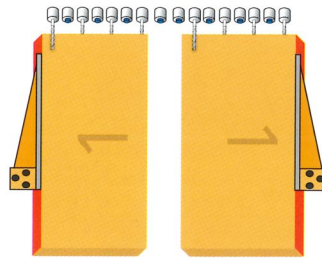
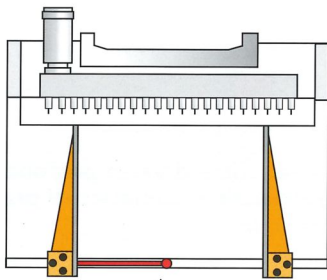
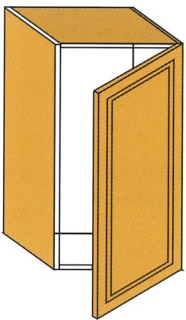
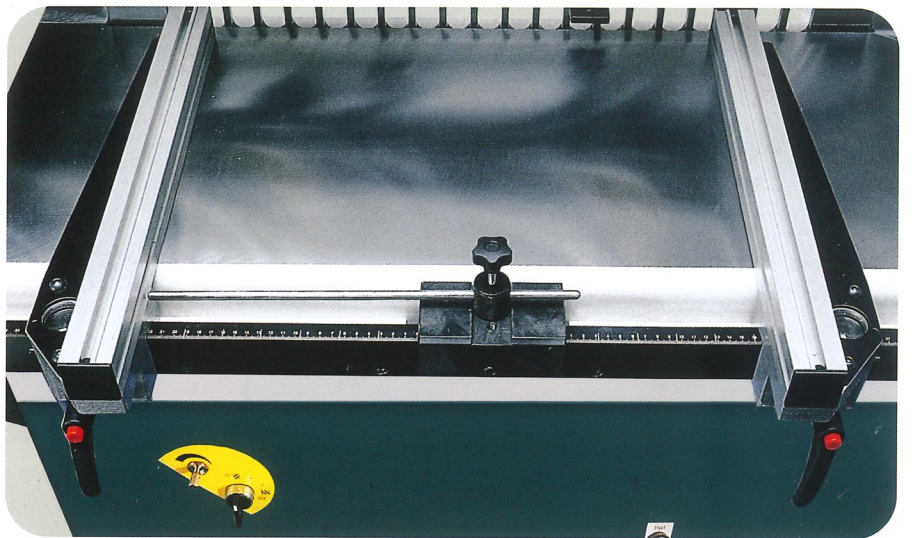
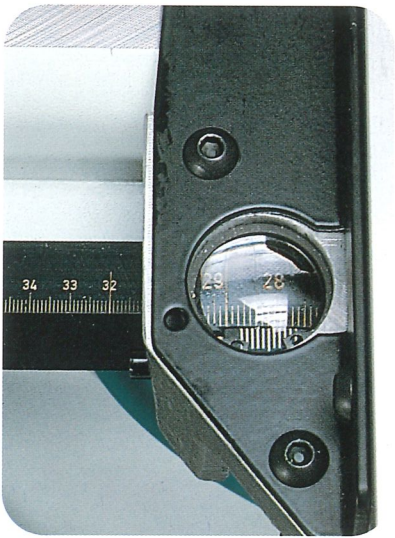


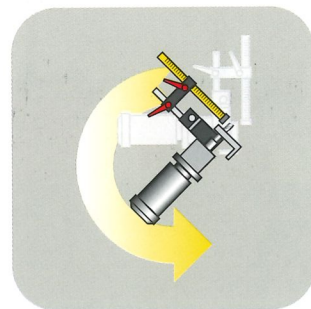
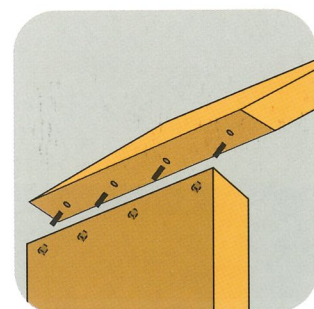
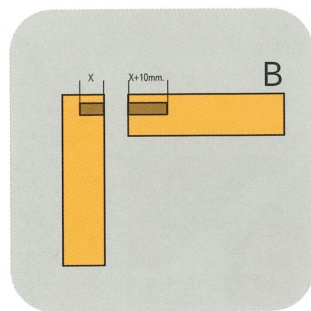
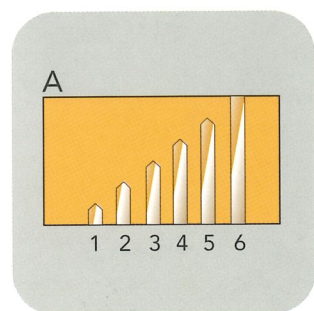
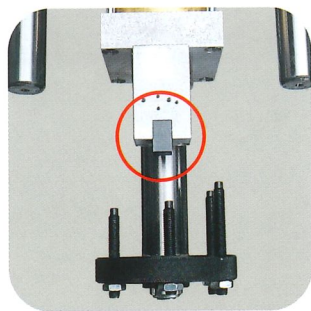
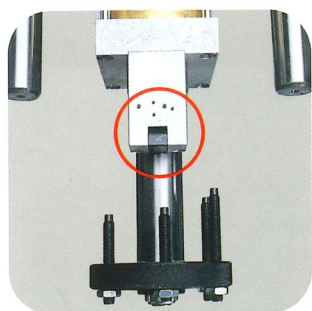
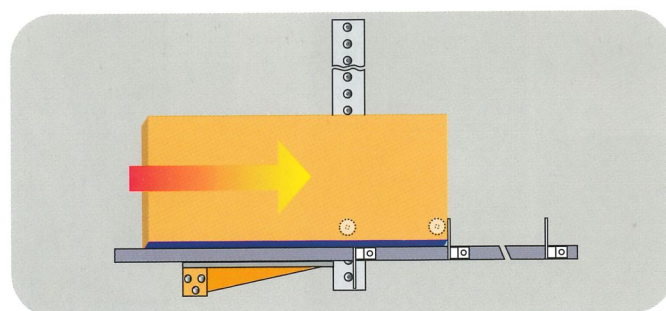
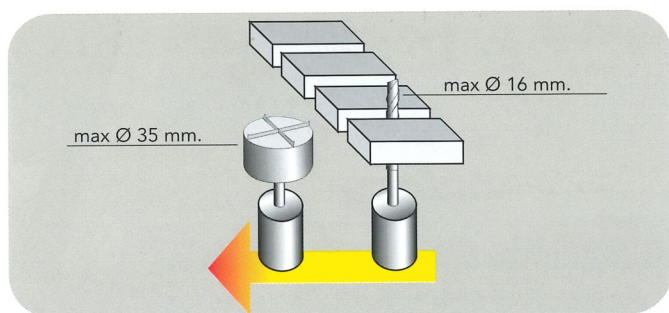
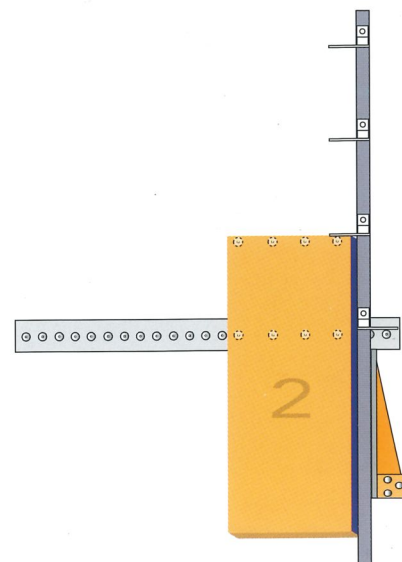
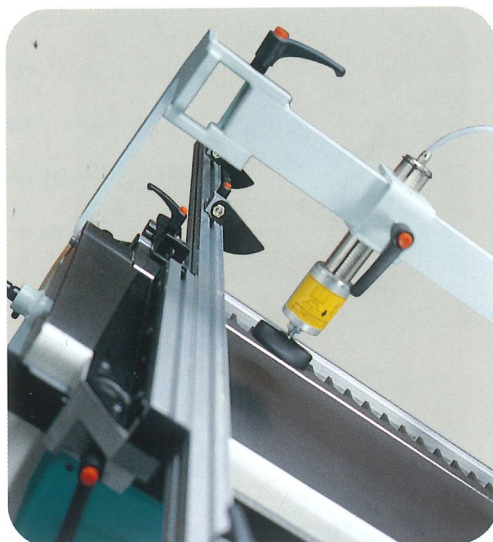
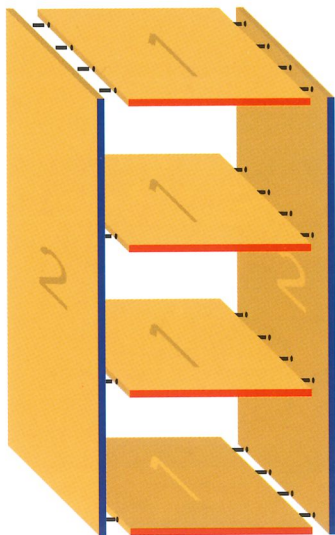
Foratrici semiautomatiche
Semi-automatic boring machines
Halbautomatische Bohrmaschinen
Perceuses semi-automatiques
Taladros semiautomáticos



- Ⓛ 1 Foratrice semiautomatica a 21-27 o 35 mandrini
- ⓖⓑ 1 Semi-automatic boring machine with 21-27 or 35 spindles
- ⓓ 1 Halbautomatische Bohrmaschine mit 21-27 oder 35 Spindeln
- ⓕ 1 Perceuse semi-automatique à 21-27 ou 35 mandrins
- ⓔ 1 Teladro semiautomático con 21-27 o 35 mandriles







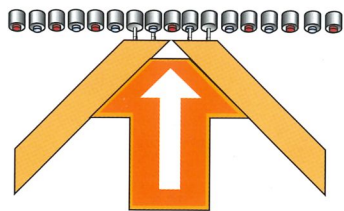
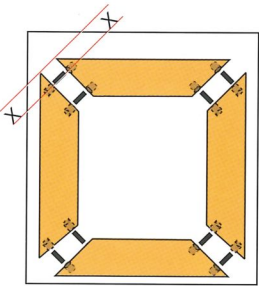
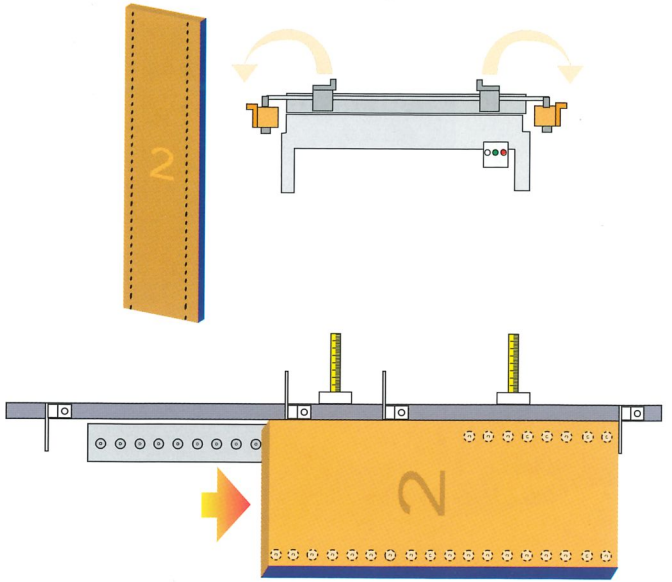
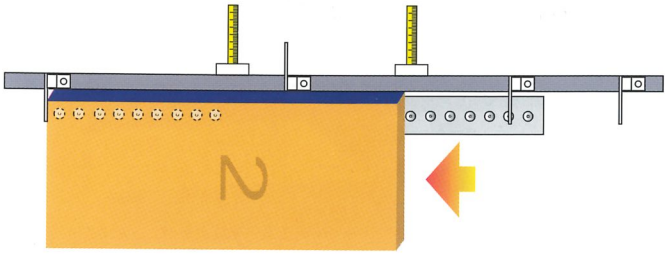
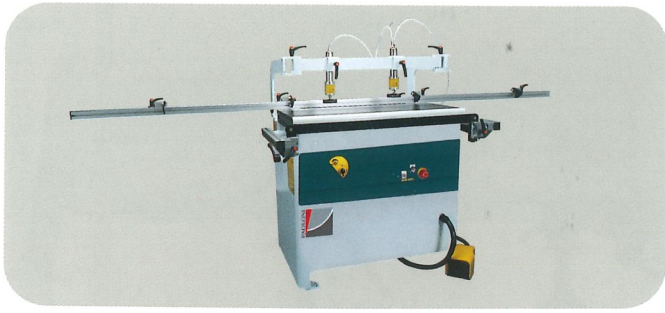
Ⓛ A Revolver con 6 diverse profondità di foratura
B Differenziale automatico di profondità verticale, orizzontale

ⓖⓑ A Turret with 6 different depth positions
B Device to automatically change the vertical horizontal dept

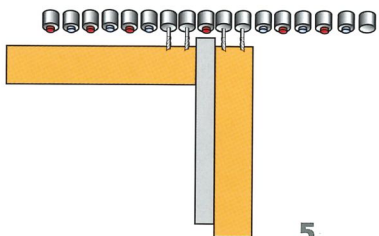
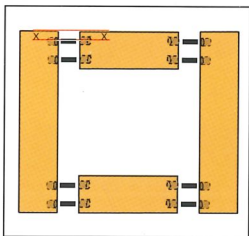
Ⓛⓓ A Revolver mit 6 tiefen
B Systeme für die automatische differenz von der vert-horiz.tiefe

Ⓛⓕ A Revolver avec 6 options the profondeur
B Systeme automatique pour le changement de profondeur vert-hor

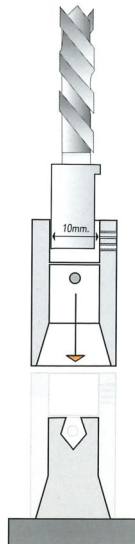
Ⓛⓔ A Revolver con 6 opciones de profundidad
B Automatismo por el cambio de profundidad vertical horizontal



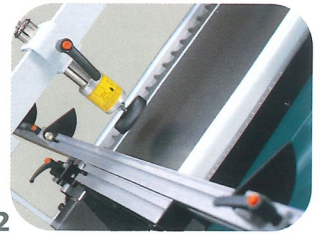
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5

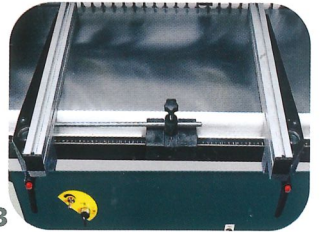


- (I) 2 Barra metrica con 4 battute
- (GB) 2 Alu fence with 4 stops
- (D) 2 Stange mit 4 Anschlägen
- (F) 2 Regle avec 4 butées
- (E) 2 Barra métrica con 4 topes



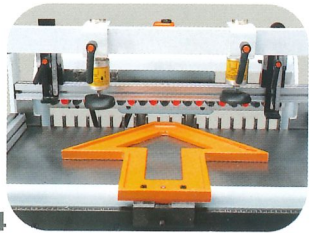
2

- (I) 3 Compasso per simmetria squadre
- (GB) 3 Gauge for symmetry of side fences
- (D) 3 Taster zur Symmetrie der Winkel
- (F) 3 Compas pour symétries équerres
- (E) 3 Compás para simetria a escuadra



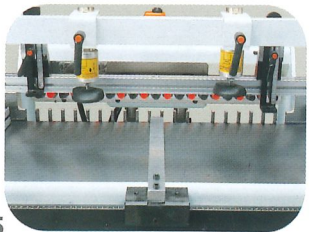
3

- (I) 4 Battuta per quadri a 45°
- (GB) 4 Fence for 45 degree frames
- (D) 4 Anschlag für 45° Vierecke
- (F) 4 Butée pour cadres à 45°
- (E) 4 Tope para cuadros de 45°



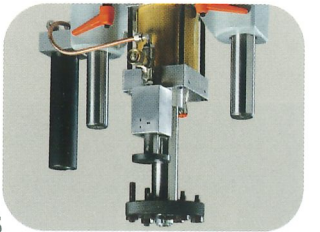
4

- (I) 5 Battuta per quadri a 90°
- (GB) 5 Fence for 90 degree frames
- (D) 5 Anschlag für 90° Vierecke
- (F) 5 Butée pour cadres à 90°
- (E) 5 Tope para cuadros de 90°

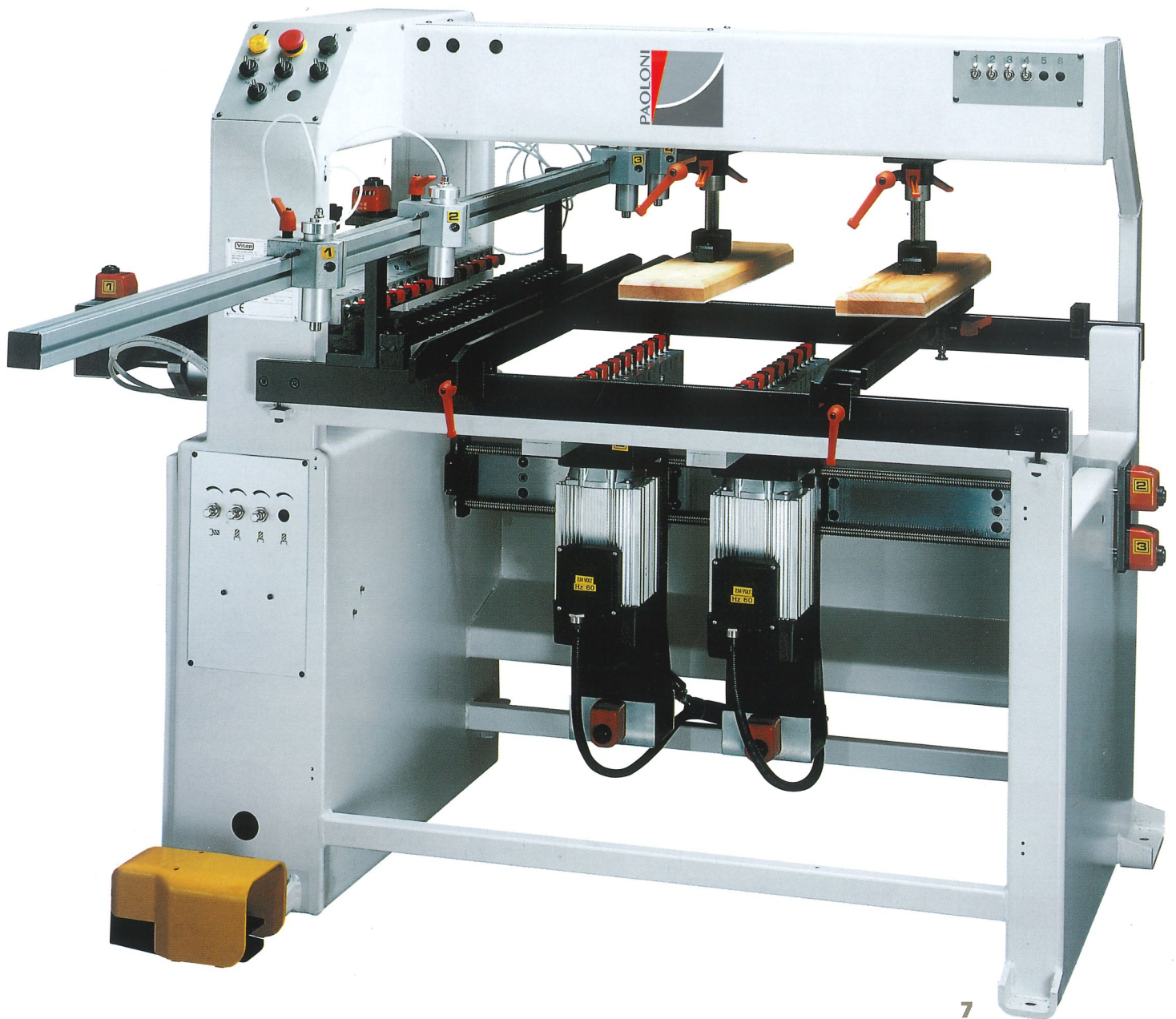


5

- (I) 6 Freno oleodinamico
- (GB) 6 Oil pressure brake
- (D) 6 Öldynamische Bremse
- (F) 6 Fren oléodynamique
- (E) 6 Freno oleodinámico



6



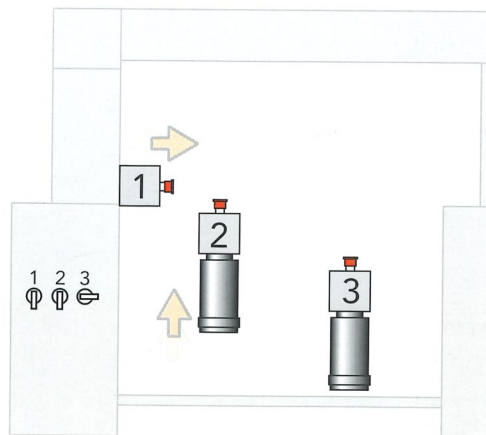
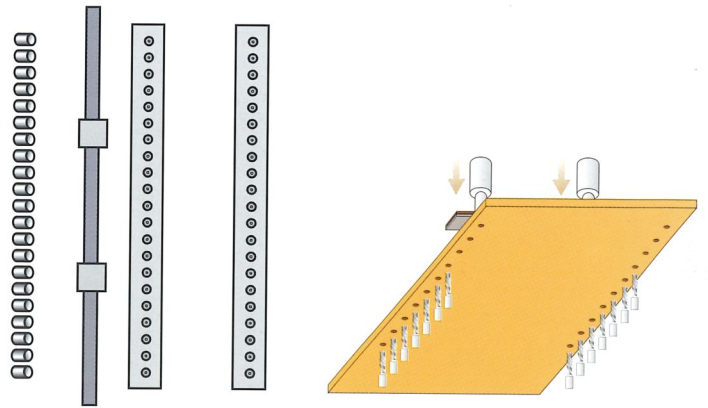
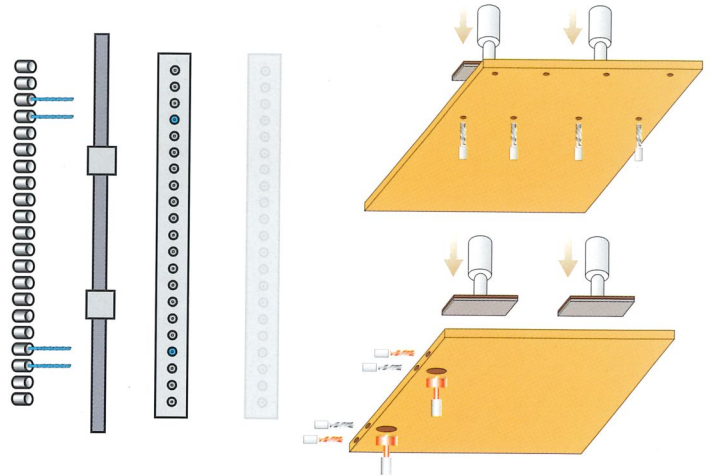
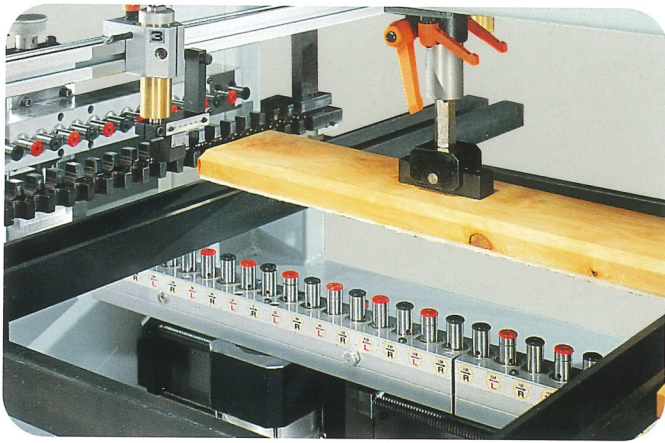
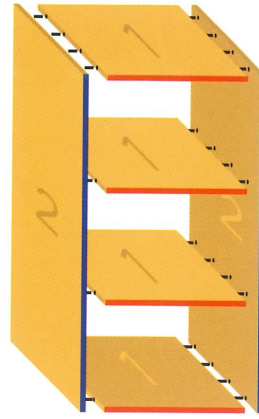
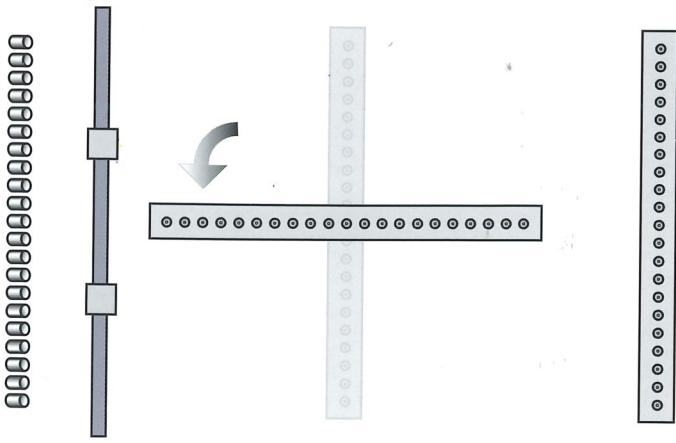
7

F 321

- ① 7 Foratrice semiautomatica con 2 teste verticali ed una orizzontale
- Ⓒ 7 Semiautomatic boring machine with two vertical heads and one horizontal head
- Ⓓ 7 Halbaufautomatische Bohrmaschine mit 2 vertikalen Köpfen und einem horizontalen Kopf
- Ⓕ 7 Perceuse semi-automatique avec deux têtes verticales et une horizontale
- Ⓖ 7 Teladro semiautomático con 2 cabezales verticales y uno horizontal

F 321





I Dati tecnici		F 121	F 127	F 135	F 321	A richiesta
MANDRINI	N.	21	27	35	21+(21+21)	BARRA METRICA CON 4 BATTUTE
INTERASSE TRA OGNI MANDRINO	mm	32	32	32	32	BATTUTA SUPPLEMENTARE
INTERASSE TOTALE TRA IL PRIMO E L'ULTIMO MANDRINO	mm	640	832	1088	640	BATTUTA PER QUADRI A 45°
PROFONDITÀ MAX. DI FORATURA	mm	70	70	70	70	BATTUTA PER QUADRI A 90°
SPESORE MASSIMO PANNELLI	mm	-	-	-	80	BLOCCETTO DI RIFERIMENTO
DIMENSIONE TAVOLO	mm	864 x 500	1056 x 500	1454 x 590	-	COMPASSO PER SIMMETRIA SQUADRE
DIMENSIONE MAX. DEL PEZZO DA FORARE	mm	800 x 3000	992 x 3000	1308 x 3000	-	FRENO OLEODINAMICO
GIRI MANDRINO AL MINUTO	g/min	2800	2800	2800	2800	LASER DI PUNTAMENTO PER FORATURE MULTIPLE
POTENZA MOTORE	kW	1,85	1,85	2,2	3,4	PORTA PUNTA PER ATTACCO RAPIDO PER PUNTA 10 mm
PRESSIONE DI ESERCIZIO	Atm	6-8	6-8	6-8	6-8	PRESSORE SUPPLEMENTARE
DISTANZA MAX. TRA LE TESTE	mm	-	-	-	850	
DISTANZA MIN. TRA LE TESTE	mm	-	-	-	150	
PESO	kg	264	288	314	750	
MISURE DI INGOMBRO	mm	950 x 800 x 1140	1142 x 800 x 1140	1590 x 860 x 1140	1900 x 1200 x 1300	LA DITTA SI RISERVA IL DIRITTO DI APPORTARE MODIFICHE TECNICHE O COSTRUTTIVE.

GB Technical data		F 121	F 127	F 135	F 321	Optional
SPINDLES	N.	21	27	35	21+(21+21)	ALU FENCE WITH 4 STOPS
CENTERDISTANCE BETWEEN EACH SPINDLE	mm	32	32	32	32	EXTRA STOP
TOTAL CENTERDISTANCE BETWEEN FIRST AND LAST SPINDLE	mm	640	832	1088	640	FENCE FOR 45 DEGREE FRAMES
MAXIMUM DEPTH OF HOLE	mm	70	70	70	70	FENCE FOR 90 DEGREE FRAMES
MAX. THICKNESS OF PANELS	mm	-	-	-	80	REFERENCE BLOCK
BOARD DIMENSIONS	mm	864 x 500	1056 x 500	1454 x 590	-	GAUGE FOR SYMETRY OF SIDE FENCES
MAXIMUM DIMENSIONS OF PIECES TO BE DRILLED	mm	800 x 3000	992 x 3000	1308 x 3000	-	OIL PRESSURE BRAKE
SPINDLE ROTATIONS PER MINUTE	r.p.m.	2800	2800	2800	2800	POINTING LASER FOR MULTIPLE ROWS OF HOLES
ENGINE CAPACITY	kW	1.85	1.85	2.2	3.4	QUICK CHUCK ATTACHMENT FOR BITS 10 mm
PRESSURE	Atm	6-8	6-8	6-8	6-8	EXTRA CLAMP
MAX. DISTANCE BETWEEN THE HEADS	mm	-	-	-	850	
MIN. DISTANCE BETWEEN THE HEADS	mm	-	-	-	150	
WEIGHT	kg	264	288	314	750	
OVERALL SIZE	mm	950 x 800 x 1140	1142 x 800 x 1140	1590 x 860 x 1140	1900 x 1200 x 1300	THE COMPANY RESERVES THE RIGHT TO PERFORM TECHNICAL OR MANUFACTURING MODIFICATIONS.

D Technische Daten		F 121	F 127	F 135	F 321	Sonderzubehör
SPINDELN	N.	21	27	35	21+(21+21)	STANGE MIT 4 ANSCHLÄGEN
MITTENABSTAND ZWISCHEN DEN EINZELNEN SPINDELN	mm	32	32	32	32	ZUSATZANSCHLAG
GESAMTER MITTENABSTAND ZWISCHEN DER ERSTEN UND LETZTEN SPINDEL	mm	640	832	1088	640	ANSCHLAG FÜR 45° VIERECKE
MAX. BOHRTIEFE	mm	70	70	70	70	ANSCHLAG FÜR 90° VIERECKE
MAX. ZWISCHENLAGEHOLZPLATTE	mm	-	-	-	80	BEZUGSENDMASS
AUSMAß DES TISCHES	mm	864 x 500	1056 x 500	1454 x 590	-	TASTER ZUR SYMMETRIE DER WINKEL
GRÖßTES AUSMAß DES ZU BOHRENDE TEILE	mm	800 x 3000	992 x 3000	1308 x 3000	-	ÖLDYNAMISCHE BREMSE
SPINDELUMDREHUNGEN PRO MINUTE	UpM	2800	2800	2800	2800	LASER FUER DEN BOHRENZEIGEN
MOTORLEISTUNG	kW	1,85	1,85	2,2	3,4	SCHNELLANSCHLUSS, GEEIGNET FUER DIE AUFNAHME VON BOHREN MIT ZYLINDERANSCHLUSS BOHRERANSCHLUSS mm10
BETRIEBSDRUCK	Atm	6-8	6-8	6-8	6-8	ZUSAETLICHER NIEDERHALTER
MAX. ARBEITS BREITE ZWISCHEN DEN VERTIKAL KOPFEN	mm	-	-	-	850	
MIN. ARBEITS BREITE ZWISCHEN DEN VERTIKAL KOPFEN	mm	-	-	-	150	
WEIGHT	kg	264	288	314	750	
AUBENMAßE	mm	950 x 800 x 1140	1142 x 800 x 1140	1590 x 860 x 1140	1900 x 1200 x 1300	DIE FIRMA BEHÄLT SICH DAS RECHT VOR, EVENTUELLE TECHNISCHE ODER BAULICHE VERÄNDERUNGEN VORZUNEHMEN.

F Données techniques		F 121	F 127	F 135	F 321	Sur demande
MANDRINS	N.	21	27	35	21+(21+21)	REGLE AVEC 4 BUTÉES
ENTRE-AXE ENTRE CHAQUE MANDRIN	mm	32	32	32	32	BUTÉE SUPPLÉMENTAIRE
ENTRE-AXE TOTAL ENTRE LE PREMIER ET LE DERNIER MANDRIN	mm	640	832	1088	640	BUTÉE POUR CADRES À 45°
PROFONDEUR MAX. DE PERCAGE	mm	70	70	70	70	BUTÉE POUR CADRES À 90°
MAX. ÉPAISSEUR DES PANNEAUX	mm	-	-	-	80	BLOCK DE RÉFÉRENCE
DIMENSION TABLE	mm	864 x 500	1056 x 500	1454 x 590	-	COMPAS POUR SYMÉTRIES ÉQUERRES
DIMENSION MAX. DE LA PIÈCE À PERCER	mm	800 x 3000	992 x 3000	1308 x 3000	-	FREN OLÉODYNAMIQUE
TOURS DU MANDRIN À LA MINUTE	t/min	2800	2800	2800	2800	LASER PERÇAGES MULTIPLES
PUISSANCE MOTEUR	kW	1,85	1,85	2,2	3,4	PORTE-MÊCHE POUR ATTACHE RAPIDE
PRESSON D'EXERCICE	Atm	6-8	6-8	6-8	6-8	PRESSEUR SUPPLÉMENTAIRE
LARGEUR MAX. ENTRE LES TESTES VERTICALES	mm	-	-	-	850	
LARGEUR MIN. ENTRE LES TESTES VERTICALES	mm	-	-	-	150	
POIDS	kg	264	288	314	750	
MESURES D'ENCOMBREMENT	mm	950 x 800 x 1140	1142 x 800 x 1140	1590 x 860 x 1140	1900 x 1200 x 1300	LE CONSTRUCTEUR SE RESERVE LE DROIT D'APPORTER DES MODIFICATIONS TECHNIQUES OU DE FABRICATION.

E Datos técnicos		F 121	F 127	F 135	F 321	A pedido
MANDRILES	N.	21	27	35	21+(21+21)	BARRA MÉTRICA CON 4 TOPEs
INTEREJE ENTRE CADA MANDRIL	mm	32	32	32	32	TOPE ADICIONAL
DISTANCIA TOTAL ENTRE EL PRIMERO Y EL ÚLTIMO MANDRIL	mm	640	832	1088	640	TOPE PARA CUADROS DE 45°
PROFUNDIDAD MÁX. DE PERFORACION	mm	70	70	70	70	TOPE PARA CUADROS DE 90°
ALTURA MAXIMA PANELES	mm	-	-	-	80	BLOQUE DE REFERENCIA
MEDIDAS MESA DE TRABAJO	mm	864 x 500	1056 x 500	1454 x 590	-	COMPÁS PARA SIMETRIA A ESCUADRA
MEDIDAS MÁX. DE LA PIEZA PARA TALADRAR	mm	800 x 3000	992 x 3000	1308 x 3000	-	FRENO OLEODINÁMICO
REVOLUCIONES DE MANDRIL POR MINUTO	r.p.m.	2800	2800	2800	2800	LÁSER APUNTADOR PARA TALADRADO MÚLTIPLE
POTENCIA MOTOR	kW	1,85	1,85	2,2	3,4	PORTABROCA PARA CONEXIÓN RÁPIDA, PARA BROCA DE 10 mm
PRESION DE EJERCICIO	Atm	6-8	6-8	6-8	6-8	PRESOR ADICIONAL
DISTANCIA MAXIMA ENTRE LOS CABEZALES	mm	-	-	-	850	
DISTANCIA MINIMA ENTRE LOS CABEZALES	mm	-	-	-	150	
PESO	kg	264	288	314	750	
MEDIDAS EXTERIORES	mm	950 x 800 x 1140	1142 x 800 x 1140	1590 x 860 x 1140	1900 x 1200 x 1300	LA EMPRESA SE RESERVA EL DERECHO DE HACER EVENTUALES MODIFICACIONES TÉCNICAS O DE FABRICATION.

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SISTEMA QUALITÀ CERTIFICATO ISO 9001



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