SERRMAC





NEXT ETD

ITA/ENG

TRAPANI A COLONNA
Collumn Drills

SERIE NEXT
22 25 30

La Serie NEXT comprende trapani da banco e a colonna con trasmissione a pulegge, disponibili anche con inverter elettronico (E) per la regolazione della velocità.

Macchine precise e affidabili, progettate per garantire continuità operativa e qualità costante nel tempo.

È possibile scegliere il tipo di banco di lavoro: piano normale, piano girevole, piano girevole con morsa integrata o tavola a croce per adattarsi facilmente a diverse esigenze operative.

The NEXT Series includes benchtop and column drills with belt transmission, also available with an electronic inverter (E) for speed control.

Precise and reliable machines, designed to ensure continuous operation and consistent quality over time.

The worktable can be selected: standard table, rotating table, rotating table with integrated vise, or cross table, easily adapting to different operational needs.



NEXT22



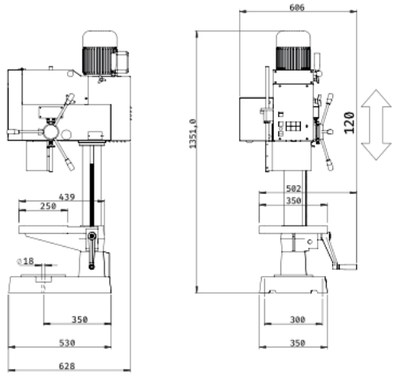
NEXT22



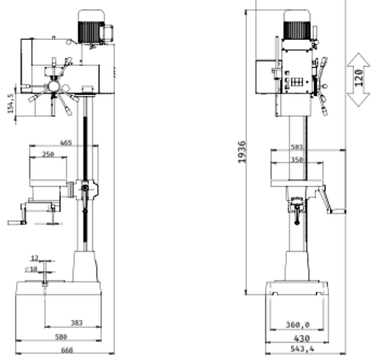
NEXT25

NEXT22
NEXT22E

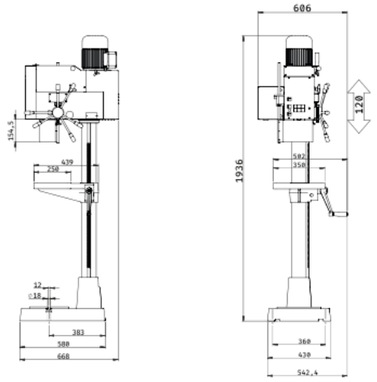
BANCO TR / BENCH TR



COLONNA PGM / COLUMN PGM



COLONNA TR / COLUMN TR

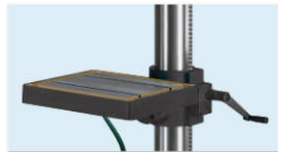




Configurazioni base
Basic configurations

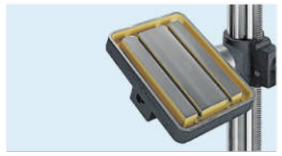
- Asse mandrino di precisione con cono morse temprato
  Precision spindle shaft with hardened morse taper
- Illuminazione LED 24V
  LED Lighting 24V
- Piano base lavorato
  Machined base table
- Colonna rettificata
  Adjusted column

Scelta del piano Choice of plan	**NEXT22** Banco/Bench	**NEXT22** Colonna/Drill	**NEXT22E** Banco/Bench	**NEXT22E** Colonna/Drill
Tavola rettangolare *Rectangular table (**TR**)*	cod. 2700	cod. 2710	cod. 2720	cod. 2730
Piano Girevole *Tilting table (**PG**)*	cod. 2702	cod. 2712	cod. 2722	cod. 2732
Piano Girevole Morsa *Tilting table and vice bench (**PGM**)*	cod. 2704	cod. 2714	cod. 2724	cod. 2734
Tavola a croce *Cross table column (**TC**)*		cod. 2716		cod. 2736



TR 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



PG 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



PGM 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



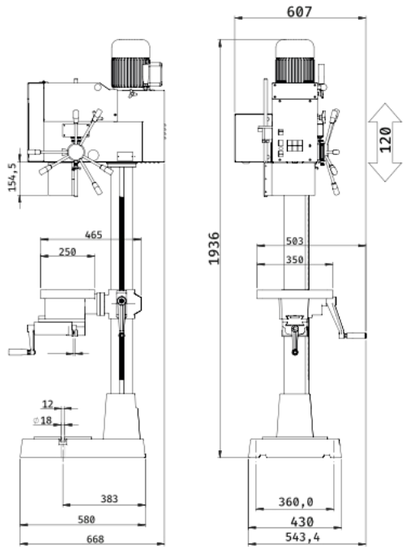
TC 475x153mm

16 / 25 Interasse cave a T 60mm
T-slot center distance 60mm

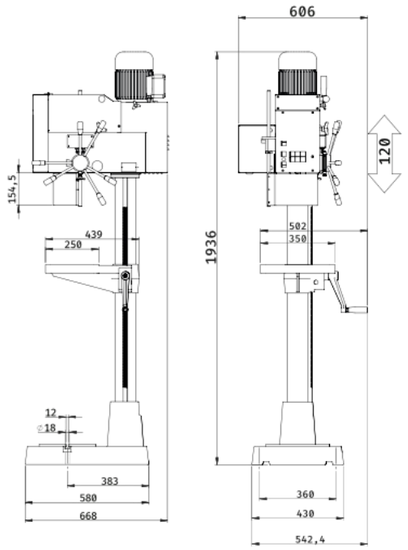
Dati tecnici Technical data		**NEXT22**		**NEXT22E**
Foratura su acciaio ~ *Steel drilling*	mm	Ø 22		
Maschiatura ~ *Tapping*		M14		
Attacco cono ~ *Cone attachment*		CM2		
Diametro colonna ~ *Column diameter*	mm	98		
Corsa del mandrino ~ *Spindle travel*	mm	120		
Trasmissione ~ *Transmission*		Pulegge		Var. Elettronico
N. velocità ~ *Speed NO.*		5 (PU)	10 (PU) opt	Variabile (PU)
N. Giri ~ *No. of turns*	rpm	450-3000	225-3000 opt	270-4200
Potenza motore ~ *Engine power*	kW	0,75	0,55-1 opt	0,75
Alimentazione ~ *Power supply*	V	400v 3~		230V 2~
Peso ~ *Weight*	Kg	90 Banco *Bench* / 170 Colonna *Drill*		

NEXT25
NEXT25E

COLONNA PGM / COLUMN PGM



COLONNA TR / COLUMN TR

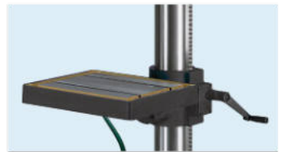




Configurazioni base
Basic configurations

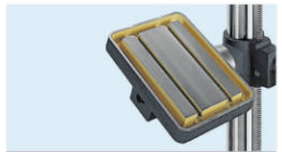
- Asse mandrino di precisione con cono morse temprato
  Precision spindle shaft with hardened morse taper
- Illuminazione LED 24V
  LED Lighting 24V
- Piano base lavorato
  Machined base table
- Colonna rettificata
  Adjusted column

Scelta del piano Choice of plan	**NEXT25** Colonna/Drill	**NEXT25E** Colonna/Drill
Tavola rettangolare *Rectangular table (**TR**)*	cod. 2800	cod. 2810
Piano Girevole *Tilting table (**PG**)*	cod. 2802	cod. 2812
Piano Girevole Morsa *Tilting table and vice bench (**PGM**)*	cod. 2804	cod. 2814
Tavola a croce *Cross table column (**TC**)*	cod. 2806	cod. 2816



TR 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



PG 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



PGM 350x250mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm



TC 475x153mm

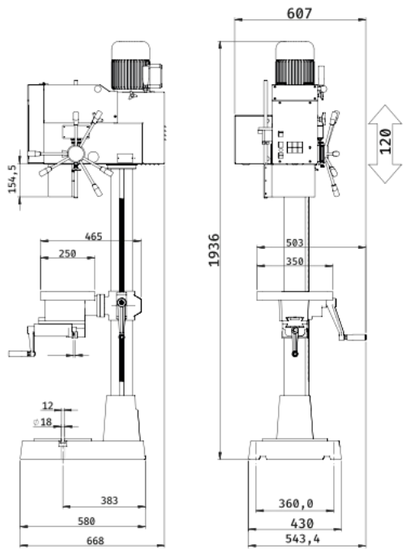
16 / 25 Interasse cave a T 60mm
T-slot center distance 60mm

Dati tecnici Technical data		**NEXT25**		**NEXT25E**
Foratura su acciaio ~ *Steel drilling*	mm	Ø 25		
Maschiatura ~ *Tapping*		M16		
Attacco cono ~ *Cone attachment*		CM3		
Diametro colonna ~ *Column diameter*	mm	98		
Corsa del mandrino ~ *Spindle travel*	mm	120		
Trasmissione ~ *Transmission*		Pulegge		Var. Elettronico
N. velocità ~ *Speed NO.*		12 (PU)	24 (PU) opt	Variabile (PU)
N. Giri ~ *No. of turns*	rpm	164-2460	125-3830 opt	98-3600
Potenza motore ~ *Engine power*	kW	0,75	0,55-1 opt	0,75
Alimentazione ~ *Power supply*	V	400v 3~		230V 2~
Peso ~ *Weight*	Kg	185		

NEXT30



COLONNA PGM / COLUMN PGM



Configurazioni base
Basic configurations

- Asse mandrino di precisione con cono morse temprato
  Precision spindle shaft with hardened morse taper
- Illuminazione LED 24V
  LED Lighting 24V
- Piano base lavorato
  Machined base table
- Colonna rettificata
  Adjusted column

Scelta del piano Choice of plan	**NEXT30** Colonna/Drill
Piano Girevole Morsa *Tilting table and vice bench (**PGM**)*	cod. 2904
Tavola a croce *Cross table column (**TC**)*	cod. 2906



PGM 350x250mm



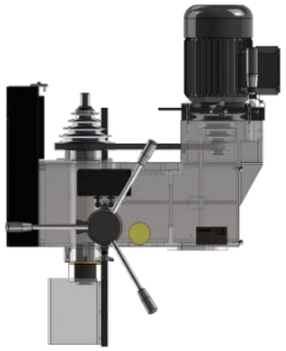
TC 475x153mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm

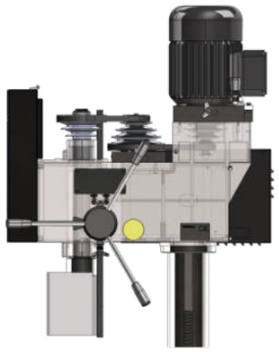
16 / 25 Interasse cave a T 60mm
T-slot center distance 60mm

Dati tecnici Technical data		**NEXT30**
Foratura su acciaio ~ *Steel drilling*	mm	Ø 30
Maschiatura ~ *Tapping*		M18
Attacco cono ~ *Cone attachment*		CM3
Diametro colonna ~ *Column diameter*	mm	98
Corsa del mandrino ~ *Spindle travel*	mm	120
Trasmissione ~ *Transmission*		Pulegge
N. velocità ~ *Speed NO.*		24 (PU)
N. Giri ~ *No. of turns*	rpm	95-2270
Potenza motore ~ *Engine power*	kW	0,55-1
Alimentazione ~ *Power supply*	V	400v 3~
Peso ~ *Weight*	Kg	220

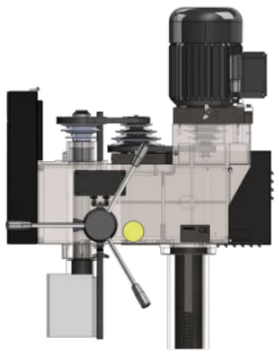
Trasmissioni
Transmissions



Pulegge a gradini NEXT22 - NEXT22E
Stepped pulleys NEXT22 - NEXT22E



Pulegge a gradini NEXT25 - NEXT25E
Stepped pulleys NEXT25 - NEXT25E



Pulegge a gradini NEXT30
Stepped pulleys NEXT30

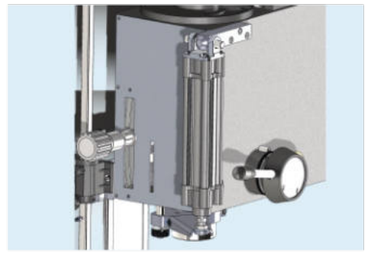
NEXT

Opzioni
Options

Opzioni Options **NEXT**	COD	NEXT22	NEXT22E	NEXT25	NEXT25E	NEXT30
Motore a due velocità *Two-speed motor*	18045	O		O		STD
Filettatura mediante teleinvertitore 24V *Threading with 24V inverter*	18080	O	STD	O	STD	O
Impianto di refrigerazione utensile *Tool cooling system*	18020*	O	O	O	O	O
Impianto elettrico per tensioni diverse da 230/400V 50Hz *Electrical system for voltages other than 230/400V 50Hz*	40032	O		O		O
Pistone di bilanciamento per testa a fusi multipli con peso maggiore di 3 kg *Balancing piston for multiple spindle heads with weight greater than 3 kg*	40011	O	O	O	O	O



Cod. 18080



Cod. 40011



Testa a fusi multipli fissi o registrabilidisponibile su richiesta.
Multiple-Spindle Head Available on Request

*Con l'acquisto dell'impianto di refrigerazione utensile cod. 18020 è inclusa anche la vasca raccogli trucioli.

**The purchase of the tool cooling system code 18020 also includes the chip collection tank.*



TRAPANI A COLONNA
Collumn Drills

SERIE ETD 22 30

La Serie ETD22 comprende trapani elettronici con trasmissione diretta e variazione continua della velocità tramite inverter, disponibili da banco o a colonna.

Il pannello comandi a membrana con display permette di monitorare facilmente giri mandrino e profondità, mentre il motore a 2 velocità lavora in sinergia con l'inverter, eliminando il cambio cinghia.

È possibile configurare il piano di lavoro tra piano normale, piano girevole, piano girevole con morsa o tavola a croce.

Una macchina intuitiva e completa, ideale per chi cerca precisione, praticità e continuità operativa.

The ETD22 Series includes electronic drills with direct transmission and continuous speed variation via inverter, available as benchtop or column models.

The membrane control panel with display allows easy monitoring of spindle speed and drilling depth, while the 2-speed motor works with the inverter to automatically manage gear changes, eliminating the need for belt adjustments.

The worktable can be configured as a standard table, rotating table, rotating table with integrated vise, or cross table.

An intuitive and complete machine, ideal for those seeking precision, practicality, and uninterrupted operation.



ETD22



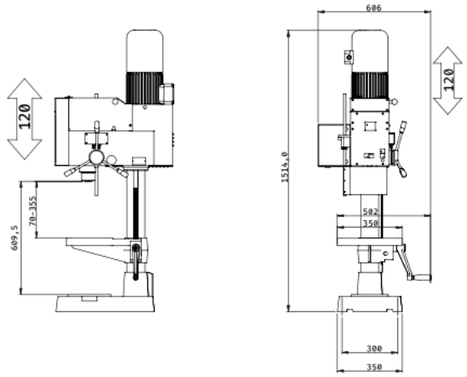
ETD22B



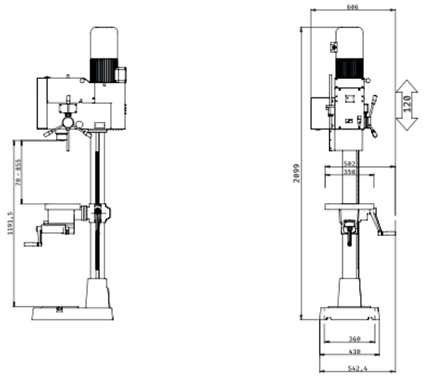
EDT30

ETD22

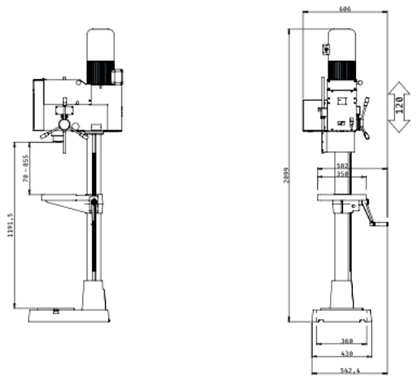
BANCO TR / BENCH TR



COLONNA PGM / COLUMN PGM



COLONNA TR / COLUMN TR

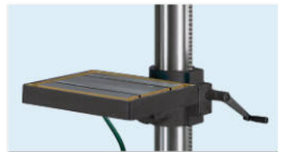




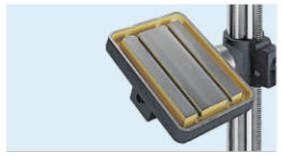
Configurazioni base
Basic configurations

- Asse mandrino di precisione con cono morse temprato.
  Precision spindle axis with hardened vice taper
- Display digitale con indicazione numero di giri del mandrino
  Digital display with spindle speed indication
- Maschiatura con regolazione della profondità di lavoro
  Tapping with working depth adjustment
- Illuminazione LED 24V
  LED Lighting 24V
- Pannello di comando elettronico a membrana
  Electronic membrane control panel
- Pulsante di inversione rotazione del mandrino
  Button for reversing spindle rotation

Scelta del piano Choice of plan	**ETD22** Banco/Bench	**ETD22** Colonna/Drill
Tavola rettangolare *Rectangular table (**TR**)*	cod. 2740	cod. 2750
Piano Girevole *Tilting table (**PG**)*	cod. 2742	cod. 2752
Piano Girevole Morsa *Tilting table and vice bench (**PGM**)*	cod. 2744	cod. 2754
Tavola a croce *Cross table column (**TC**)*		cod. 2756



TR 350x250mm



PG 350x250mm



PGM 350x250mm



TC 475x153mm

12 / 21 Interasse cave a T 100mm *T-slot center distance 100mm*

12 / 21 Interasse cave a T 100mm *T-slot center distance 100mm*

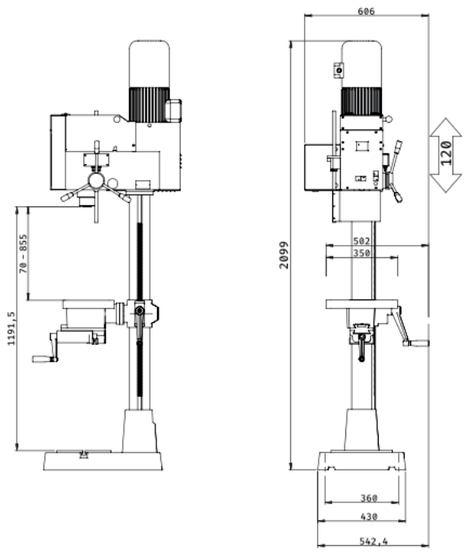
12 / 21 Interasse cave a T 100mm *T-slot center distance 100mm*

16 / 25 Interasse cave a T 60mm *T-slot center distance 60mm*

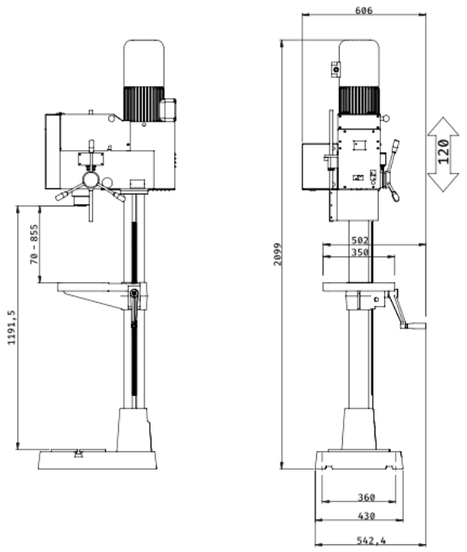
Dati tecnici Technical data		**ETD22**	
Foratura su acciaio ~ *Steel drilling*	mm	Ø 22	
Maschiatura ~ *Tapping*		M14	
Attacco cono ~ *Cone attachment*		CM2	
Diametro colonna ~ *Column diameter*	mm	98	
Corsa del mandrino ~ *Spindle travel*	mm	120	
Trasmissione ~ *Transmission*		Diretta con Inverter	
N. velocità ~ *Speed NO.*		Variabile	
N. Giri ~ *No. of turns*	rpm	280 - 4100	
Potenza motore ~ *Engine power*	kW	3	2,2 magneti permanenti opt
Alimentazione ~ *Power supply*	V	400v 3~	230V 2~ opt
Peso ~ *Weight*	Kg	90 Banco / 170 Colonna	

ETD30

COLONNA PGM / COLUMN PGM



COLONNA TR / COLUMN TR

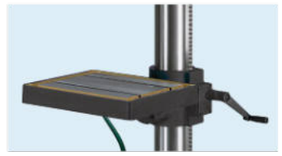




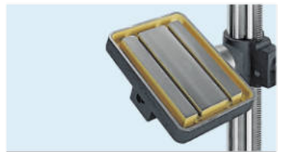
Configurazioni base
Basic configurations

- Asse mandrino di precisione con cono morse temprato.
  Precision spindle axis with hardened vice taper
- Display digitale con indicazione numero di giri del mandrino
  Digital display with spindle speed indication
- Maschiatura con regolazione della profondità di lavoro
  Tapping with working depth adjustment
- Illuminazione LED 24V
  LED Lighting 24V
- Pannello di comando elettronico a membrana
  Electronic membrane control panel
- Pulsante di inversione rotazione del mandrino
  Button for reversing spindle rotation

Scelta del piano Choice of plan	**ETD30**
Tavola rettangolare *Rectangular table (**TR**)*	cod. 2830
Piano Girevole *Tilting table (**PG**)*	cod. 2832
Piano Girevole Morsa *Tilting table and vice bench (**PGM**)*	cod. 2834
Tavola a croce *Cross table column (**TC**)*	cod. 2836



TR 350x250mm



PG 350x250mm



PGM 350x250mm



TC 475x153mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm

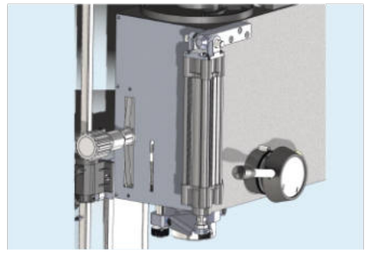
12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm

12 / 21 Interasse cave a T 100mm
T-slot center distance 100mm

16 / 25 Interasse cave a T 60mm
T-slot center distance 60mm

Dati tecnici Technical data		**ETD30**	
Foratura su acciaio ~ *Steel drilling*	mm	Ø 30	
Maschiatura ~ *Tapping*		M18	
Attacco cono ~ *Cone attachment*		CM3	
Diametro colonna ~ *Column diameter*	mm	98	
Corsa del mandrino ~ *Spindle travel*	mm	120	
Trasmissione ~ *Transmission*		Diretta con Inverter	
N. velocità ~ *Speed NO.*		Variabile	
N. Giri ~ *No. of turns*	rpm	160 - 2310	
Potenza motore ~ *Engine power*	kW	3	2,2 magneti permanenti opt
Alimentazione ~ *Power supply*	V	400v 3~	230V 2~ opt
Peso ~ *Weight*	Kg	185	

Opzioni
Options



Cod. 40011



Opzioni
Options

Opzioni Options **ETD**	**COD**
Discesa mandrino automatica UR80E *Automatic spindle descent UR80E*	30020
Impianto di refrigerazione utensile *Tool cooling system*	18020*
Impianto elettrico per tensioni diverse da 230/400V 50Hz *Electrical system for voltages other than 230/400V 50Hz*	40032
Pistone di bilanciamento per testa a fusi multipli con peso maggiore di 3 kg *Balancing piston for multi spindle head with weight greater than 3 kg*	40011
Visualizzatore di quote con risoluzione centesimale Asse Z con azzeramento parziale della quota. *Digital readout with centesimal resolution for Z-axis with partial datum reset*	40028



Testa a fusi multipli fissi o registrabilidisponibile su richiesta.
Multiple-Spindle Head Available on Request

*Con l'acquisto dell'impianto di refrigerazione utensile cod. 18020 è inclusa anche la vasca raccogli trucioli.

**The purchase of the tool cooling system code 18020 also includes the chip collection tank.*



SERRMAC

Serrmac International S.r.l.
via delle Industrie, 9
33070 Polcenigo (PN), Italy
www.serrmac.it - info@serrmac.it