

MADE IN ITALY

SERRMAC[®]
TECNOLOGIA E QUALITÀ MADE IN ITALY dal 1950

SERIE R

Trapani / *Drilling-Machines*



R32_R32E



R40_R40E



R45_R45E

CE

ITA_EN

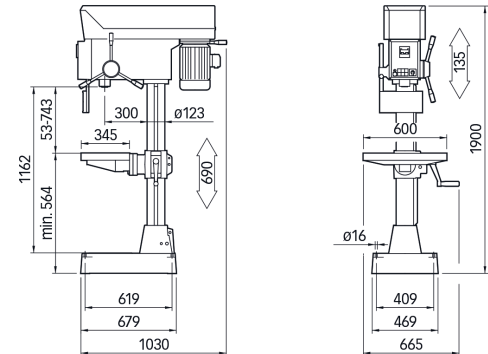
R 32

TRAPANO SERIE MEDIO-PESANTE
CON TRASMISSIONE AD ALTO RENDIMENTO

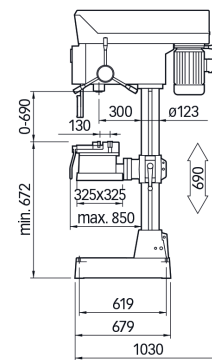
MEDIUM-SIZE DRILLING MACHINE
WITH HIGH PERFORMANCE TRANSMISSION



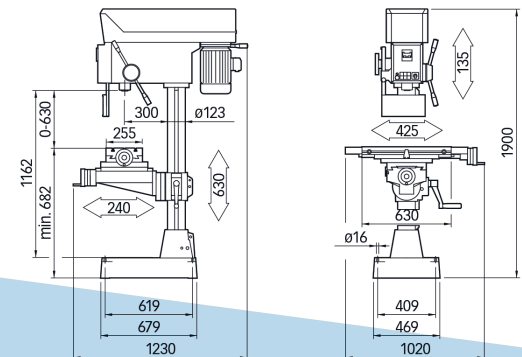
TR



PGM



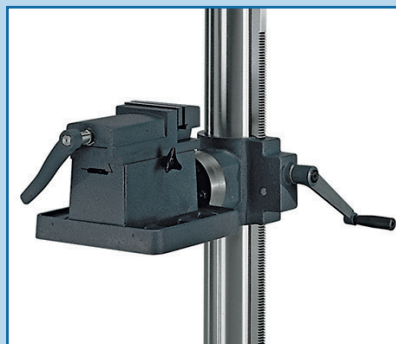
TC



TR: 600 x 345 mm
Tavola rettangolare
Rectangular table with rack



PGM: 325 x 325 mm
Piano girevole morsa
Tilting table with vice and rack



TC: 630 x 255 mm
Tavola croce
Cross table



VARIABLE

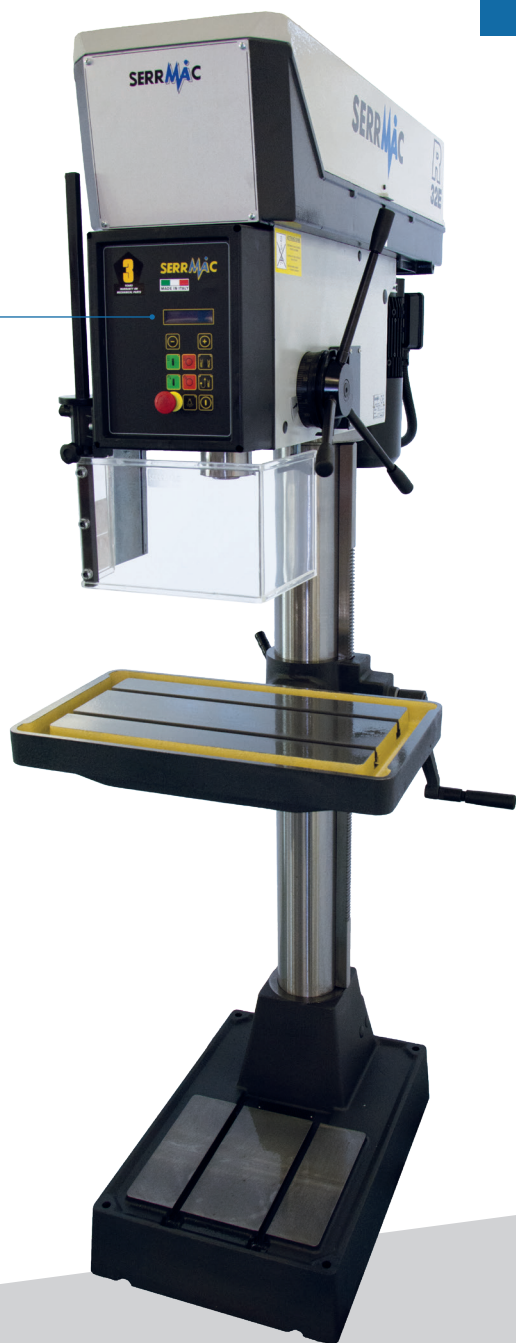
R 32E

**TRAPANO SERIE MEDIO-PESANTE
CON TRASMISSIONE AD ALTO RENDIMENTO
E VARIATORE GIRI ELETTRONICO**

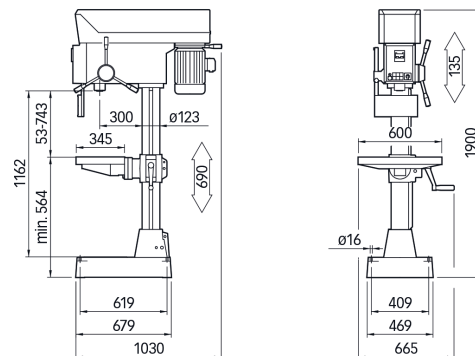
*MEDIUM-SIZE DRILLING MACHINE
WITH HIGH PERFORMANCE TRANSMISSION
AND ELECTRONIC POTENTIOMETER*



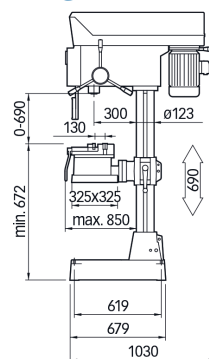
Inverter



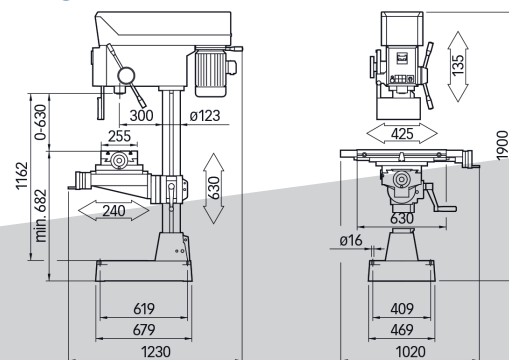
TR



PGM



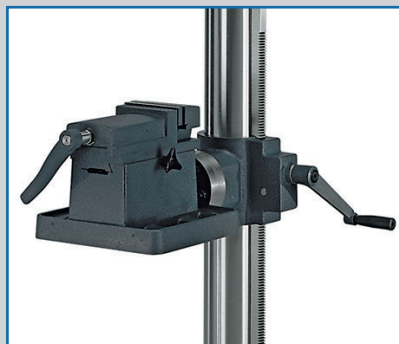
TC



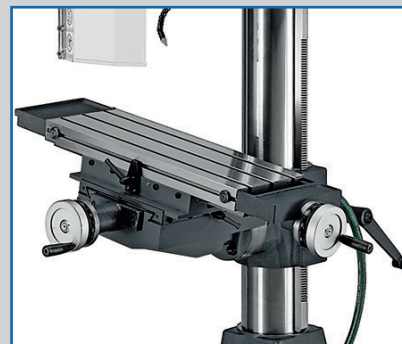
TR: 600 x 345 mm
Tavola rettangolare
Rectangular table with rack



PGM: 325 x 325 mm
Piano girevole morsa
Tilting table with vice and rack



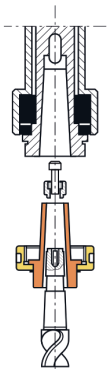
TC: 630 x 255 mm
Tavola croce
Cross table



R 40

TRAPANO SERIE MEDIO-PESANTE CON TRASMISSIONE AD ALTO RENDIMENTO

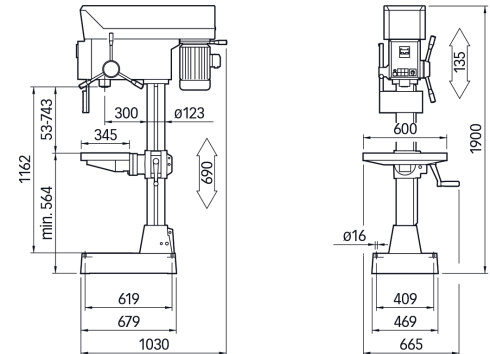
MEDIUM-SIZE DRILLING MACHINE
WITH HIGH PERFORMANCE TRANSMISSION



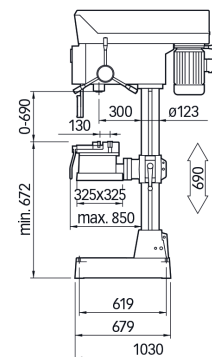
M60 X 2,5

Asse mandrino filettato
per bloccaggio utensile CM4
Threaded quill nose
for toll fitting MT4

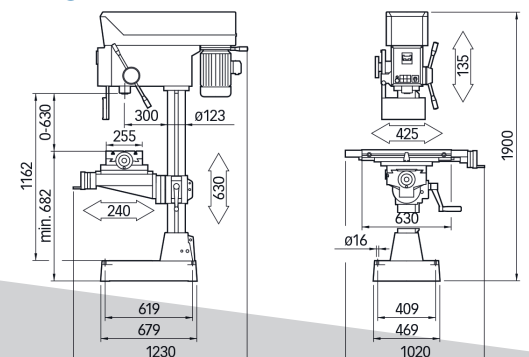
TR



PGM



TC



TR: 600 x 345 mm
Tavola rettangolare
Rectangular table with rack



PGM: 325 x 325 mm
Piano girevole morsa
Tilting table with vice and rack



TC: 630 x 255 mm
Tavola croce
Cross table



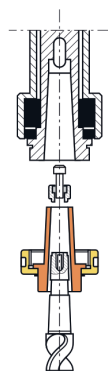
R 40E

TRAPANO SERIE MEDIO-PESANTE
CON TRASMISSIONE AD ALTO RENDIMENTO
E VARIATORE GIRI ELETTRONICO

MEDIUM-SIZE DRILLING MACHINE
WITH HIGH PERFORMANCE TRANSMISSION
AND ELECTRONIC POTENTIOMETER



Inverter

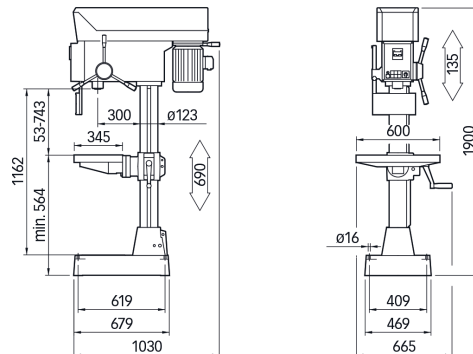


M60 X 2,5

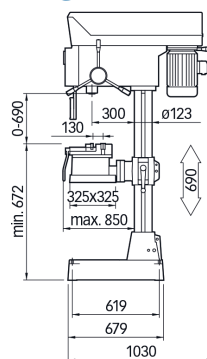
Asse mandrino filettato
per bloccaggio utensile CM4
Threaded quill nose
for toll fitting MT4



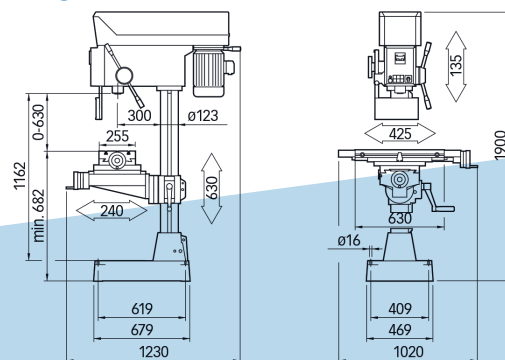
TR



PGM



TC



TR: 600 x 345 mm
Tavola rettangolare
Rectangular table with rack



PGM: 325 x 325 mm
Piano girevole morsa
Tilting table with vice and rack



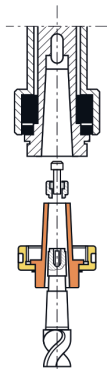
TC: 630 x 255 mm
Tavola croce
Cross table



R 45

TRAPANO A COLONNA SERIE PESANTE

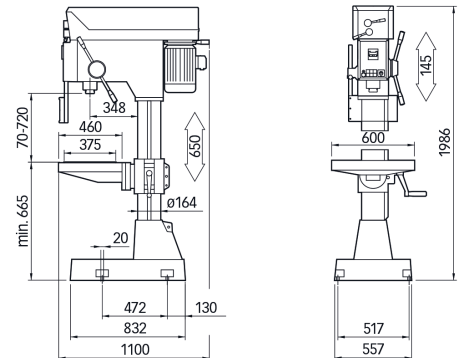
HEAVY-SIZE
DRILLING MACHINE



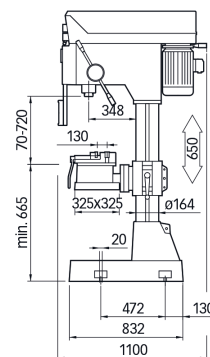
M60 X 2,5

Asse mandrino filettato
per bloccaggio utensile CM4
Threaded quill nose
for toll fitting MT4

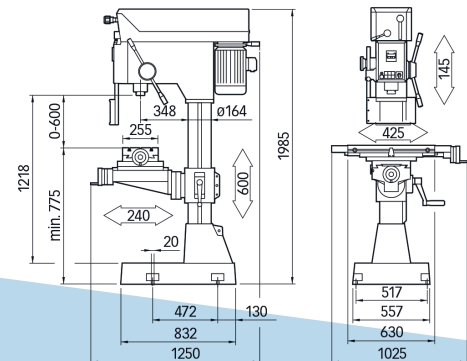
TR



PGM



TC



STANDARD:

Discesa automatica meccanica
Automatic mechanical quill-feed

TR: 600 x 460 mm

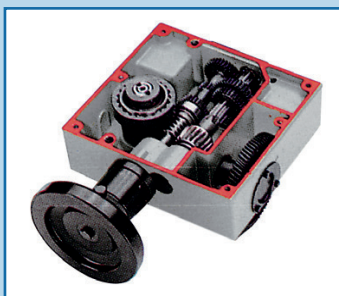
Tavola rettangolare
Rectangular table with rack

PGM: 375 x 375 mm

Piano girevole morsa
Tilting table with vice and rack

TC: 630 x 255 mm

Tavola croce
Cross table



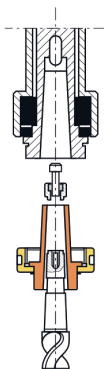
R 45E

TRAPANO A COLONNA SERIE PESANTE

HEAVY-SIZE
DRILLING MACHINE



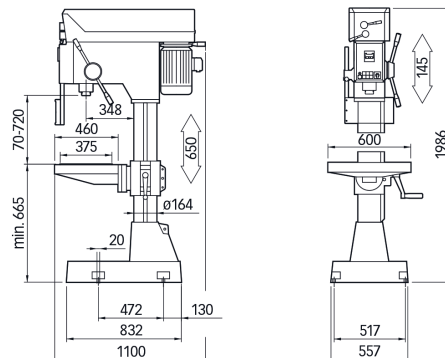
Inverter



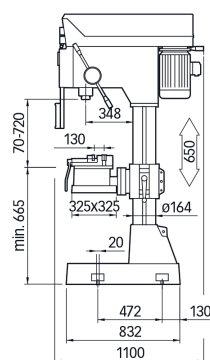
M60 X 2,5

Asse mandrino filettato
per bloccaggio utensile CM4
Threaded quill nose
for toll fitting MT4

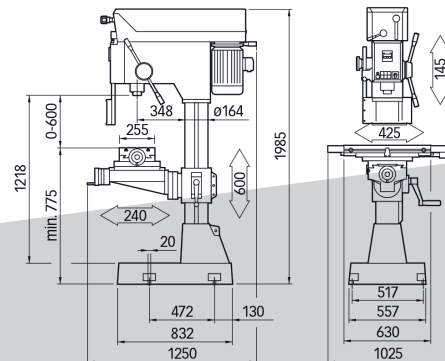
TR



PGM



TC



STANDARD:

Discesa automatica meccanica
Automatic mechanical quill-feed

TR: 600 x 460 mm

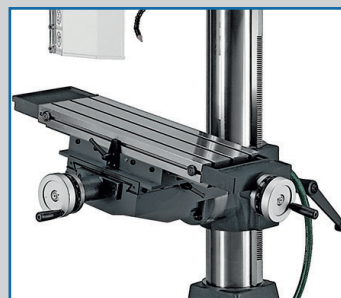
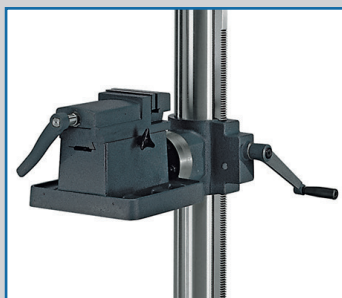
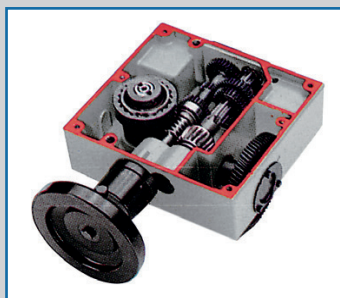
Tavola rettangolare
Rectangular table with rack

PGM: 375 x 375 mm

Piano girevole morsa
Tilting table with vice and rack

TC: 630 x 255 mm

Tavola croce
Cross table

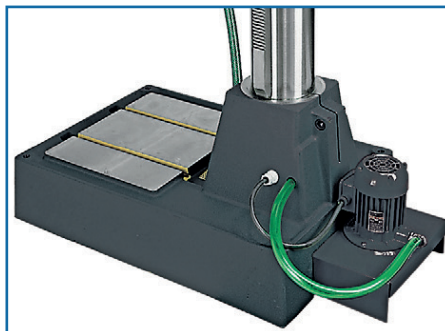


OPZIONI

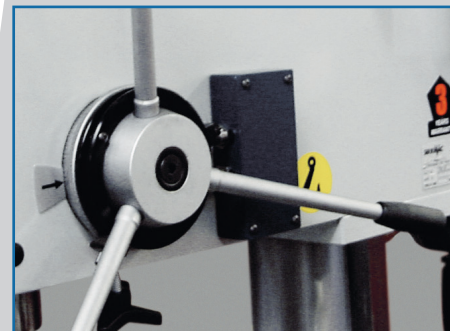
OPTIONS



CODE 40024:
 Impianto illuminazione a LED a 24 Volts
 24 Volt LED light



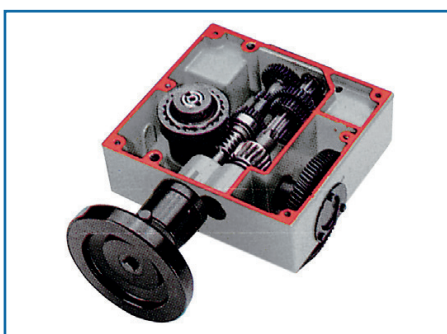
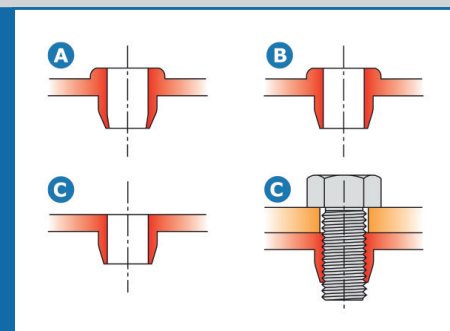
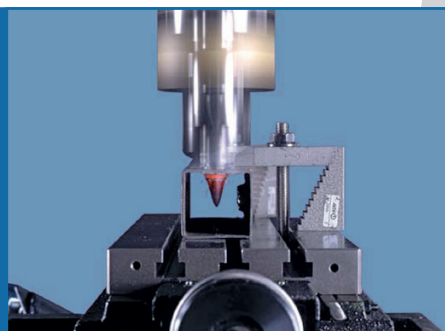
CODE 30001:
 Impianto refrigerante
 Cooling system



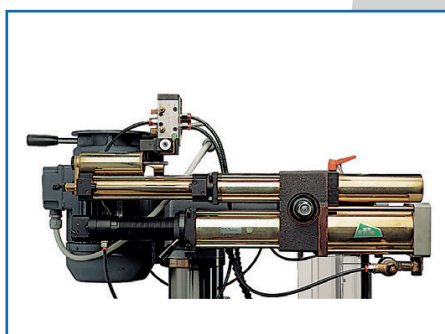
CODE 40002:
 Filettatura con teleinvertitore
 Thread-cutting unit with transformer



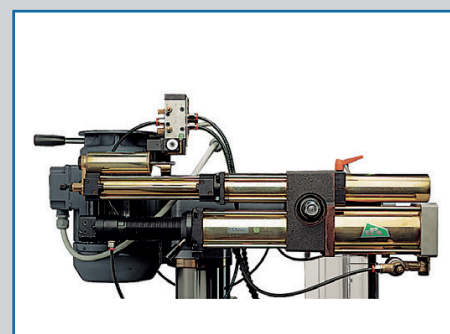
CODE 30018:
 Flow drill



CODE 30003:
 Discesa automatica meccanica del mandrino
 3 velocità: 0,05 – 0,1 – 0,2 mm/giro
 (R32 - R40 - R45)
 Automatic mechanical quill-feed
 3 speeds: 0,05 – 0,1 – 0,2 mm/rot.
 (R32 - R40 - R45)



CODE 30019:
 Discesa mandrino idropneumatica UR80
 (R32 - R40)
 UR80 Hydro-pneumatic quill-feed
 (R32 - R 32 R40)



CODE 40010:
 Discesa mandrino idropneumatica UR100 (R45).
 Corsa mandrino automatica di 105 mm con ritorno rapido alla profondità impostata. Avanzamento 5÷2500 mm/min. Potenza spinta a 6 bar: 400 Kg.
 UR100 Hydro-pneumatic quill-feed (R45).
 105 mm automatic spindle quill-feed with adjustable rapid release feeds. 5÷2.500 mm/min automatic feed. 6 bar-400 Kg thrust power.

OPZIONI OPTIONS



CODE 40083:

Discesa automatica tramite innesto
elettromagnetico a 24 V c.c.

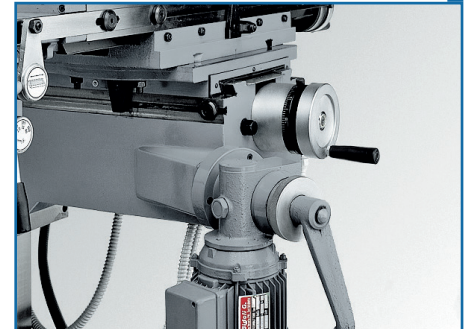
24 V Dc Electromagnetic automatic quill-feed



CODE 40026 POWER:

Avanzamento automatico longitudinale
meccanico della tavola

Mechanical longitudinal cross-table feed



CODE 40006:

Avanzamento rapido verticale
della tavola

Rapid vertical table feed

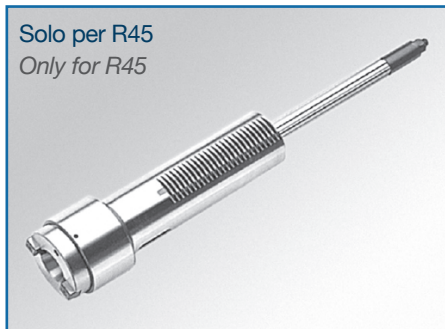
Solo per R45
Only for R45



CODE 40001:

Corsa mandrino 230 mm (solo con VS)
230 mm long sleeve (only with VS)

Solo per R45
Only for R45



CODE 40020:

Asse mandrino ISO 40 con tirante (DIN 2080)
ISO 40 spindle including tie-rod (DIN 2080)

Solo per R45
Only for R45



CODE 40037:

Asse mandrino CM4 forato per passaggio
tirante bloccaggio utensile.

MT4 Drilled spindle axis for tie rod



PANNELLO A MEMBRANA

su tutti i modelli elettronici

MEMBRANA PANEL

on all electronic models

TECHNOLOGY
& QUALITY
MADE IN
ITALY

DATI TECNICI

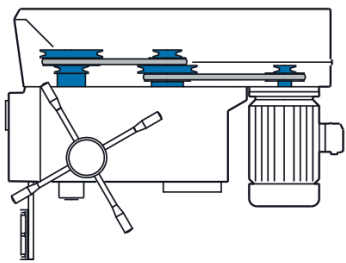
TECHNICAL DATA

		R32	R32E	R40	R40E	R45	R45E						
Capacità di foratura su acciaio R50 <i>Drilling capacity on R50 steel</i>	mm	Ø 32	Ø 32	Ø 40	Ø 40	Ø 45	Ø 45						
Capacità di maschiatura su acciaio R50 <i>Tapping capacity on R50 steel</i>	mm	M20	M20	M24	M24	M26	M26						
Cono mandrino <i>Spindle - intake</i>		MT3	MT3	MT4	MT4	MT4	MT4						
Corsa mandrino <i>Quill - stroke</i>	mm	135	135	135	135	145	145						
Diametro canotto mandrino <i>Spindle - quill diameter</i>	mm	62	62	62	62	72	72						
Discesa automatica (opzione) <i>Automatic mechanical quill - feed (option)</i>	mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm/giro											
Discesa automatica con frizione elettromagnetica <i>Electro - magnetic automatical quill - feed</i>	mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro	3 VELOCITÀ: 0.05 - 0.1 - 0,2 mm / giro						
Diametro colonna <i>Column diameter</i>	mm	123	123	123	123	164	164						
Tavola <i>Table</i>		TC - PGM - TR	TC - PGM - TR	TC - PGM - TR	TC - PGM - TR	TC - PGM - TR	TC - PGM - TR						
Trasmissione <i>Transmission</i>		PU	VS	Inverter	PU	VS	VR	CI	Inverter	VS	VR	CI N° 12 Sp.	Inverter
Velocità mandrino <i>Spindle speed</i>	rpm	100 - 2.200	100 - 1.640	100 - 2.400	100 - 2.200	100 - 1.640	40 - 2.380	64 - 1.720	45-900 / 110-2.150	100 - 1.620	40 - 2.340	50 - 1.300	45 - 2.150
Potenza motore (380 V 50 Hz) <i>Motor Power (380 V 50 Hz)</i>	KW	1.1 - 1.84	2.2	1.1 - 1.84	1.1 - 1.84	1.1 - 1.84	1.1 - 1.84	2.2	2.2	2.2 - 3	2.2 - 3	2.2 - 3	3
Interasse tra 2 cave a "T" <i>T - slots interaxis (between 2 T - slots)</i>	mm	125	125	125	125	125	125	125	125	200 (TR) - 160 (TM)	200 (TR) - 160 (TM)	200 (TR) - 160 (TM)	200 (TR) - 160 (TM)
Larghezza delle cave a "T" <i>T - slots dimension width</i>	mm	14	14	14	14	14	14	14	14	14	14	14	14
Tavola croce: corsa long. manuale asse X <i>Cross table longitudinal stroke - X axis (manual feed)</i>	mm	425	425	425	425	425	425	425	425	425	425	425	425
Tavola croce: avanzamento automatico asse X <i>Cross table longitudinal stroke - X axis (automatic feed)</i>	mm	365	365	365	365	365	365	365	365	365	365	365	365
Tavola croce: corsa trasversale manuale asse Y <i>Cross table transversal stroke - Y axis (manual feed)</i>	mm	240	240	240	240	240	240	240	240	240	240	240	240
Dimensioni (h x l x p) a colonna <i>Column model dimensions (h x w x d)</i>	mm	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 665 x 1.030	1.900 x 1.020 x 1.230 (TC)	1.986 x 675 x 1.100	1.986 x 675 x 1.100	1.986 x 675 x 1.100	1.986 x 675 x 1.100
Peso <i>Weight</i>	Kg	370	370	410	410	410	410	410	410	548 (TR) - 610 (TC)	548 (TR) - 610 (TC)	548 (TR) - 610 (TC)	548 (TR) - 610 (TC)

TRASMISSIONE

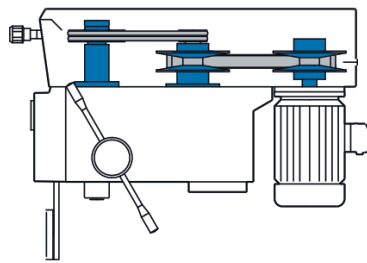
TRANSMISSION

R32 - R40 - R40E



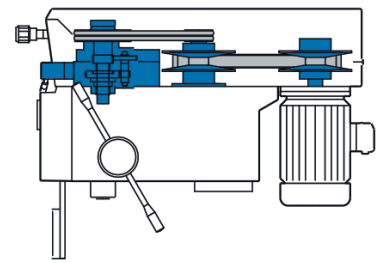
PU
Pulegge a gradini
Step pulleys

R32 - R40 - R45

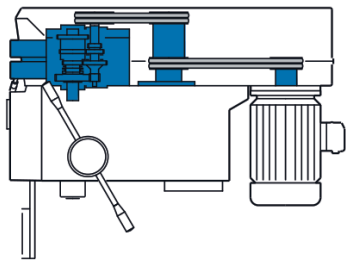


VS
Variatore semplice
Variable speed-drive unit

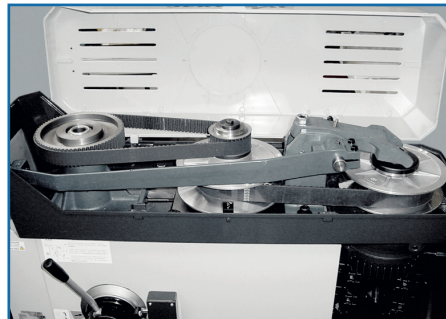
R40 - R45



VR
Variatore ritardo
Variable speed-drive unit with gear box



CI
Cambio ingranaggi
Gear box drive-unit



VS
Variatore semplice
Variable speed-drive unit



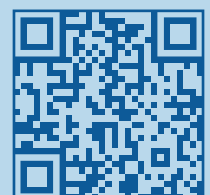
VR
Variatore ritardo
Variable speed-drive unit with gear box



CI
Cambio ingranaggi
Gear box drive-unit

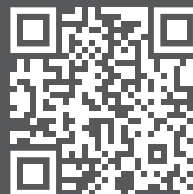


STANDARD
Fronte digitale elettronico
Electronic digital front






MADE IN ITALY



1950

Da oltre 65 anni nel mercato
On the market for over 65 years

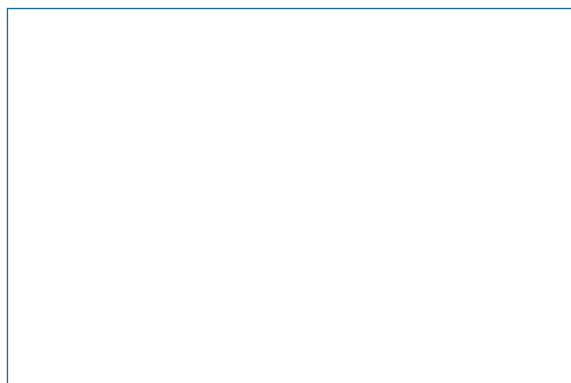
> 2.000

Capacità produttiva di oltre 2.000 unità l'anno
Production capacity over 2.000 units per year

> 30

Più di 30 modelli diversi
More than 30 different models

Rivenditore autorizzato / Official dealer:



SERRMAC

SERRMAC INTERNATIONAL S.R.L.

Via delle Industrie, 9
33070 POLCENIGO (PN) - Italy
Tel. +39 0434 671021
Fax +39 0434 671031
info@serrmac.it
www.serrmac.it

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