

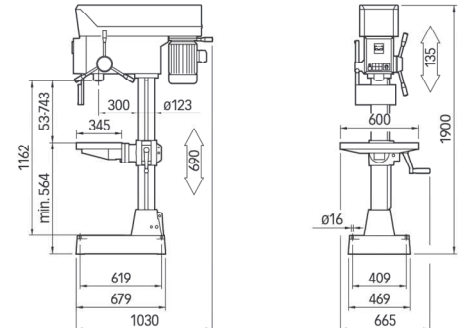
# R 32

## TRAPANO SERIE MEDIO-PESANTE CON TRASMISSIONE AD ALTO RENDIMENTO

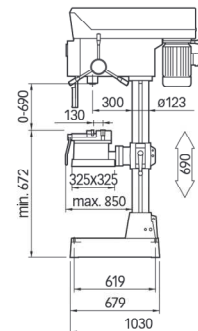
MEDIUM-SIZE DRILLING MACHINE  
WITH HIGH PERFORMANCE TRANSMISSION



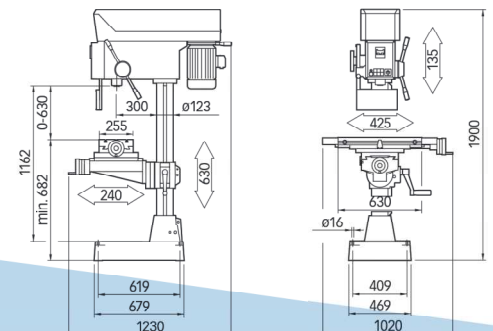
**TR**



**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



**VARIABLE**

**TC: 630 x 255 mm**  
Tavola croce  
Cross table



# R 32E

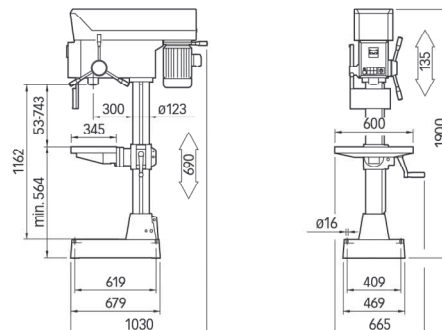
**TRAPANO SERIE MEDIO-PESANTE  
CON TRASMISSIONE AD ALTO RENDIMENTO  
E VARIATORE GIRI ELETTRONICO**

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

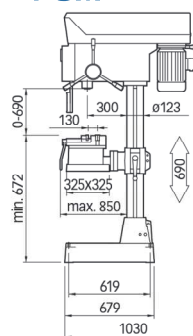


Inverter

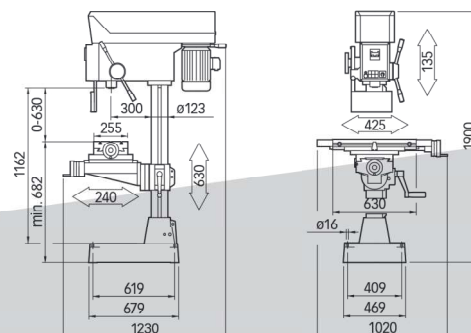
## TR



## 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



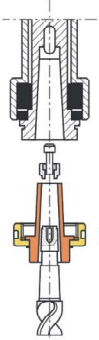
**TC: 630 x 255 mm**  
Tavola croce  
Cross table



# R 40

## TRAPANO SERIE MEDIO-PESANTE CON TRASMISSIONE AD ALTO RENDIMENTO

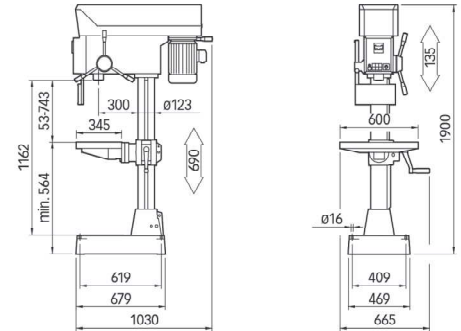
MEDIUM-SIZE DRILLING MACHINE  
WITH HIGH PERFORMANCE TRANSMISSION



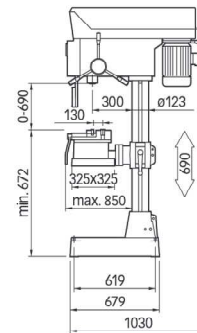
M60 X 2,5

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

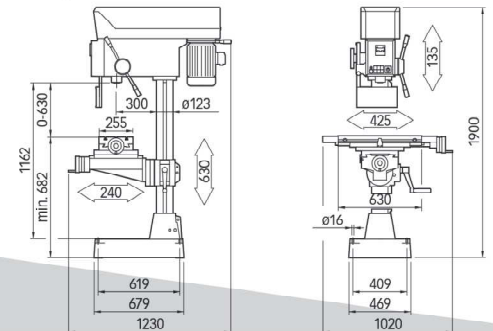
TR



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



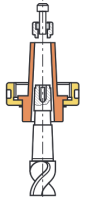
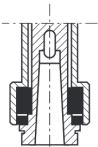
# R 40E

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

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

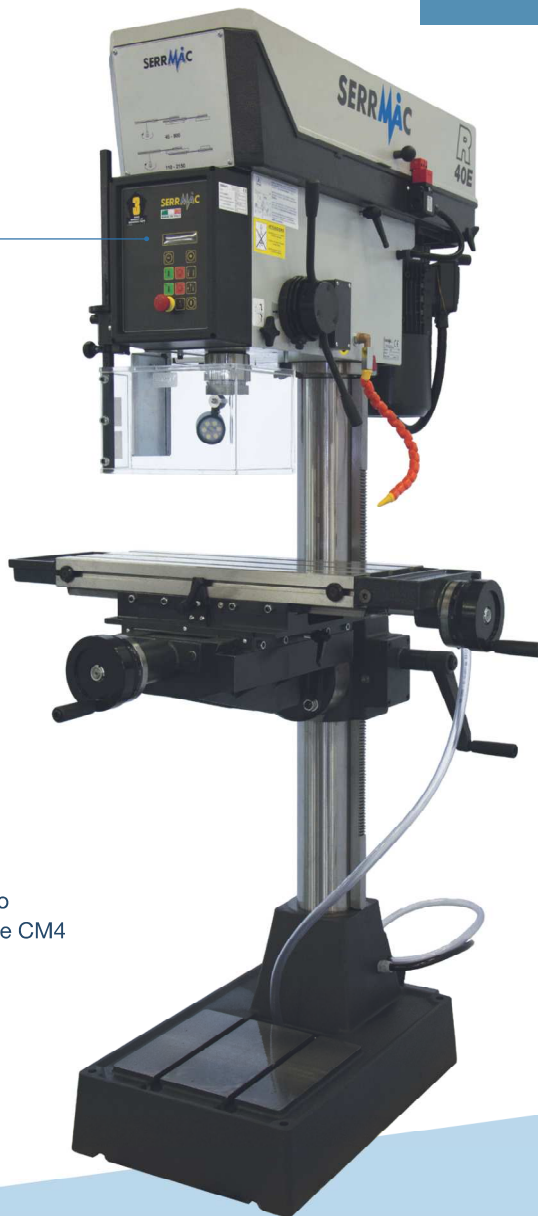


Inverter

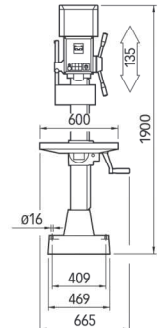
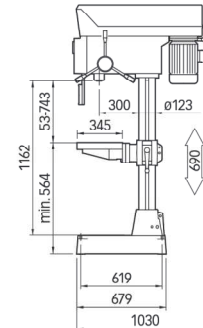


M60 X 2,5

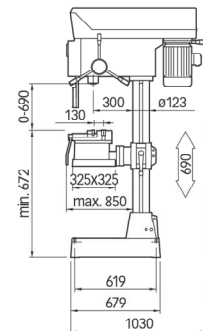
Asse mandrino filettato  
per bloccaggio utensile CM4  
*Threaded quill nose  
for toll fitting MT4*



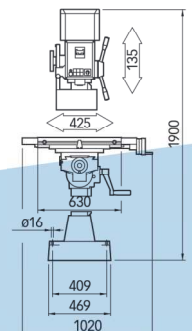
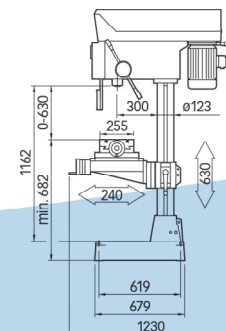
## TR



## 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*



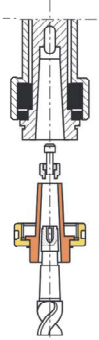
**TC: 630 x 255 mm**  
Tavola croce  
*Cross table*



# R 45

## TRAPANO A COLONNA SERIE PESANTE

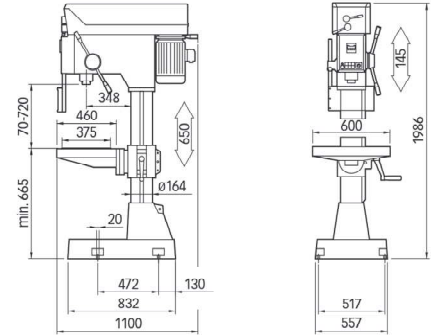
HEAVY-SIZE  
DRILLING MACHINE



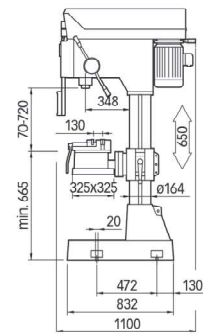
M60 X 2,5

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

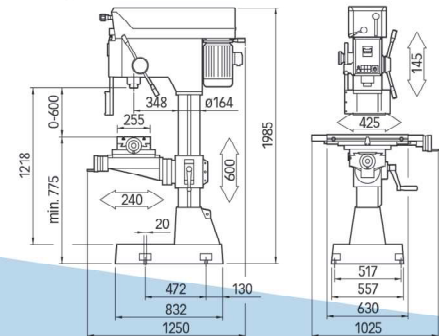
TR



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



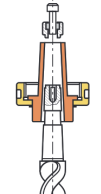
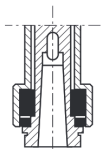
# R 45E

## TRAPANO A COLONNA SERIE PESANTE

HEAVY-SIZE  
DRILLING MACHINE



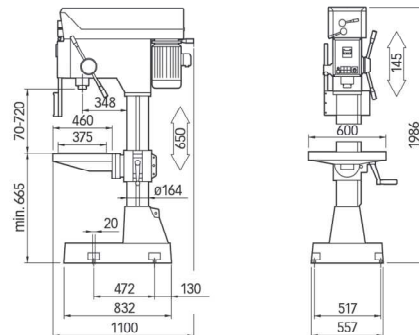
Inverter



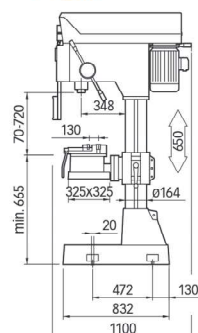
M60 X 2,5

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

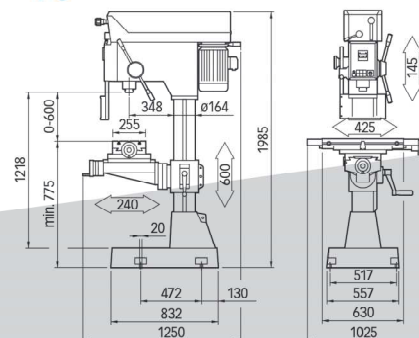
### TR



### 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

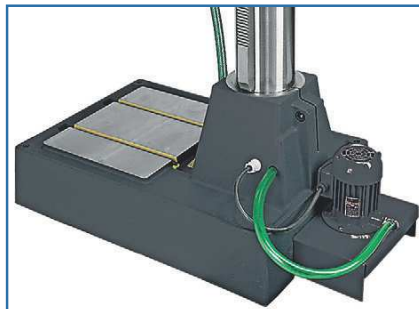


# OPZIONI

## OPTIONS



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



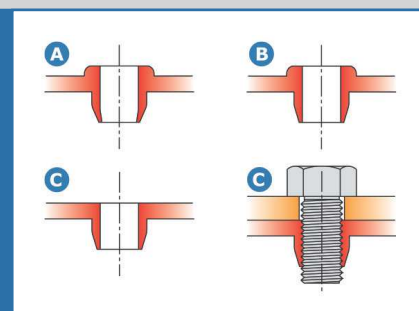
**CODE 30001:**  
Impianto refrigerante  
Cooling system



**CODE 40002:**  
Filettatura con teleinvertore  
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 Hydropneumatic 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:**

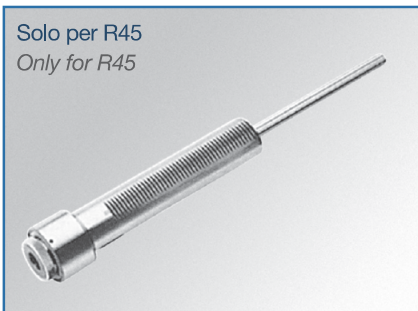
Discesa automatica tramite innesto  
elettromagnetico a 24 V c.c.  
*24 V Dc Electromagnetic automatic quill-feed*

**CODE 40026 POWER:**

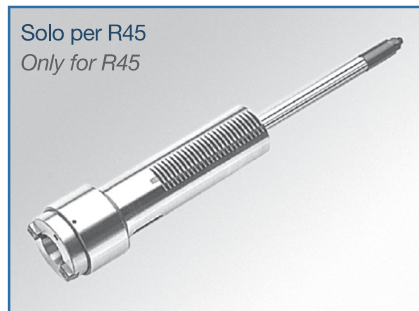
Avanzamento automatico longitudinale  
meccanico della tavola  
*Mechanical longitudinal cross-table feed*

**CODE 40006:**

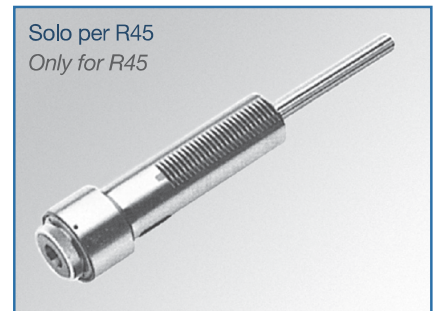
Avanzamento rapido verticale  
della tavola  
*Rapid vertical table feed*

**CODE 40001:**

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

**CODE 40020:**

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

**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

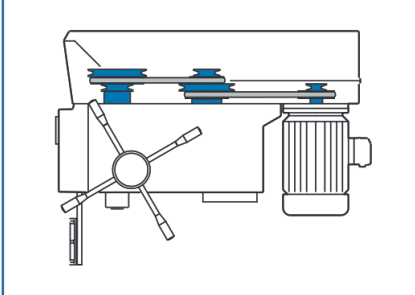
## TECHNICAL DATA

		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 automatic 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 1.020 x 1.230 (TC)	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	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

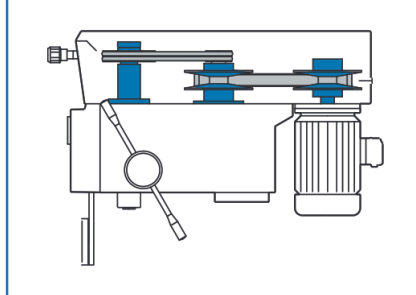
## TRANSMISSION

R32 - R40 - R40E



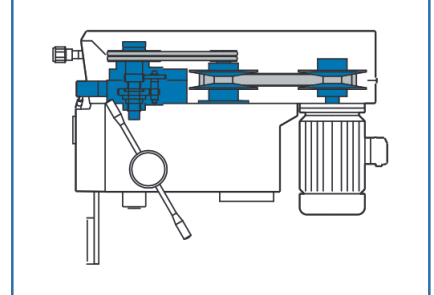
**PU**  
Pulegge a gradini  
*Step pulleys*

R32 - R40 - R45

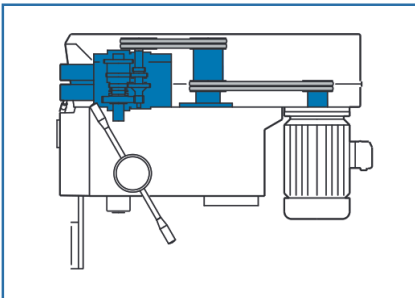


**VS**  
Variatore semplice  
*Variable speed-drive unit*

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*

