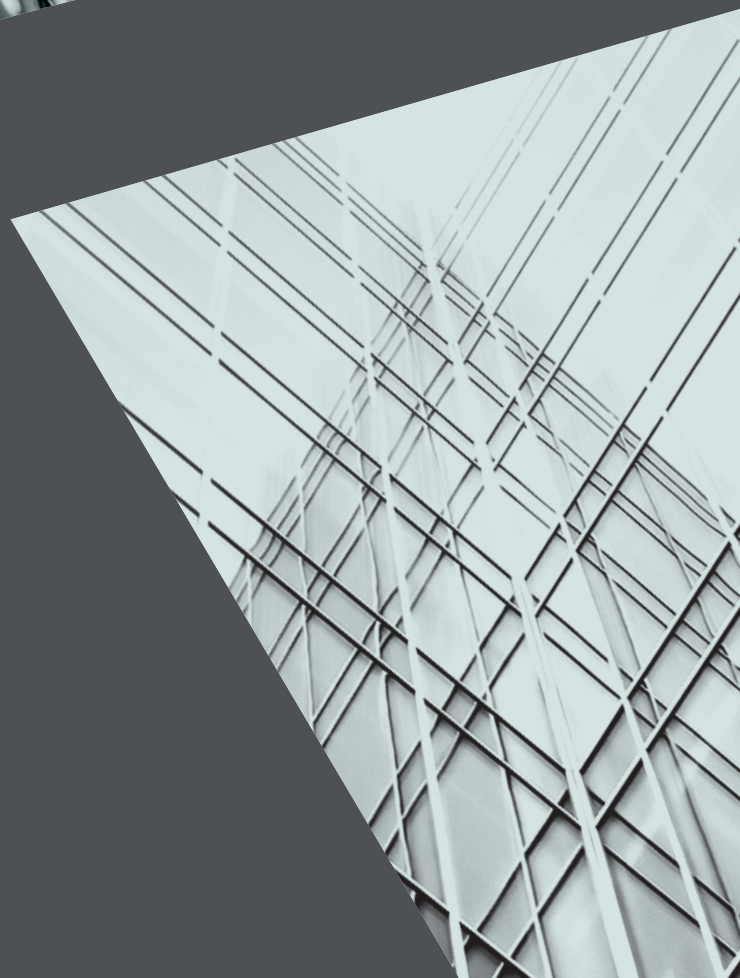


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# DRILLING/MILLING MACHINES

FORATRICI/FRESATRICI



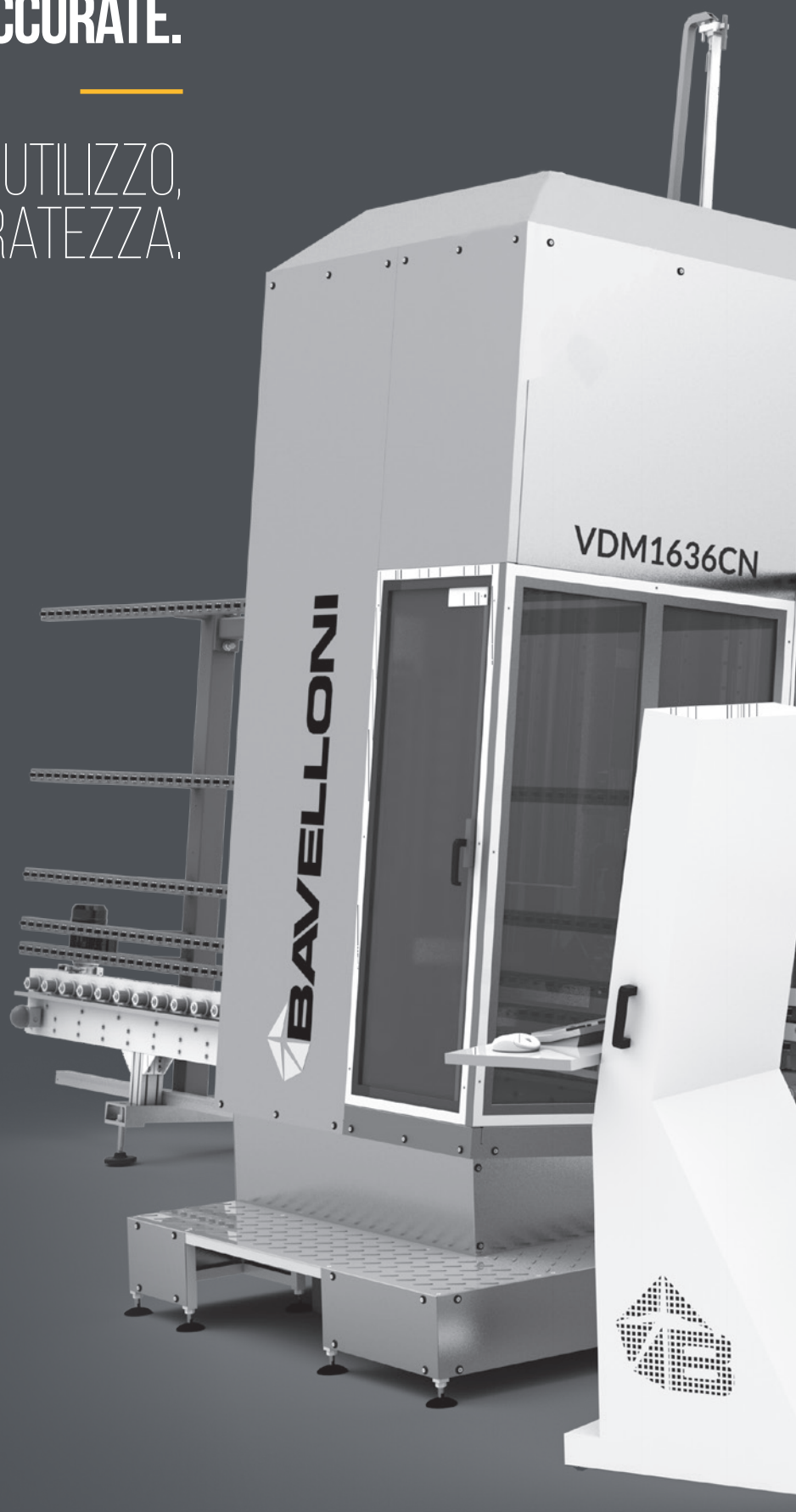
more is  
never  
enough

 **BAVELLONI**

**USER-FRIENDLY,  
FAST AND ACCURATE.**

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FACILITÀ DI UTILIZZO,  
VELOCITÀ E ACCURATEZZA.



# DRILLING/MILLING MACHINES

FORATRICI/FRESATRICI

## VDM SERIES

SERIE VDM

▶ VDM 1636 CN

## VT SERIES

SERIE VT

▶ VT 1250



# VDM SERIES

## VDM 1636 CN

### SERIE VDM

**VDM 1636 CN is a vertical drilling-milling machine with double head and opposing spindles able to execute even complex cycles in a single working station.**

VDM 1636 CN è una foratrice-fresatrice verticale a doppia testa con mandrini contrapposti in grado di eseguire anche lavorazioni complesse in un'unica stazione di lavoro.



**COMPACT AND VERSATILE**  
COMPATTA E VERSATILE

## APPLICATIONS REALIZZAZIONI

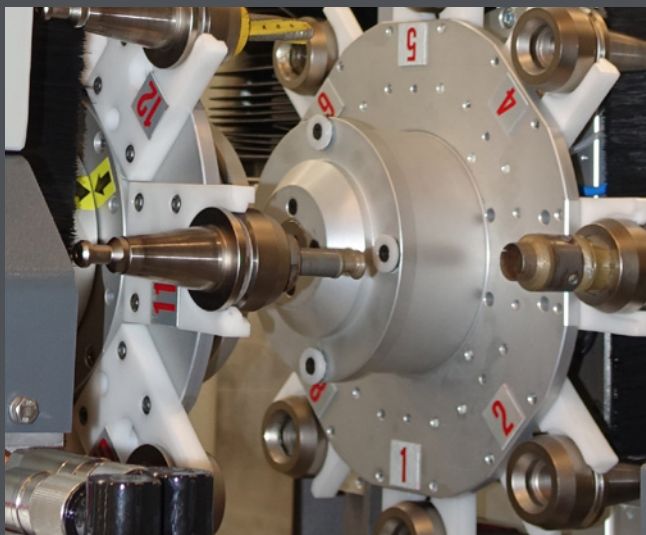
**Thanks to its features and functionality, it is the perfect choice for door fabrication and architectural applications.**

Grazie alle sue caratteristiche e funzionalità, rappresenta la scelta ideale per la produzione di porte e applicazioni architettoniche.



# HIGHLIGHTS

VDM 1636 CN



## DOUBLE TOOL STORAGE DOPPIO MAGAZZINO UTENSILI

The drilling head features opposing spindles (1+1) and is equipped with rotating tool storage (8+8 positions).

La testa foratrice a mandrini contrapposti (1+1) è equipaggiata con un magazzino utensili rotante (8+8 posizioni).



## ADVANCED AUTOMATION AUTOMAZIONE ALL' AVANGUARDIA

The machine features the latest generation numerical control by NUM.

La macchina è dotata di un controllo numerico NUM di ultima generazione.



## PROCESSING PARALLELOGRAMS AND OFF-SQUARE SHAPES LAVORAZIONE DI PARALLELOGRAMMI E SAGOME FUORI SQUADRA

New functionality supplied as standard.

Nuova funzionalità di serie.

# VDM 1636 C



## SINGLE STATION CAPABLE OF MULTIPLE TASKS UNICA STAZIONE PER MOLTEPLICI LAVORAZIONI

**Drilling, countersinking, milling and grinding of notches.**

Foratura, svasatura, fresatura e molatura tacche.

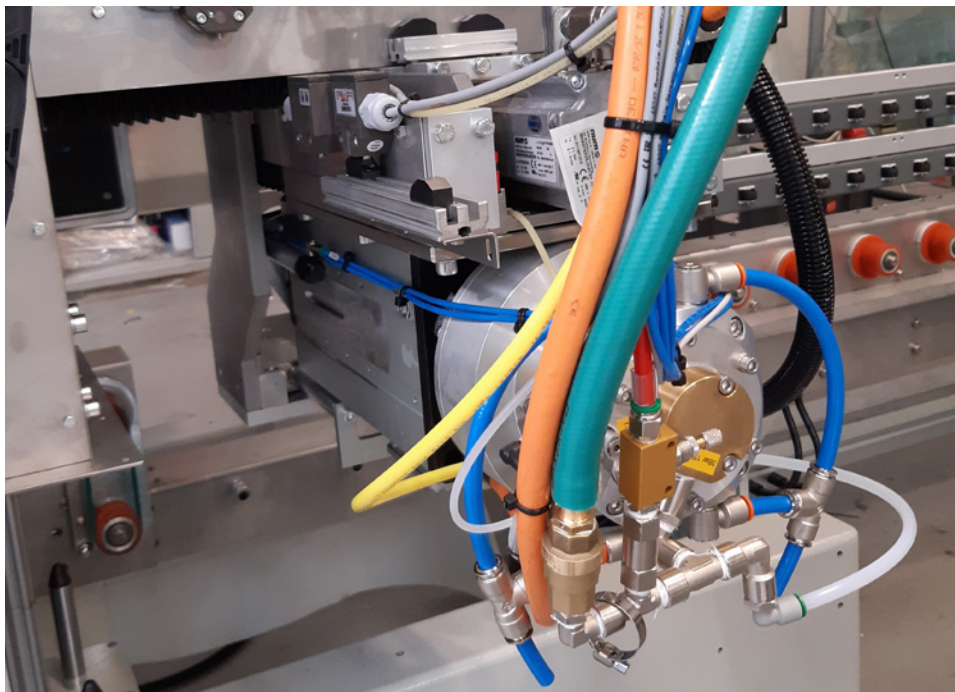


## HIGH PRECISION AND SPEED ELEVATA PRECISIONE E VELOCITÀ

**Axis movement on ball bearing guides and through brushless motors.**

Movimentazione degli assi su guide a ricircolo di sfere e tramite motori brushless.

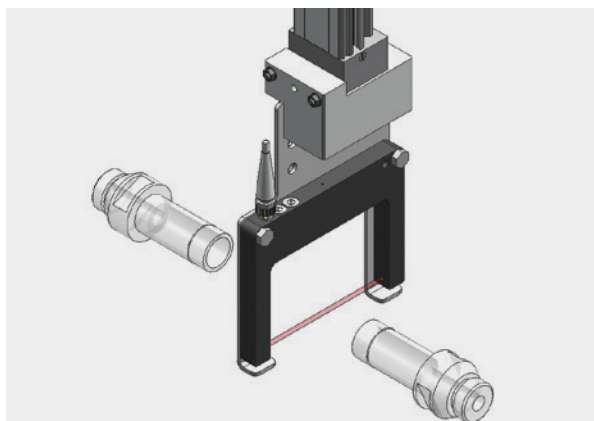
## 8



## ELECTRO SPINDLES ELETTROMANDRINI

**ISO 30, 5.5 kW electro spindles ensuring top performance.**

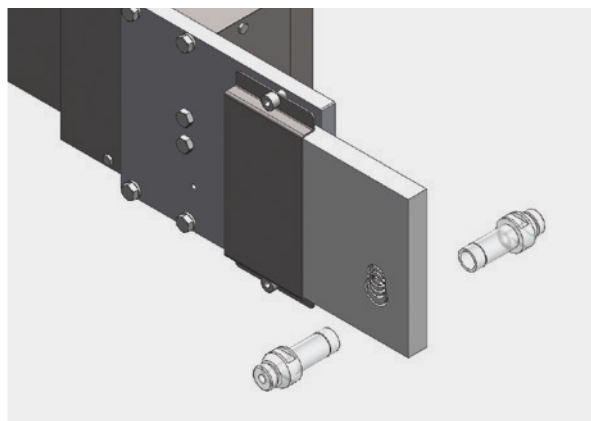
Da 5.5 kW e fissaggio ISO 30, per prestazioni al top.



## OPTIONAL DEVICES OPTIONAL

**Presetting for drilling bits, milling cutters and grinding tools.**

Presetting per foretti, frese, combi e molette.



**Redressing device for drilling bits.**

Dispositivo per ravnivatura foretti.

# VT SERIES VT 1250

## SERIE VT

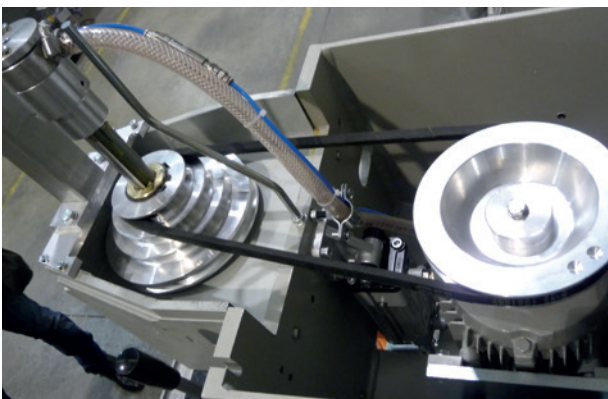
**Horizontal drilling machine with double head, easy to use and durable. Its heads can be programmed automatically according to glass thickness.**

Trapano orizzontale a punte contrapposte che si distingue per facilità d'uso e lunga durata nel tempo.

Le punte sono programmabili automaticamente in base allo spessore del vetro.



**RELIABLE**  
AFFIDABILE

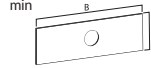
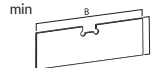
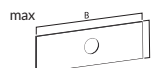
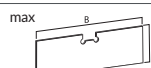
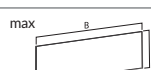
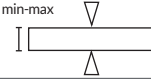
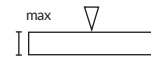
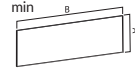


**The strong structure allows drilling glass up to 25 mm thickness, holes up to 130 mm diameter with no vibrations and perfect quality.**

La struttura robusta consente la foratura di vetro fino a 25 mm di spessore, l'utilizzo di foretti fino a 130 mm senza vibrazioni e con un'ottima finitura.

# TECHNICAL DATA

## DATI TECNICI

| VDM 1636 CN                                                                                                                                                                                                                                 |                                                                                       |                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------|
| Workable thicknesses<br>Spessori lavorabili                                                                                                                                                                                                 |    | 3÷19 mm<br>1/8"÷3/4"              |
| Hole diameter<br>Diametro fori                                                                                                                                                                                                              |    | 4÷60 mm<br>5/32"÷2 23/64"         |
| Tool store capacity<br>Magazzino utensili                                                                                                                                                                                                   |    | 8+8                               |
| Maximum size of notches; mill ø 10 mm;<br>depending on glass dimensions, number of notches and location<br>Dimensioni massime delle tacche; fresa ø 10 mm;<br>in base alle dimensioni del vetro, al numero e alla disposizione delle tacche |    | 230x290 mm<br>9"1/16"x11 27/64"   |
| Minimum workable dimensions (AxB) drilling<br>Dimensioni minime lavorabili (AxB) foratura                                                                                                                                                   |    | 420x300 mm<br>16 17/32"x11 13/16" |
| Minimum workable dimensions (AxB) milling<br>Dimensioni minime lavorabili (AxB) fresatura                                                                                                                                                   |    | 900x420 mm<br>35 7/16"x16 17/32"  |
| Maximum workable dimensions (AxB) drilling<br>Dimensioni massime lavorabili (AxB) foratura                                                                                                                                                  |   | 3600x1600 mm<br>142"x63"          |
| Maximum workable dimensions (AxB) milling<br>Dimensioni massime lavorabili (AxB) fresatura                                                                                                                                                  |  | 3600x1450 mm<br>142"x57"          |
| Maximum dimensions (AxB), transit only<br>Dimensioni massime (AxB), solo transito                                                                                                                                                           |  | 3600x2200 mm<br>142"x87"          |
| Spindles rotation speed<br>Velocità rotazione mandrino                                                                                                                                                                                      |  | 0÷12000 rpm                       |
| kW (spindle)<br>kW (mandrino)                                                                                                                                                                                                               |  | 5.5 kW                            |
| Installed power<br>Potenza installata                                                                                                                                                                                                       |  | 16.5 kW                           |
| Weight<br>Peso                                                                                                                                                                                                                              |  | 3200 kg<br>7055 lb                |
| VT 1250                                                                                                                                                                                                                                     |                                                                                       |                                   |
| Drillable thickness with both drills<br>Spessori forabili con entrambe le punte                                                                                                                                                             |  | 3÷25 mm<br>1/8"÷1"                |
| Maximum drillable thickness with one drill<br>Max spessori forabili con una sola punta                                                                                                                                                      |  | 50 mm<br>2"                       |
| Minimum workable size<br>Dimensione minima lavorabile                                                                                                                                                                                       |  | 100x100 mm<br>4"x4"               |
| Hole diameter with both drills<br>Diametro fori utilizzando entrambe le punte                                                                                                                                                               |  | 4÷130 mm<br>5/32"÷5 1/8"          |
| Maximum diameter with one drill<br>Diametro max. con una sola punta                                                                                                                                                                         |  | 220 mm<br>8 21/32"                |
| Speed<br>Velocità                                                                                                                                                                                                                           |  | 390÷5250 rpm                      |
| Installed power<br>Potenza installata                                                                                                                                                                                                       |  | 3.5 kW                            |



NOTE: Images shown in this brochure are indicative and dependable on the level of equipment.

Models may differ from the pictures shown. Bavelloni reserves the right to alter specifications without prior notice

NOTE: Le immagini in questo catalogo sono puramente indicative. Alcuni modelli potrebbero differire da quanto rappresentato.

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chiedono poco.  
Decine di migliaia di macchine che lavorano  
in ogni parte del mondo.  
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Da sempre facciamo solo questo.

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