

GMM
STONE MACHINERY



STREAM 12

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STONE MACHINERY

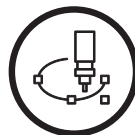
HIGH - PRESSURE **WATERJET** SYSTEM

gmm.it

STREAM 42

The convenience of the mono-block
with the reliability of free-tank.

La comodità del monoblocco con la
precisione della vasca svincolata.



CNC
TECHNOLOGY



CAD
CAM



TELE
SERVICE



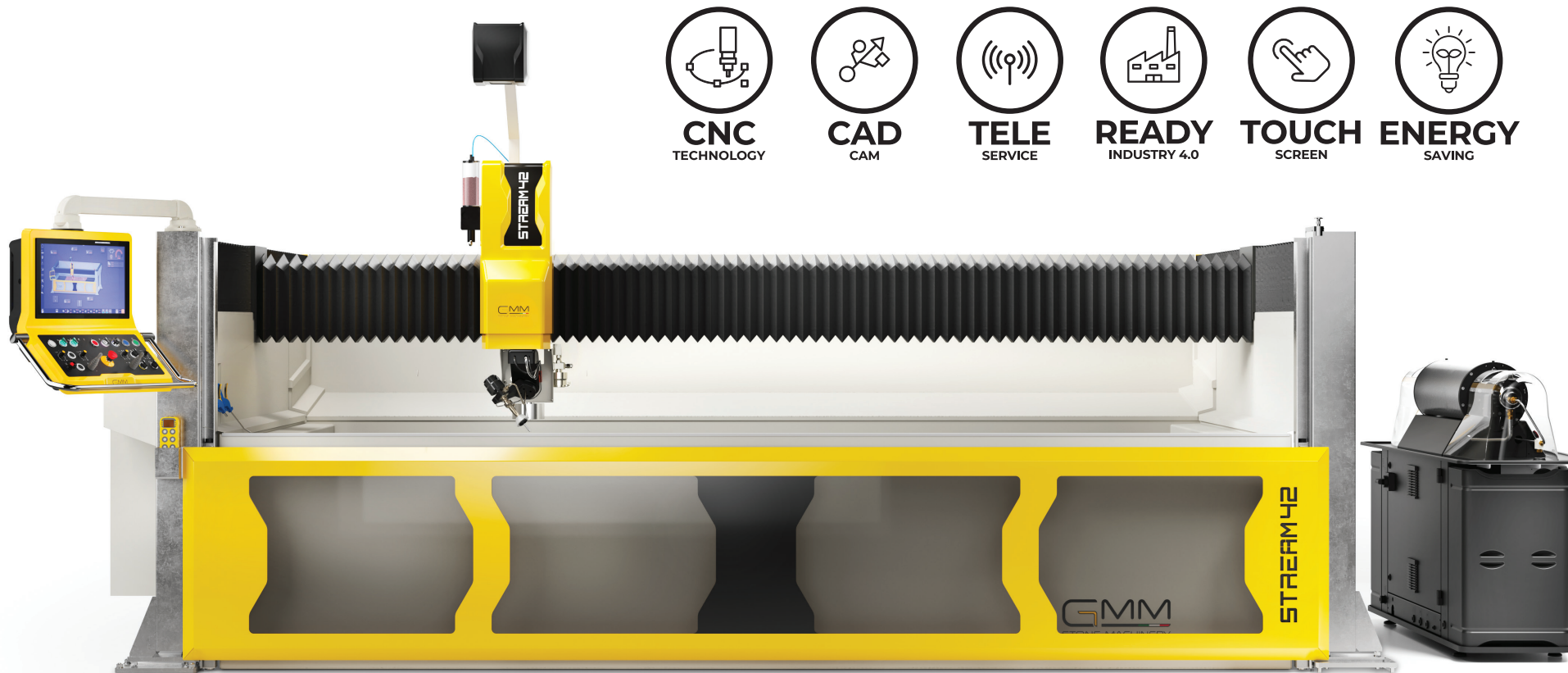
READY
INDUSTRY 4.0



TOUCH
SCREEN



ENERGY
SAVING



GMM
STONE MACHINERY

Your work

- + simple
- + fast
- + clever

STREAM 42

EN

With an attractive, innovative, and totally integrated design: this **waterjet** has the GMM software interface and 21 inch multi-touch video screen. Choose the convenience of the mono-block with the reliability of free-tank.

IT

Dal design accattivante, innovativo e totalmente integrato: questa **waterjet** è dotata dell'interfaccia software GMM e dello schermo video multi-touch da 21 pollici. Scegli la comodità del monoblocco con la precisione della vasca svincolata.



NEW 21" TOUCH SCREEN HMI
standard

TECHNICAL DATA

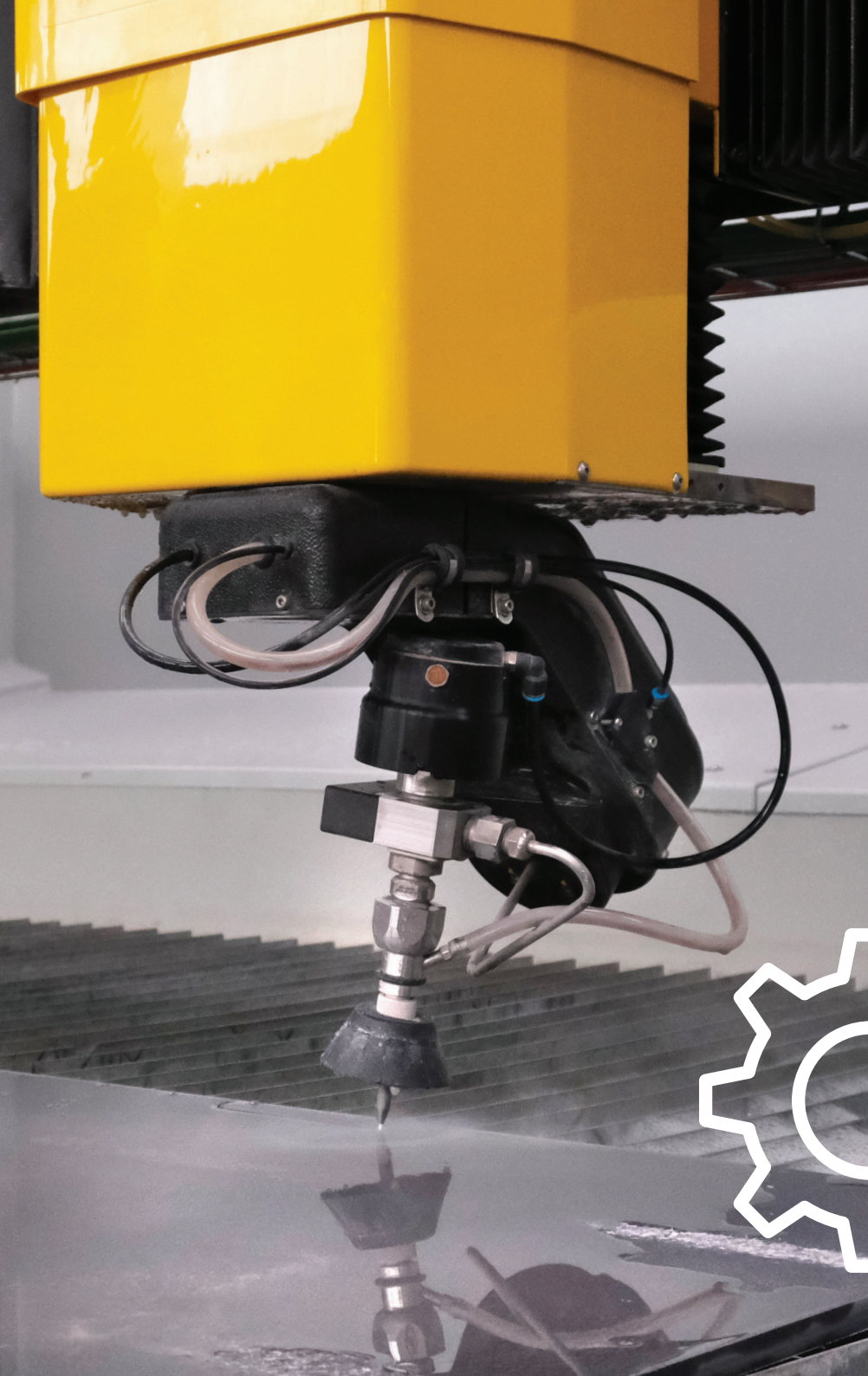
DATI TECNICI

STREAM 42

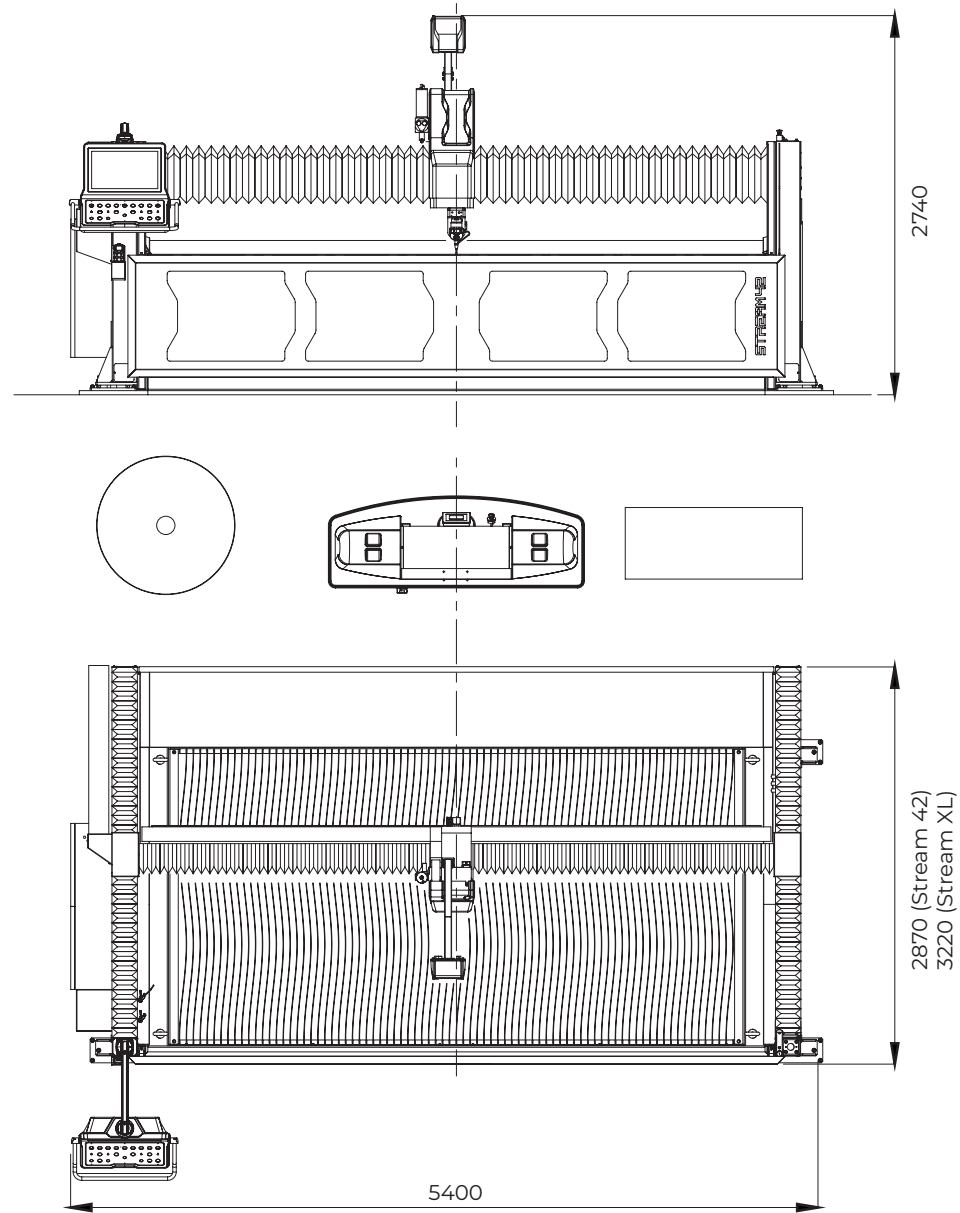
STREAM 42 XL

TABLE DIMENSIONS <i>DIMENSIONI TAVOLA</i>	4.000 x 2.130 mm	4.000 x 2.480 mm
SLATS DIMENSIONS <i>DIMENSIONI DOGHE</i>	100 x 3 mm	100 x 3 mm
TABLE HEIGHT <i>ALTEZZA TAVOLA</i>	810 mm	810 mm
NET WEIGHT (NOT INCLUDING EXTERNAL SYSTEMS) <i>PESO NETTO (ESCLUSI IMPIANTI ESTERNI)</i>	5.000 kg	5.300 kg
MAX. TANK VOLUME WATER <i>MAX. CONTENUTO ACQUA DELLA VASCA</i>	7.800 L	9.000 L
MAX. TABLE LOAD <i>MAX. PORTATA TAVOLA</i>	500 kg / mq	500 kg / mq
GROSS WEIGHT OF THE MACHINE (INCL. WATER AND WORKPIECE) <i>PESO LORDO MACCHINA (COMPRESA ACQUA E PEZZO DA LAVORARE)</i>	17.000 kg	19.200 kg
MAX. AXES SPEED X, Y, Z <i>MAX. VELOCITÀ ASSI X, Y, Z</i>	15.000 mm / min	15.000 mm / min
MAX. STROKES X, Y, Z <i>MAX. CORSE X, Y, Z</i>	4.000 / 2.000 / 200 mm	4.000 / 2.350 / 200 mm
MAX. PAC TILTING, ROTATION <i>MAX. INCLINAZIONE, ROTAZIONE PAC</i>	±60° / endless	±60° / endless
MAX. WORKING AREA ON 3 AXES <i>MAX. AREA DI LAVORO A 3 ASSI</i>	4.000 x 2.000 mm	4.000 x 2.350 mm
MAX WORKING AREA ON 5 AXES <i>MAX. AREA DI LAVORO A 5 ASSI</i>	3.650 x 1.650 mm	3.650 x 2.000 mm

STREAM 42



STREAM 42



EXPERIENCE & INNOVATION

GMM CUTTING TECHNOLOGY



PAC 60 TILTING &
ENDLESS ROTATIVE
CUTTING HEAD



21" TOUCH
SCREEN HMI



VARIABLE ABRASIVE
FEEDER WITH
VACUUM SWITCH



HYDRO-TECH
HEAD



360° CE SAFETY FENCES
WITH PNEUMATIC
FRONT BARRIER



SUBMERGED
CUT



STREAM 42

STRAIGHT INTO THE FUTURE

STANDARD EQUIPMENT

New GMM software interface.
New pendant control panel with all integrated controls and 21 inch multi-touch video screen.

Nuova interfaccia software GMM.
Nuovo pannello di controllo con tutti i controlli integrati e schermo video multi-touch da 21 pollici.



**Z AXIS VERTICAL
STROKE 200 mm**

Corsa verticale
asse Z 200 mm



**PNEUMATIC
FRONT BARRIER**

Barriera anteriore
pneumatica



**VARIABLE ABRASIVE
FEED**

Feeder abrasivo a portata
variabile



**SUBMERGED
CUT**

Taglio sommerso



**GUN REELS FOR AIR AND
WATER**

Avvolgitubi con pistole
aria e acqua

UPGRADE YOUR STREAM

OPTIONAL EQUIPMENT

PAC 60 TILTING & ENDLESS ROTATIVE CUTTING HEAD
(instead of the vertical cutting head)

PAC 60 testina di taglio inclinabile a 60° con rotazione infinita (al posto della testina verticale)



CAMERA

Telecamera



SLAB PROBING

Testatore lastre



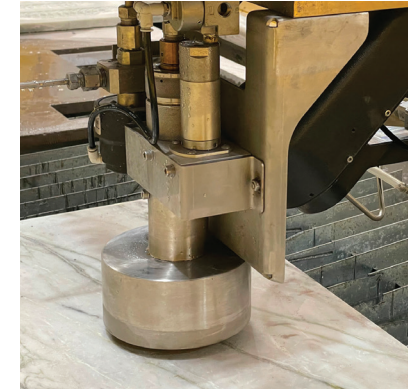
HP SERVOPUMP
4500 bar 3,9 l/min

Servopompa HP
4500 bar e 3,9 l/min



RADIO CONTROL

Radiocomando



HYDRO-TECH HEAD

Testina di idrofinitura

HIGH TECHNOLOGY BEHIND THE SCENES

The Quantum NXT™ “Electric Servo Pump 4500 bar & 3,9 l/min”

green technology for the waterjet industry
the most energy efficient pump in the market

la pompa più efficiente sul mercato, per il massimo
risparmio di energia elettrica



FEEDING ABRASIVE HOPPER

Tramoggia alimentazione abrasivo



INLET WATER CLEANING SYSTEM (OSMOSIS OR FILTRATION)

Impianto di filtrazione acqua in
ingresso (osmosi o filtrazione)



FOCUS ON



60°

**PAC 60 TILTING &
ENDLESS ROTATIVE
CUTTING HEAD**



The PAC60 allows 5-axis cuts, up to 60 degrees in every direction. The rotation along the vertical axis is endless and does not require rewinding

La PAC60 consente tagli a 5 assi in continuo, e permette di ottenere lavorazioni inclinate fino a 60 gradi in ogni direzione. La rotazione lungo l'asse verticale è infinita e non necessita di riavvolgimenti



**VARIABLE ABRASIVE
FEEDER**



Automatic adjustment of the quantity of abrasive via PC proportionally to the water pressure avoiding waste of garnet and nozzle clogging

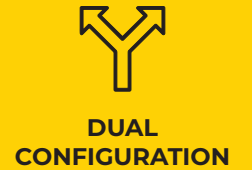
Regolazione elettronica della quantità di abrasivo direttamente da PC in funzione della pressione dell'acqua per evitare sprechi di garnet e occlusione dell'ugello

- Dual Configuration:**
- mono-block for easy-to-move & fast-to-install
 - free-tank for ultimate precision and reliability
- (Tank / structure joining brackets) ▶**

Struttura "dual configuration":

- monoblocco per ottimizzazione trasporto e rapida installazione
- gantry con disaccoppiamento struttura/vasca per migliori lavorazioni.

(Staffe di giunzione vasca / struttura) ▶



**360 ° CE safety fences, splash-free and noise-reducing.
No more cutting stops due water splashes triggering
the light-curtain**

Protezione perimetrale CE a 360° per contenimento schizzi d'acqua e rumore; assenza di fotocellule che durante il taglio potrebbero venire interrotte dagli schizzi d'acqua, con conseguenti continui arresti macchina



Longer-lasting 100x3mm slats

Doghe 100x3mm per maggiore durata nel tempo



**ALL
YOU
NEED**



one group full machines range for your fabrication shop

GMM
STONE MACHINERY

BAVELLONI
A GMM Group Company

TECHNI
Waterjet
A GMM Group Company



ITALY

GMM S.P.A.
HEADQUARTER

GMM S.P.A. SCHIO
BUSINESS UNIT

MECTOCE S.R.L.
PRODUCTION UNIT

BAVELLONI S.P.A.
HEAD OFFICE / PRODUCTION UNIT

BAVELLONI S.P.A.
TOOLS DIVISION / PRODUCTION UNIT



U.S.A.

GMM USA INC.
COMMERCIAL / AFTER SALES UNIT

BAVELLONI AMERICA INC.
COMMERCIAL / AFTER-SALES UNIT

TECHNI WATERJET LLC
COMMERCIAL / AFTER SALES UNIT



FRANCE

BAVELLONI FRANCE
DISTRIBUTOR



GERMANY

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GMBH**
DISTRIBUTOR / AFTER SALES UNIT

**WPA WATERJET PRODUCTION
ACADEMY GMBH**
DISTRIBUTOR



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MELBOURNE HEAD OFFICE



THAILAND

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PRODUCTION UNIT



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