




bidese_{QTEQ}

PREMIA

**MULTIWIRE
MACHINES OF
THE LATEST
GENERATION**

**WITH DIAMOND
WIRE MM. 4,3**



COMPANY BACKGROUND HISTORY



BIDESE-QTEQ is an innovative company founded by Michele Bidese, a partner of the past **BIDESE IMPIANTI** company, which was established in Fara Vicentino - Vicenza (Italy) in the year 1987.

Throughout the years, **BIDESE IMPIANTI** became the leading Italian company to design and produce multi-diamond wire cutting machines for cutting of granite slabs from the main dimension blocks.

The technical experience and the stone processing passion developed by **BIDESE IMPIANTI**, allowed the company to courageously introduce very innovative technical solutions which, after some years of necessary development, started a real revolution in industrial cutting of granite slabs within the main stone processing factories worldwide.

From the beginning of the years 2000, the revolutionary multiwire machines produced by **BIDESE IMPIANTI** started to be appreciated in the main international markets for their productivity, quality and performances, so that many **BIDESE** multi-wire machines were supplied worldwide, together with their diamond cutting wires, in a optimized and competitive package of machines + tools.

As the new multiwire technology become accepted, appreciated and requested, BIDESE initial challenge turned into a concrete reality and a great success.

Until the end of the year 2011, **BIDESE IMPIANTI** continued to expand its activities, supplying more than hundred multi-diamond wire machines in worldwide and becoming the international leader in the multi-diamond wire machines cutting technology.

On the year 2012 the partners of **BIDESE IMPIANTI** sold their business, while at the top of their success, being aware that the technology of multi-wire machines was reaching its maturity.

Having today available innovative technologies, with the qualified support of an experienced technical research team, **Michele Bidese** started a new chapter in multi-wire technologies with the new company **BIDESE-QTEQ** !

COMPANY PROFILE

BIDESE-QTEQ is a young company, but relies on a team of qualified technicians and on the many years of multi-wire technology experience of **Michele Bidese**, the main shareholder and company's president.

BIDESE-QTEQ is well aware that the diamond wire cutting technology needs new development steps and new challenges: for this reason, the company is strongly focused in the **research and development** of new technologies and more competitive solutions to propose to the international stone processors.

With the introduction of new technical solutions, **BIDESE-QTEQ** wants to satisfy the most ambitious production requirements of the most demanding stone processing companies, which are determined to **increase their quality** and reduce their cutting costs in the everyday more competitive market.

To meet this new challenge, **BIDESE-QTEQ** introduces today the new multi-wire cutting machines range "**PREMIA**", including a number of technical developments and advantages compared to the more traditional machines available at present in the market.



PERFORMANCES

REDUCTION OF OPERATING COSTS

The new generation of multi-wires **PREMIA** allows a considerable reduction in operating costs due to lower power consumption, which is in average -20-25% compared to more traditional multi-wire machines.

REDUCTION OF SERVICE COSTS

The multi-wires **PREMIA** have been designed to be very efficient and very cost effective in their cutting operations: spare parts and consumables, such as the polyurethane profiles, are designed and EFFICIENT AFTER SALE SERVICE lower operating costs for the final customers.

FAST MAINTENANCE SERVICES

We know the importance for the customers to rely on a punctual and efficient after sale service, so we are organized with local technical staff available at the site, also by the support of tele assistance and direct the support of **BIDESE-QTEQ** technicians at the site.

QUALITY CONTROL

All machines components are carefully inspected and tested before being assembled. All construction phases go through a rigid quality checking system with the support of a total quality management software.

SUPERIOR CUTTING QUALITY

The multi-wires **PREMIA** have been designed to be very efficient and very cost effective in their cutting operations: spare parts and consumables, such as the polyurethane profiles, are designed and produced at the Q-TEQ factory, resulting in a higher quality and in lower operating costs for the final customers.

CUTTING PERFORMANCE

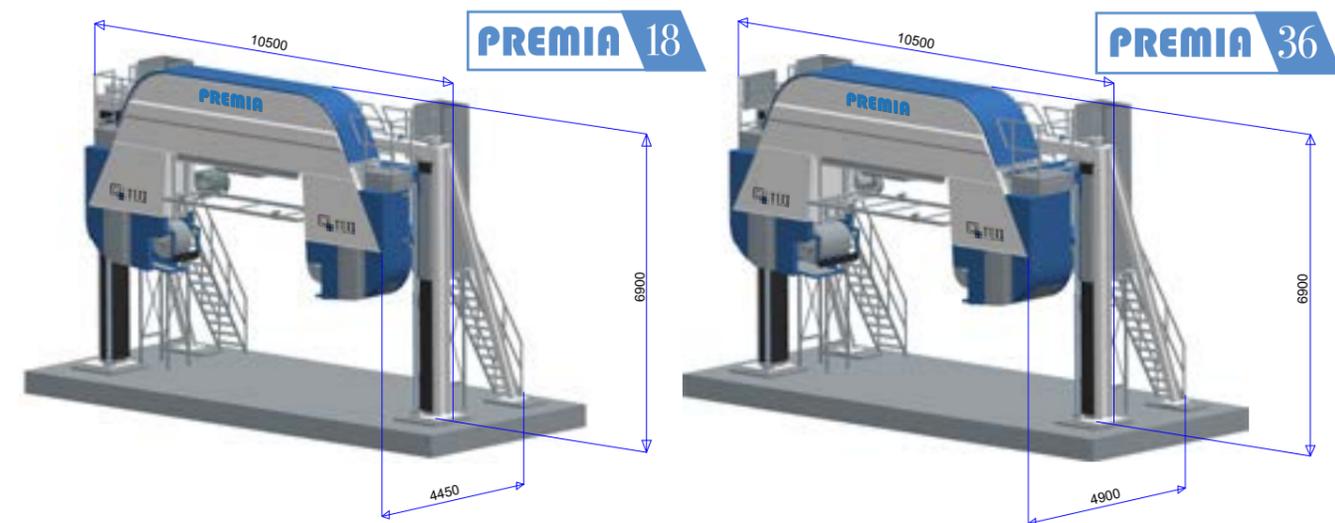
Cutting precision is ensured by the properties of the innovative **PREMIA** multi-wire machines.

The optimal cutting surface obtained with innovative diamond wires Ø 4.3 mm, allows to optimize polishing times and costs, as well as a lower removal of stone in polishing.

VARIABLE SLABS THICKNESS SETTING

Multiwire **PREMIA** were borne with a variable thickness setting to produce cut slabs from 2 cm to 10 cm and superior.

THE NEW RANGE OF MULTIWIRES PREMIA

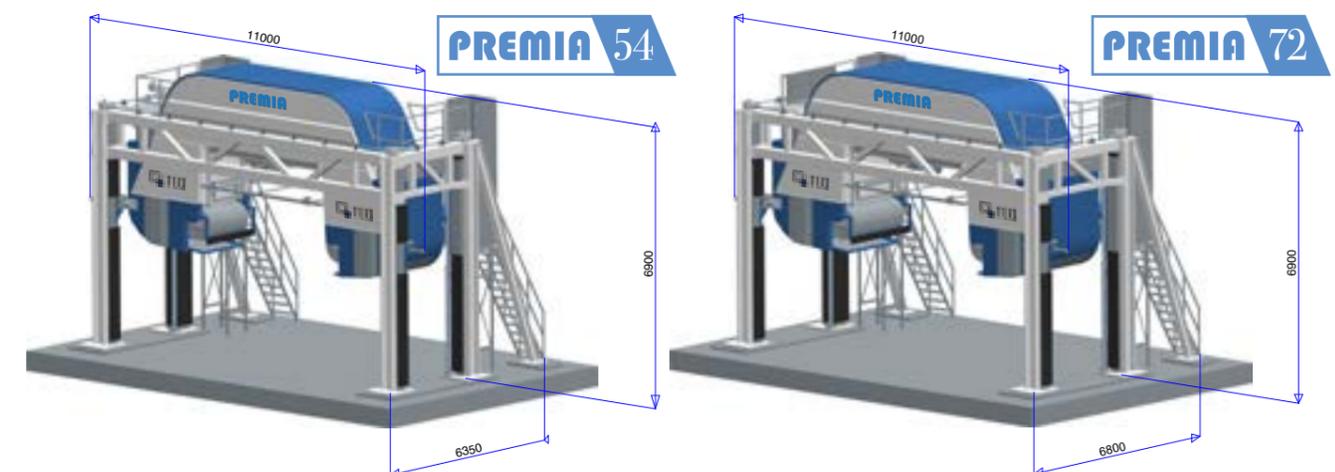


BIDESE-QTEQ PREMIA multi-wires have been designed to be customized and therefore can meet any different customer's requirements.

For this reason **PREMIA** multi-wires are composed of a number of "modular elements" which can be assembled for each required number of diamond wires, for the preferred diamond wire diameter and for the different cutting areas requested, with rigid structures based on two or four columns, depending the dimension of the machines.

PREMIA multi-wires are also designed to cut with any different diamond wire diameters today available in the market, so customers who prefer a specific diamond wire diameter, may purchase the **PREMIA** multiwire model optimized to cut with their selected wire.

The base models of **PREMIA** multi-wires are equipped with 18, 36, 54 and 72 wires, but they can be customized also with an higher number of diamond wires, as the mechanical construction of **PREMIA**, such as the main four columns structure of the machine's portal, has been designed to be highly rigid and stable.



PREMIA ULTRA

Exceptionally stable construction designed on FOUR SUPPORTING COLUMNS enables to produce upon request **PREMIA** multiwire machine provided with over 72 wires.

TECHNICAL FEATURES OF PREMIA MULTI-WIRES

Designed with an optimized triangle circuit system, combined with the large diameter of drums and pulleys, **BIDESE-QTEQ PREMIA** multi-wires minimize the stress of the diamond wire, able to obtain high performances

Thanks to the sides pulleys of Ø 1.250 mm, Ø 1.000 mm tensioning pulleys, the Ø 700 mm of the guiding wire drums, **BIDESE-QTEQ PREMIA** multi-wires ensure longer life of diamond wires, cutting accuracy and cutting performances in general.

A mono-block structure supported by four columns is adopted on large sizes of **BIDESE-QTEQ PREMIA** multi-wires.

A great advantage of multi-wire **PREMIA** is to have a great stability easy interchanging of the diamond wires thanks to a new system designed by **BIDESE-QTEQ**.

The innovative **PREMIA** pneumatic tensioning system offers other important advantages: very accurate tensioning of diamond wires according to the type of wire installed on the machine, regular tensioning during all cutting phases and minimum service costs. The pneumatic tensioning system reduces the technical service with a positive impact on the environment thanks to the absence of mineral oil.

Pneumatic tensioning and cutting management gives an optimal contact of the wires on every type of stone, avoiding the typical problems of abnormal wear on diamond wires, cutting deviations and breakages.

The accessibility to all areas of the machine for interchanging and set up of diamond wires is easy and completely safe, by stairs access and protection, respecting the rigid safety regulations.



The new generation of multi-wire **PREMIA** is the highest expression of innovation, associated with the revolutionary 4,3 mm diamond wire produced by **BIDESE-QTEQ**.

The advantage is expressed in higher stone recovery, like 40 square meters slabs of 20mm per cubic meter, a goal never achieved by today.

Cutting performances and competitive costs are completely **guaranteed** by **BIDESE-QTEQ**.

REMARKABLE INCREASE OF LABS PER BLOCKS.

BIDESE-QTEQ PREMIA
+
BIDESE-QTEQ WIRES Ø 4,3 mm

SLAB THICKNES	WIRES DISTANCE	SQUARE METERS PER CUBIC METER
20 mm.	25 mm.	40
30 mm.	35 mm.	28,57
40 mm.	45 mm.	22,22
50 mm.	55 mm.	18,18





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YOUR BUSINESS

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