



## Why choose CO.FI.PLAST wire

The diamond wires are designed, developed and manufactured by CO.FI.PLAST for quarry cutting, blocks squaring and slabs production. They are available in several typologies able to satisfy all the different market needs, for both the stone and building sector.

### EFFICIENCY



CO.FI.PLAST diamond wires are designed in order to give the maximum efficiency level. High cutting performances are guaranteed by the **quality of the diamond beads**, that maintain unchanged their cutting characteristics. The optimization of the manufacturing process has allowed to **improve the cutting efficiency, guaranteeing the speed and accuracy performances required**. Furthermore a **conscious diamond wire use** increases the wire life, **reducing consequently the working and the substitution/regeneration costs**.

**Conscious use + Quality = REDUCTION OF WORKING COSTS**

### TECNOLOGY



CO.FI.PLAST diamond wires are manufactured through complex industrial processes. The company IPR strategy (Intellectual Property Rights) has allowed to protect the most critical industrial process for the realization of the diamond wire, **guaranteeing the quality and the uniqueness of the product on the market**. The diamond wire manufacturing process consists in some critical steps, that determine the quality of the finished product. The thorough knowledge of these steps has allowed CO.FI.PLAST to obtain an high quality product and to differentiate itself on the market, offering solutions high-tech and uniqueness in their typology.

**Technology + Competency = QUALITY & UNIQUENESS OF THE PRODUCT**

### SAFETY



The **easy to use** product, the attention to the **safety** of the operators and of the surrounding areas, guarantee a safe and stable functioning, without any decrease in the performance.

The optimization of the diamond wire assembling technology allows to realize more resistant, more flexible and more durable products. The resistance consists in the minimization of the wire ruptures du-

ring cut, with the consequent **increase of the productivity and the minimization of the risks and of the machine stoppages**. The wire flexibility allow to **perfectly cope with any cutting condition**, while the long duration of the cutting tools permit to **reduce the production costs**.

**Easy to use + Safety = MINIMIZATION OF MACHINE STOPPAGES**

### RELIABILITY



CO.FI.PLAST diamond wires are designed in order to guarantee efficiency, high production and performances stable in the time, minimizing consequently the production costs.

The working conditions and the presence of water, mud and scraps do not degrade the CO.FI.PLAST diamond wires, that maintain their characteristics during time. Indeed, the perfect synergy between the materials used and the manufacturing processes generates a **products able to guarantee an efficient, effective and constant functioning**. Furthermore the diamond wires manufacturing process guarantees the realization of products with constant characteristics, also with high production lot.

**Product optimisation + process optimisation = RELIABILITY**



### FLEXIBILITY



CO.FI.PLAST diamond wires are conceived in order to guarantee the **maximum functioning flexibility**. The availability of products of many typologies allows to **satisfy the different needs**,

**offering products able to optimize specific production, logistic or organizational needs**. CO.FI.PLAST diamond wires are able to process any kind of materials, both in the stone and building sector, optimizing the process parameters in order to guarantee high productivity levels.

**Customer needs satisfaction + Know-How = FLEXIBILITY**

### SUSTANABILITY (ECONOMICAL-ECOLOGICAL-SOCIAL)



CO.FI.PLAST diamond wires are designed to **minimize the energy consumption and the waste production, for the realization of a sustainable and low impact production**. The rea-

lization of high productivity tools allows to minimize the energy consumption, thanks to the high cutting efficiency. Furthermore an adequate process sustainability is guaranteed by the use of small diameter diamond wires that allow to reduce the process waste, to limit the cutting energetic consumption, increasing the process efficiency, and to decrease the quantity of raw material processed.

**Diamond wire conformation + Process optimization = SUSTAINABILITY**

### VERSATILITY



CO.FI.PLAST diamond wires are conceived in order to **perfectly cope with the different cutting machine typologies present on the market**, offering flexible products both in quarries

and factories. The versatility of CO.FI.PLAST products guarantees their **universality**, offering solutions able to satisfy the different requirements of product, management and productivity.

**Diversified offer + Customer needs adaptation = VERSATILITY**