



**DIECI**

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**MULTI-WIRE  
FOR  
THICK AND THIN  
SLABS**



# PERFORMANCES

## **DIECI / 700**

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### **GREAT STABILITY**

The great advantage of multi-wire **QTEQ-BIDESE DIECI / 700** is a great stability. Moreover **handy and fast** in replacing of the diamond wires.



### **TRIANGLE FRAME DIAMOND WIRE CIRCUIT**

Designed with an optimized triangular diamond wires circuit system, multi-wire **QTEQ-BIDESE DIECI / 700** **minimizes the stress** on the diamond wires granting high performances!



### **DRUMS AND PULLEYS**

Thanks to the well-sized drums and pulleys, multi-wire **QTEQ-BIDESE DIECI / 700** gives **longer life** to the diamond wires and **increases cutting performances**.

The cutting precision is warranted by drums guiding wires



### **PNEUMATIC WIRE TENSIONING**

The innovative tensioning system on the multi-wire **QTEQ-BIDESE DIECI / 700** gives many important advantages, like an **optimal contact of the wires** on the stone during the cutting, preventing of the typical problems of oval effect on the wires, cutting deviation and diamond wires breakages.

Pneumatic tensioning **minimizes the service costs** and meets a positive impact to the environment thanks to the absence of oil.



### **FAST SET UP OF WIRES AND COMPLETELY SAFE**

The accessibility to all areas of the multi-wire **QTEQ-BIDESE DIECI / 700** for replacements and set up of diamond wires, **is completely safe**, thanks to the access by stairs with adequate protection, respecting the most rigid safety regulations.



### **VARIABLE SLABS THICKNESS SETTING**

Multi-wire **QTEQ-BIDESE DIECI / 700** is available to produce every thickness of slabs from 2 cm to 30 cm.

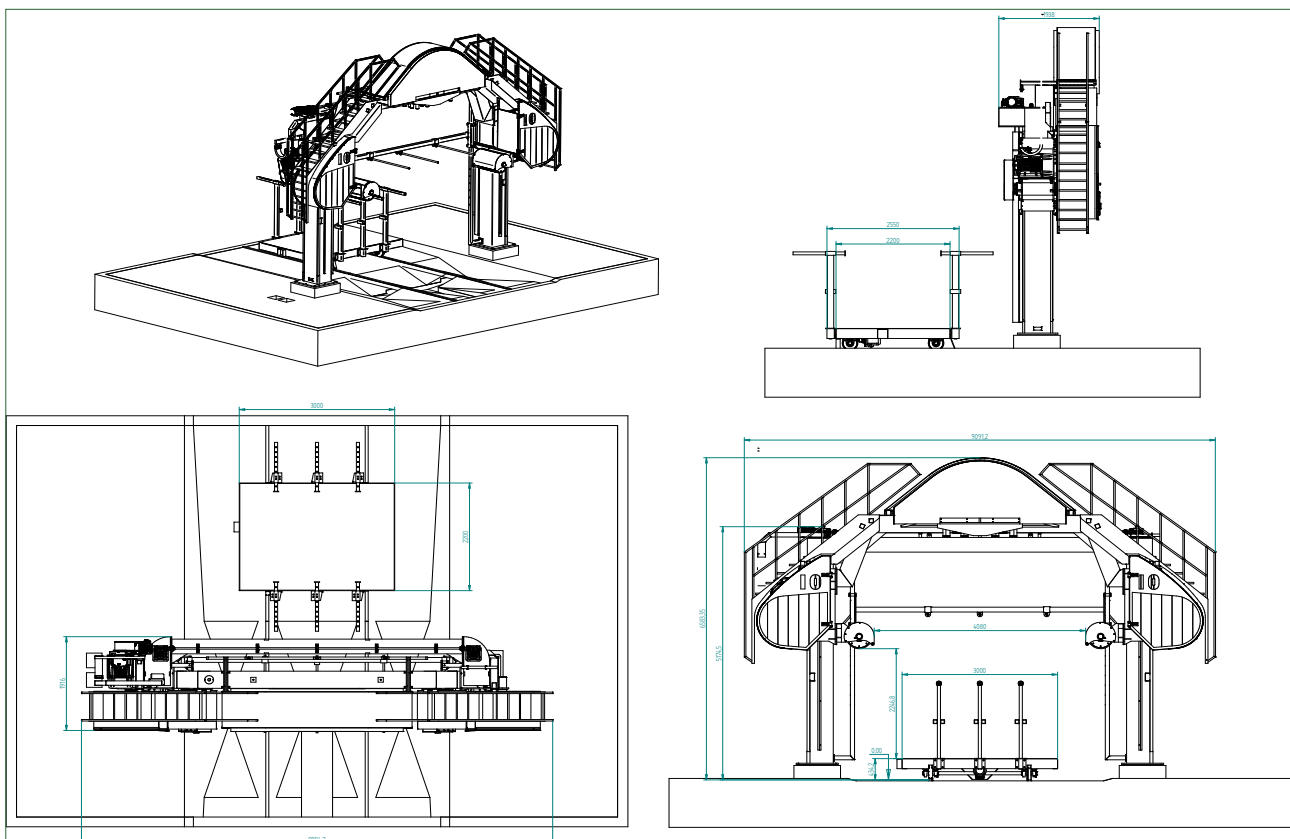
To set the thickness **easy and fast**, moreover the possibility to adjust the wires distance, according to different diameter, getting **optimal stone recovery**.



# TECHNICAL FEATURES

## **DIECI / 700**

<b>QTEQ-BIDESE DIECI / 700</b> multi-wire dimensions (LxWxH):	L: 9.100 x W: 1.940 x H: 6.600 mm
Width of the diamond wires cutting area:	700 mm
Motor flywheel diameter:	∅ 1.000 mm
Guiding pulleys diameter:	∅ 1.000 mm
Tensioning pulley diameter:	∅ 700 mm
Diamond wires guiding wheels diameter:	∅ 500 mm
Diamond wires variable rotation speed:	0 - 35 m/sec.
Diamond wires cutting down feed:	0 - 300 cm/h
Diamond wires rising speed:	33 cm/min.
Available cutting area: (L x H)	4.000 mm (L) x 2.230 mm (H)
Diamond wires rotation motor power:	55 KW
Motor controlling slow cutting down feed and fast lifting:	5,5 KW
Diameter of the installed diamond wires:	7,3 mm
Installed diamond wires:	10
Pneumatic diamond wire tension:	0 - 300 kg
Required water quantity:	120 liters/min.
Required compressed air:	80 liters/min (minimum 6 bar)
Thicknesses of the slabs:	20/300 mm
Electric power:	400V - 50 Hz
Weight:	18 ton
Diamond wire loop length:	18.670 mm
Installed electrical power:	65 KW
Transport:	n. 1 open top 40 feet





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