

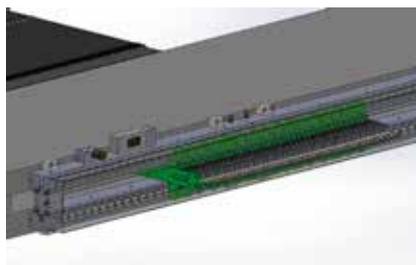


TENSIONERS & TIE-RODS  
FOR MARBLE AND GRANITE

M A D E I N I T A L Y  
CREATIVE POWER FOR STONE PROCESSING

## 7 mm SPECIAL CUT HYDRAULIC TENSIONER FOR MARBLE

Marchetti guarantees high quality and precision thanks to its 55 years of activity in the Stone Industry. The accurate and constant work of a team of experts ensures the best cutting performance. Marchetti tensioners are entirely produced in Italy, using only the highest quality materials, such as European special steel. The Production team is totally composed of specialized workers and the production process is managed by a Technical Office. This guarantees the quality and performance of each mechanical component. The Technical Department also responds to customer's needs and, in particular, to special cuts requests. In fact, it is thanks to the customer's requests that the 7 mm marble tensioner is born, able to cut extra thin slabs and ensuring the same high quality cutting performance. The request for thinner slabs comes mainly from architects and interior designers for complex projects and contemporary installations. In addition, this cutting system allows to obtain a greater number of slabs from a single marble block, optimizing the sawing costs. Marchetti is always at the side of its customers and keeps developing efficient solutions and new technologies able to assist the customer at 360°.



**Marchetti Tech Srl**

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## NEW TECHNOLOGY

# 18 TON HIGHT PRESSURE TENSIONER for 13mm

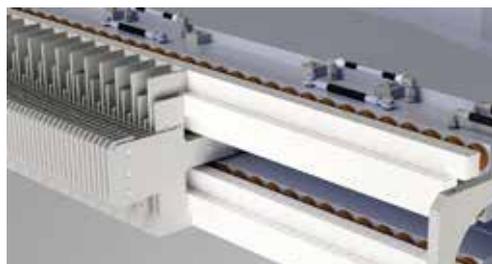
HIGH PRESSURE TENSIONER AND SPECIAL TIE-RODS FOR GRANITE CUT WITH DIAMOND BLADES

Marchetti, the world leader for the manufacturing of marble and granite tie-rods and tensioners, is pleased to present the revolutionary technology able to cut granite blocks using diamond blades. This system is suitable to all types of traditional granite gang saw machines and it is completed with:

- High pressure tensioner 18 tons
- High resistance steel tie rods with galvanized treatment
- Set of hardened spacers for 2 and 3 cm cuts
- Hydraulic power unit with 600 bar

Benefits using the new system:

- Possibility to cut very hard granite and stone
- Possibility to cut granite and marble at the same time
- More productivity (+ 15% compared with the traditional system)
- Saving time (1 block within 24 h)
- High precision and high stability in the cutting of slabs
- Excellent cut of granites with hard parts inside thanks to the high tension of the cutting blades
- Saving money [reduction of energy costs (- 30% compared to the traditional system and - 50% compared to the multiwire machine) and less maintenance costs]
- Less use of material and about -40% of mud production
- Environmental protection and excellent work environment
- Gives new life to your traditional gang saw with a reasonable investment



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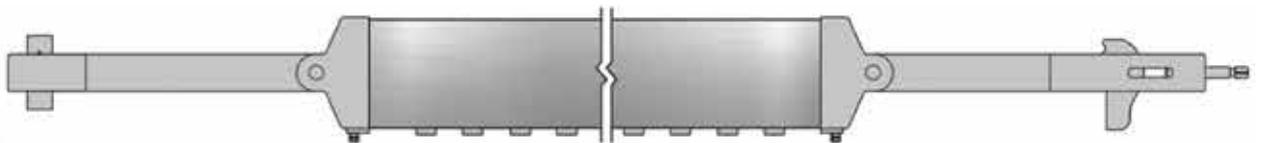
**TENSIONERS & TIE-RODS  
FOR MARBLE AND GRANITE**  
**M A D E I N I T A L Y**  
 CREATIVE POWER FOR STONE PROCESSING

WORLD PRODUCER LEADER  
 FOR TIE RODS AND TENSIONERS  
 FOR MARBLE AND GRANITE

**TENSIONER for MARBLE**

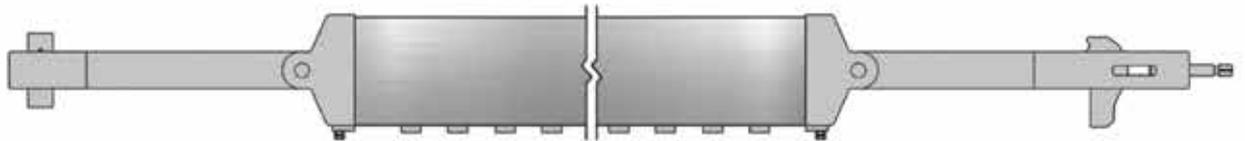


**HYDRAULIC TIE-RODS for MARBLE**



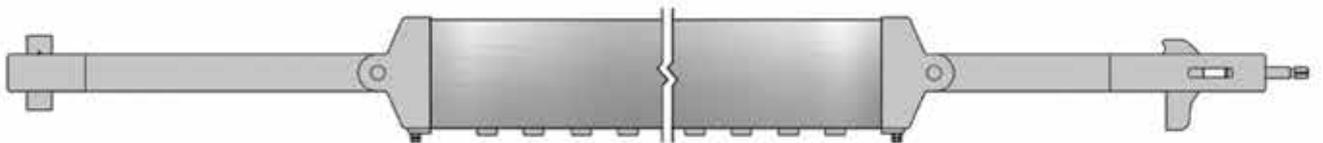
7,5 t

minimun cutting width 11 mm



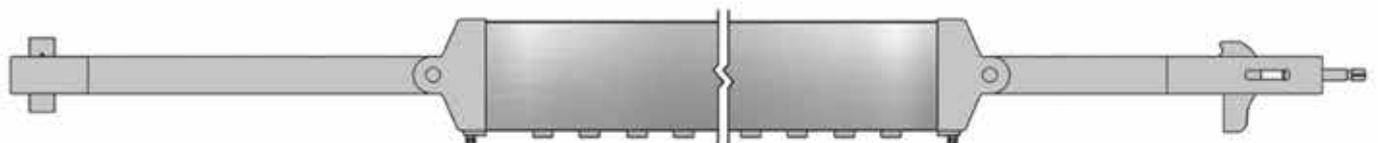
9 t or 13 t

minimun cutting width 12,5 mm



9 t or 13 t

minimun cutting width 15 mm



9 t or 13 t

minimun cutting width 20 mm



- 1. Torque Wrench - cod. 7169
- 2. Milon Piston Insertion Spanner cod. 7712
- 3. Lockout for Spanner x 15 mm - cod. 7167 x 12,5 mm - cod. 7168 x 11 mm - cod. 7170
- 4. Pole for Blade
- 5. Spirit Level



- 6. Accumulator - cod. 9733
- 7. Collar - cod. 9732
- 8. Rubber Connection - cod. 6777



- 9. Pressure Gauge Guard - cod. 6743
- 10. Pressure Gauge - cod. 6932
- 11. Plate Connection - cod. 6933
- 12. Complete Piston 13 TON x 15 mm - cod. 10030
- 13. Seal - cod. 9928
- 14. Complete Piston x 15 mm - cod. 7405
- 15. Seal - cod. 6917



- 18. Complete Closing Valve - cod. 7081



- 35. Electropump - cod. 9385
- 36. Pneumatic Pump - cod. 18503

oil capacity	capacità olio	capacidad aceite	10 lt
max pressure	pressione massima	presión máxima	600 bar
motor	motore	motor	Kw 0,37 (0,5 HP) 220-380 V 1370 rpm-50Hz
weight without oil	peso senza olio	peso neto	26 kg



36

Modello	2520	5020	7020	1020
Pressione ingresso aria (bar*)	2,8 - 10			
Pressione massima di utilizzo (bar*)	250	500	700	1000
Portata max. nominale (l/min)*	2,6	2,1	1,1	0,85
Attacco aria (standard*)	1/4" G			
Attacco olio (standard*)	3/8" NPTF			
Peso max - SENZA OLIO (kg)	- 16			
Contenuto olio / quantità utilizzabile (l)	- 20 / 18,7			

(\*) Con pressione di alimentazione pari a 8 bar - (\*\*) a richiesta possono essere forniti differenti tipi di attacco

Tipi di olio da usare	SHELL TELLUS S2 V22/32 - MOBIL DTE 22/24 - CASTROL HYSPIN AWS 22/32 - e equivalenti
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