

BRIEF INTRODUCTION OF VACUUM BRAZED WIRE SAW

Suzhou Hizar Machinery & Tool Co.Ltd

➤ **Rich experience in stone industry since 1983**

➤ **Co-working NUAA university**



Vacuum Brazed Bead (double-tower)



Patent Code:
ZL200420054291.4

Patent design

➤ **Dedicated R & D for many years**

➤ **Countless tests on various quarries**



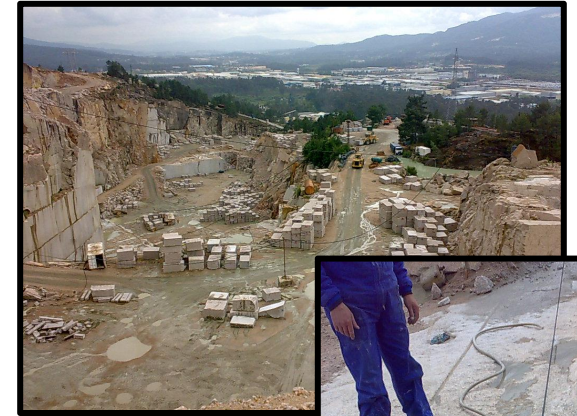
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HIZAR PROFESSIONAL STONE MACHINE AND DIAMOND TOOLS SUPPLIER
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Item Name	Design of diamond bead	Diameter of diamond bead	Diameter of Steel Cable	Length of diamond bead	No. of Beads pcs/m	Assembling way	Cutting life (m ² /m)
Vacuum brazed wire saw	φ 9.8mm	φ 9.8mm	φ 4.9mm	12.5mm	33	spring/plastic	50-130
	φ 8.8mm	φ 8.8mm	φ 3.8mm	12.5mm	33	spring/plastic	

钎焊金刚石绳锯的优点 Advantages of Vacuum Brazed Wire saw

- 钎焊金刚石具有“永不脱落”的效果，每粒金刚石都可以得到最大限度的利用，使金刚石的“有效利用率”由常规磨具的5~10%，提高到50%以上。
Vacuum brazing diamond tools features “Never Fall Off”.Therefore ,maximizing the cutting power of every diamond ,greatly increase the “Effective Utilization Ratio” by about 40%. Conventional diamond tool (5-10%), Vacuum brazed tools (≥50%)
- 由于采用了专利技术（专利号：ZL 2004 2 0054291.4），充分发挥了钎焊金刚石“永不脱落”的功能，持久保持了钎焊金刚石绳锯的锋利性。
As a pioneer in vacuum brazing technoloy, our vacuum brazed wire saw is granted with “Patent Product” (Patent No.: ZL 2004 2 0054291.4).
With this patent, Our wire saw outshines other competitors by optimizing the cutting power of diamond deads both in speed & lifespan.
- 钎焊绳锯的锋利度可以达到烧结绳锯的200~300%，是当今世界上最锋利的绳锯。
The velocity of vacuum brazed wire saw can be 200-300% that of sintered wire saws. Without exaggeration , it is the fastest wire saw in the world !
- 在切割工作时，电机能耗大大降低，使小功率（22KW）绳锯机可以发挥出大功率（37KW及以上）绳锯机的切割效率。
Greatly reduce the power consumption . eg, 22kw with vacuum brazed wire saw = 37kw with conventional wire saw.
- 在绳锯的两端，固定有罗纹活接头，免去了频繁的现场连接麻烦，省工省时，大大提高了生产效率。
With easy threading connectors on both ends of wire saw, this wire saw can quickly connected , saving your time and trouble connecting the wire saw.
Hence greatly increase the efficiency.
- 钎焊绳锯的串珠长度为12.5毫米，全部布满金刚石，每粒串珠的金刚石工作面相当于2粒常规串珠。因此，使用寿命和烧结绳相当，但效率大大提高。
With a length of 12.5mm on the steel body, full of diamonds , each diamond bead has a working area 2 times that of conventional bead. Thus , the wire saw has similar life to sintered wire saw and much faster velocity than that of sintered one!