

NEW



THE PRECISION DIAMOND WIRE SAW MODEL **WELL 9000**



WELL 9245

www.welldiamondwiresaws.com



THE PRECISION DIAMOND WIRE SAW MODEL "WELL 9245"

has been build and delivered for the first time in 2006, parts up to diameter 635 mm (25") can be cut. This saw is based on Model 7243 but has a higher capacity and uses a improved technology. The work table is very rigid and can support nearly 500 Kg. (1100 Lb). Gravity feed is used and can be adjusted in both directions by changing the inclination of the precision guides on which the Saw is standing. The bigger the angle of inclination the higher the force between wire and work piece. The work table has T-Slots. 68m of Diamond Wire Dia: 0.70mm are continually wound and unwound thus generating a cutting action. Provision is made to use a cutting fluid which main purpose is to keep the wire clean, cooling and lubricating of the cutting wire is not required. New cutting wire can be wound on the drum using a device mounted on the saw itself.

TECHNICAL DATA:

A) MECHANICAL:

Drum and Pulley diameter:	635 mm (25")
Max. Size of sample:	630 x 630mm (H x L, the width is not limited)
Wire tension:	50 Kg (110 Lb)
Gravity feed force:	up to 5 Kg (11 Lb)
Diamond Wire:	Dia.: 0.70 mm, D64 (thinner wires up to Dia.:0.35mm are available)
Length of cutting wire:	68 m (224 feet)
Dimension of Saw:	180 x 90 x 265 cm (L x W x H), 70 x 35 x 104"
Weight: approx.:	380 Kg (836 Lbs.)
Wire cleaning:	Using Air-Liquid nozzle
Compressed Air:	6 Bar (85 PSI)

B) ELECTRICAL:

Main voltage:	230 or 115V, 50-60 Hz
Operating voltage:	24 V DC
Motor (Brushless):	1100 W, 1630 RPM, 9.5 N/m (max, 33N/m)
Encoder:	Heidenhain
Programming:	B+R

SUBJECT TO CHANGE

Please feel free to contact us with any questions or inquiries.

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