

SEK-IND

TCT CIRCULAR SAW TIPPING MACHINE



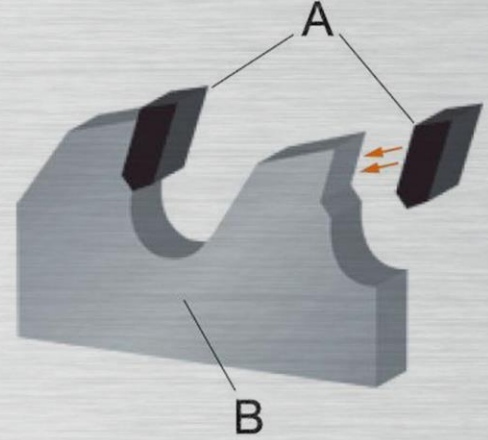
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Grinding Technologies

SEK-IND

SEK-IND is designed to be a repair machine for T.C.T. circular saws. It's purpose is to re-tip the broken and/or missing teeth on circular saw blades. It works with a high frequency induction system.

GENERAL FEATURES

- Precise and durable welding quality
- Same level of welding/production opportunity on every tooth.
- Welding and annealing of T.C.T. at various sizes.
- Ease of use, clearly expressed graphical control panel.
- Induction welding system.
- Chiller unit and manual activation pedal
- Built-in inductive heating head
- Temperature measurement sensor (Pyrometer)
- Axially independent adjustable heating head
- Production conformed with CE standards
- Special plating on mechanical components ensure non-corroding and hardening.
- Max Ø850 mm circular saw outside diameter capacity
- Ergonomic cabin built on strong machine base.

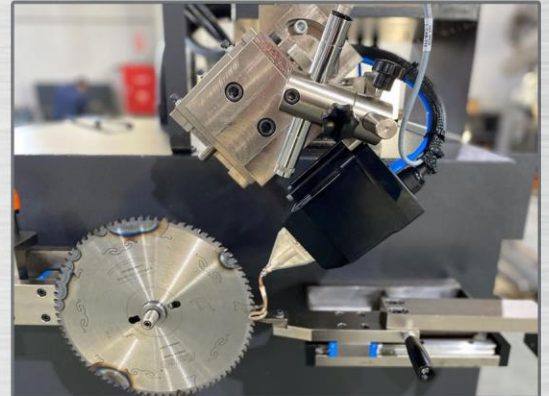


TECHNICAL SPECIFICATIONS

- | | |
|------------------------------------|----------------------|
| • Circular saw outside diameter | Ø80-850 |
| • Bore Diameter | Min. Ø16mm |
| • Welding Angle | (-15°) - (+35°) |
| • Heating Speed | Max. 300 degree/sec. |
| • Water Cooling (Chiller Unit) | 300 kPa |
| • Connected Load | HF 3.5 kW |
| • Average Output Power at Inductor | 45 kVAR |
| • Voltage | 3 ph, 380V |
| • High Frequency Range | 750 kHz... 1150 kHz |
| • Weight | 850/900kg |



Chiller Unit and Manual Activation Pedal



Operation Area



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