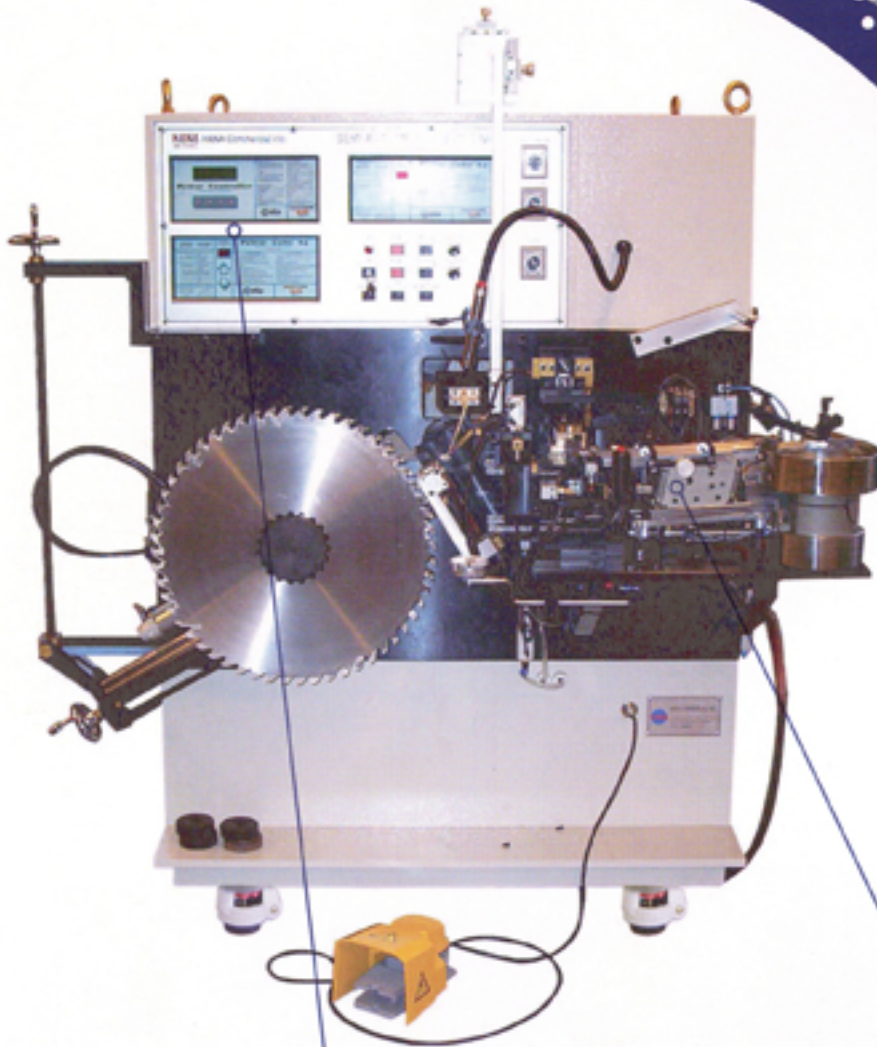


HANA

SEMI-AUTOMATIC HIGH FREQUENCY BRAZING MACHINE
FOR WIRE SOLDER / PRE-TINNED TIPS

BR - 500S [500SS]

- High efficiency due to ease of operation.
- Inexpensive.
- Automatic mode performs heating and soldering of the carbide tip at the same time with a press of a controller button.
- Sharing the same method of the tip sorting sys. from the Auto Brazing Machine.
- Fast brazing and easy programming with user friendly control panel.
- Automated high frequency induction.
- Easy operation for the recycling saw blades.
- Crack free for any hard carbide / stellite tips due to indirect heating system.
- Accurate tip sorting by dual optic sensors.
- Reinforced heavy frame to minimize the vibration during the operation.
- Specially designed for the hard grade carbide / PCD tips.



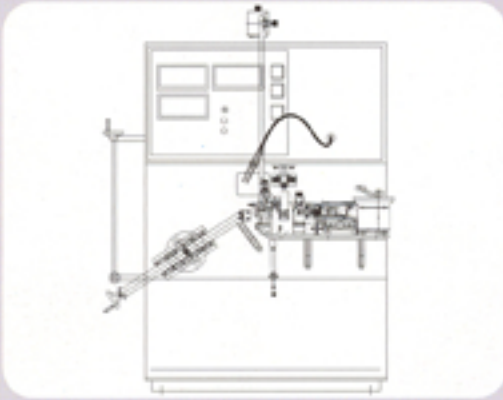
CONTROL PANEL

- : combined optic pyrometer with generator system
- : accurate and consistent heating control
- : high frequency power 5.6kW
- : simple panel with easy programming
- : timer for feeding solder time, solder volume, and cooling time

LINEAR TIP SORTING SYS.

- : easy setup for all saw and brazing configurations
- : easy setup for 5" ~26" saw blades (available for saw up to 38" diameter)
- : adopted the method of the tip sorting sys. from the auto brazing machine ABR-500

STANDARD EQUIPMENT



L 1500 X W 1200 X H 1700

OPTIONAL SELECTION

BR-500SS saw diameter up to 38" (960mm)

- tip track (adopted from ABR-500) 1
- optic pyrometer 2
- saw adjustment assembly 3
- tip transfer/brazing controller 4
- control panel 5
- HF brazing 6

TECHNICAL FEATURE / SPECIFICATION

BR-500S	TECHNICAL DATA
saw blade diameter	5' - 26' (120 - 650mm)
saw blade thickness	0.047" - 0.225" (1.2 - 5.7mm)
length of carbide tip	0.196" - 0.511" (5.0 - 13.0mm)
width of carbide tip	0.078" - 0.255" (2.0 - 6.5mm)
height of carbide tip	0.0709" - 0.1575" (1.8 - 4.0mm)
hook angle	-10 - +30 degrees
solder	0.023" - 0.039" (0.6 - 1mm)
brazing time	4 - 6 sec/cycle
electricity	220v / 50 / 60Hz / 1 phase
high frequency generator	5.6Kw
frequency	1 Mhz
power source	8 Kw
air pressure	5 Kg / cm ²
dimension	L 1500 X W 1200 X H 1700
weight	1543.2lbs (700Kg)
saw collar size for loader	0.394" - 5.512" (10 - 140mm)

