



MACHINERY

REFERENCES

AXA BORING AND MILLING MACHINE

Type	UPFZ-40
Table	3000x3000 mm
Portable Height	1000 mm
Max. Weight	20 t

VERTICAL BORING AND TURNING MILL 2800MM

Table Diameter	2800 mm
Milling Height	1600 mm
Max. Weight	16 t

VERTICAL BORING AND TURNING MILL 1400MM

Table Diameter	1400 mm
Milling Height	900 mm
Max. Weight	6 t

INDUCTION GENERATOR

Power	250 kVA
Frequency	10 kHz
Use	Brazing, Shrinking

WE PRODUCE FOR:

- Manufacturers of large electric motors and transformers
- Manufacturers of machine tools and machinery for woodworking and machining plastics
- Textile machine manufacturers
- Aerospace industry



CONTACT



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OPERATION PART WERDER

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RELIABILITY
LATEST TECHNOLOGY
UTMOST PRECISION
LONGTIME EXPERIENCE

SPECIFICATION FOR ALL BRAZING SYSTEMS

Protection Class IP 21
 Operation Mode S3 40%
 Insulation Class F



RESISTANCE BRAZING



We can adapt the brazing systems to our customer's needs.

System	Power	Rated Current	Voltage	Output Voltage	Frequency	Cooling	Coolant Capacity	Dimension (LxWxH)	Weight
BV-WLE 3	3 kVA	16 A	230 V	0-7 V	50-60 Hz	Air	-	20/9/10 in 500/225/250 mm	71 lbs (32 kg)
BV-WLE 4,5	4,5 kVA	16 A	400 V	0-7 V	50-60 Hz	Air	-	20/9/10 in 500/225/250 mm	71 lbs (32 kg)
BV-WLA 7	7 kVA	20 A	400 V	0-12 V	50-60 Hz	Water	1.6 gal (6l)	20/20/20 in 500/500/500 mm	287 lbs (130 kg)
BV-WLE 10A	10 kVA	25 A	400 V	0-12 V	50-60 Hz	Air	-	18/24/24 in 400/600/600 mm	265 lbs (120 kg)
BV-WLA 10 C	10 kVA	25 A	400 V	0-12 V	50-60 Hz	Water	1.8 gal (7l)	24/16/32 in 600/400/810 mm	485 lbs (220 kg)
BV-WLA 10 FI	10 kVA	15 A	400 V	0-12 V	50-60 Hz	Water	1.8 gal (7l)	24/16/32 in 600/400/810 mm	485 lbs (220 kg)
BV-WLA 25 C	25 kVA	63 A	400 V	0-12 V	50-60 Hz	Water	7.9 gal (30l)	40/24/34 in 1000/600/850 mm	705 lbs (320 kg)
BV-WLA 25 FI	25 kVA	36 A	400 V	0-12 V	50-60 Hz	Water	7.9 gal (30l)	40/24/34 in 1000/600/850 mm	705 lbs (320 kg)
BV-WLA 40C	40 kVA	100 A	400 V	0-12 V	50-60 Hz	Water	7.9 gal (30l)	40/24/34 in 1000/600/850 mm	705 lbs (320 kg)
BV-WLA 40 FI	40 kVA	63 A	400 V	0-12 V	50-60 Hz	Water	7.9 gal (30l)	40/24/34 in 1000/600/850 mm	705 lbs (320 kg)
BV-WLA 50 C	50 kVA	125 A	400 V	0-12 V	50-60 Hz	Water	10.6 gal (40l)	40/24/42 in 1000/600/1050 mm	926 lbs (420 kg)
BV-WLA 50 FI	50 kVA	73 A	400 V	0-12 V	50-60 Hz	Water	10.6 gal (40l)	40/24/42 in 1000/600/1050 mm	926 lbs (420 kg)

Special systems over 50 kVA according European standards are manufactured on demand.
 All brazing systems are adaptable to the electrical power supply of each country.

SHORT CIRCUIT RING BRAZING SYSTEM



Our in house constructed short circuit ring brazing systems are much more efficient than torch brazing systems. Among other advantages they provide temperature controlled brazing and brazing under constant pressure.

TECHNICAL SPECIFICATION

- 3x400V
- 200 / 320kW
- Options for cooling
- Maximum rotor diameter 750mm (about 30")
- Maximum rotor length measured across the short circuit rings 2000mm (about 80")
- Maximum shaft diameter 300mm (about 12")

The above mentioned data and values can certainly be adapted to the needs of each customer.

INDUCTION TOOLS



The coils are used for induction heating of metal parts. They can be operated with all the high frequency power supplies on the market. The coils are custom designed for specific applications.

We will advise you!

PRODUCTS AND SERVICE

- Manufacture of custom designed and special purpose electric motors
- Various large components for the electrical industry
- High frequency motors
- Resistance brazing systems - one of our high quality products
- Inductors for induction heating of metal for brazing, straightening, shrinking, tongs for induction- and brazing systems
- Machining of metal and plastic to customer drawings
- Repair of various types of motors, generators, transformers and electrical tools and machines
- Maintenance of electrical motors and generators up to 2 MW
- Metal components with fiberglass insulations
- Complete sliprings, shrink design, up to 3000 mm diameter, to customer drawings
- Complete sliprings, bolted design, up to 3000 mm diameter, to customer drawings
- Copper bus bars and bus bar assemblies, per customer specs
- Connecting bolts of copper
- Electric terminal boxes up to 10 kV and 1000 A
- Poles for motors and generators, laminated and solid
- Pole windings of round, square and rectangular copper
- Other electrical parts and assemblies on request
- Motor end shields, welded design, and bearing housings up to 3000 mm diameter
- Components of steel, stainless steel and non-ferrous metals
- Metal components with fiberglass insulation, such as bearing housings, taper pins etc.
- Fiberglass parts such as for motor winding support and insulation
- Other parts and assemblies on request

