



2021

EASA FLYER

# TABLE OF CONTENTS

## EQUIPMENT

Burn Off Ovens	4-5
Bake Ovens	7
Cleaning, Washing, Blasting	8-9
Cut Off, Coil Cutter	10
Winding	11-12, 14-16
Test Equipment	17-24
Welding, Brazing, Soldering	24
Soldering	25
Pullers	26
Paper Cutters	28-29
Hand Tools	30-31
Bearing Tools & Accessories	32-35
Balancing	36
Paint Booth	36
Commutator Equipment	37
Dyno	38-39

## SUPPLIERS

ACE	4, 7, 11, 14
AEMC	17
AW Dynamometer	38-39
Blast-It-All	9
Clemco	9
Crown	14, 20, 28, 30
Cuda	9
Dolph's	29
Dyna-Bal	36
Elantas	6
Garland Manufacturing	31
Guspro/Bayco	5
HeatTek	39
H2Oweld	24
Hofmann	36
Industrial Pulley Puller	26
Jenfab Cleaning Solutions	8
Jenkins	10
Kutrimmer	29

Laycock Systems	15, 30
Martindale Electric Co.	37
MBM	29
MDS/Schleich	18
Megger Instruments	23
Megger Baker Instruments	22-24
NTN	32-33
Phenix	19-20
Posi-Lock	26
Rea	13
Remgrit	10
Scheiing	12,14,30
S&W	14, 16
SKF	34-35
SprayTech	36
Steelman Industries Inc.	5,7
Tennsmith	28
Turner	10
Weller	25



## Investing in the Future of Motor Repair

At EIS, we're excited for the opportunity to see our friends and customers at EASA. We're ready to get out on the road and into the shops, helping solve problems and find solutions. And we're proud to introduce our new tools and services to the Apparatus Repair market.

From building a new, user-friendly website tailored to make doing business easier to expanding our fabrication capabilities and value-added services, EIS has spent the last year investing in our customers and our ability to provide the best service in the industry. There has never been a better time to check in with the EIS team and see how we can make your job easier, your supply chain more reliable, and your service best-in-class.



## INGENIOUSLY DESIGNED BURN OFF OVENS

- State-of-the-art technology
- High-end process control features
- Burn-off Ovens by ACE are your ultimate solution in heat cleaning and energy savings



### BURN OFF OVENS

#### Burn-off oven with one touch control-rt series

The new ACE (RT) Radiant Tube Heat Cleaning Ovens are big on performance and have the ultimate in energy savings, about 20% over convection-only Burn-Off ovens. ACE introduces the radiant tube heater, which for the first time utilizes radiant plus convection heat. Heat from the radiant tube results in a consequent heat extraction efficiency of 90%. Heats even in the harshest environment.

- Ace hybrid heating design - (RT) system consists of a radiant tube, which directs the radiant energy upward
- Heat clean without pollution - Conforms to tough EPA air emission standards
- 11 Gauge steel and coated with a high temperature, rust resistant paint
- 4" of high temperature insulation rated at 2,300° F (1,260° C) lines the oven
- Self-supporting exhaust stack to offer maximum energy efficiency
- Door is securely sealed by husky cam type latching mechanisms located on the top and bottom of the door, designed to accept a lock, as the door should not be opened during the heating cycle
- One touch control (OTC) automatic self-adjusting control system

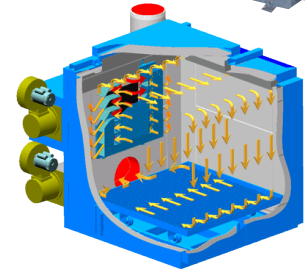


#### AVAILABLE SIZES

INSIDE DIMENSIONS				OUTSIDE DIMENSIONS			EIS#	LIST PRICE
WIDTH (IN)	DEPTH (IN)	HEIGHT(IN)	OVER CART	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)		
36	36	47	33	56	64	58	ACE230-RT	RFQ
60	60	72	57	80	94	85	ACE245-RT	RFQ

# BURN OFF OVENS

- Automatic Process Control (APC)
- Unique Top/Down Heating Design - Creates more uniform temperatures, controls of hottest spot in the oven to prevent part damage and increases efficiency. It makes the process easier to control, lowers particulate emissions, allows ash pans in the bottom of carts, and cart wheels last much longer
- Exhaust kits include 14 linear feet of exhaust stack over the top of the oven, rain cap, and flashing (Additional stack lengths, elbows, dampers and other accessories are available from the factory)
- Meets NFPA/FM/UL Standards (Other standards by Industrial Risk Insurers (IRI), Canadian Gas Association (CGA), etc., can be substituted at small charge)
- High Fire Afterburner is standard with every oven, allowing the afterburner to rapidly heat up and maintain a minimum of 1,500°F during operation
- Cool-Down Circuit - If the afterburner fails for any reason, the water sprays are activated to cool the load to prevent smoke from going up the stack
- Automatically shuts off when oven is cooled
- The best quality and technological innovations in a wide variety of ovens to fit any situation and budget



INTERIOR DIMENSIONS			VOLUME INSIDE (FT <sup>2</sup> )	EIS #	LIST PRICE
WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)			
36	36	48	36	STEELMAN343BAE	\$38,250.00
48	48	48	64	STEELMAN444BAE	\$43,175.00
72	72	72	216	STEELMAN666BAE	\$66,175.00
84	84	84	512	STEELMAN888BAE	\$99,525.00

# BURN OFF OVENS

- Modular U-Shaped Firebox
- Hinged Cart Track Extensions
- V-Grooved Cart Wheels With Hinged Cart Tracks
- High/Low Modulating Process Burner
- OTS (Over Temperature Suppression) System
- Electric Door Lock
- Advanced Programmable Control System
- Digital Data Logger



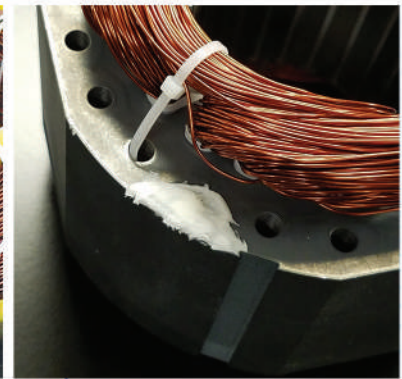
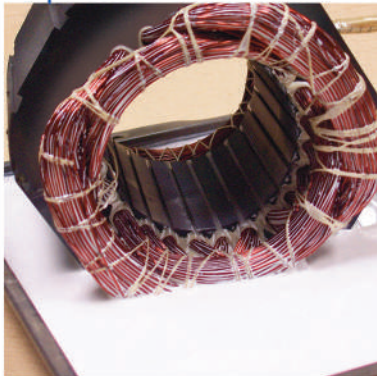
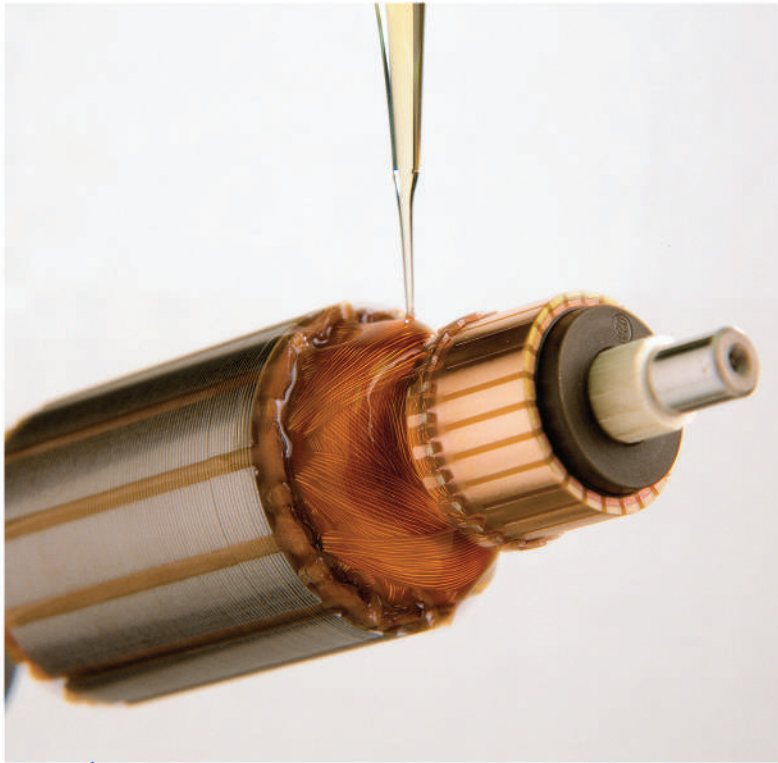
USEABLE OVER CART DIMENSIONS INSIDE CLEAR DIMENSIONS (INCHES)			INSIDE DIMENSION (INCHES) W X D X H	DESIGN LOAD* CAPACITY (LBS.)	LOAD CAPACITY (LBS.)	THERMAL OXIDIZER CAPACITY (LBS./HR.)	FUEL REQUIREMENTS 6'-8" WC NATURAL GAS		APPROX. SHIPPING WT. (LBS.)	EIS #	LIST PRICE
W	D	H					MAX CFM	AVERAGE USAGE CFH			
24	24	24	28 x 28 x 38	800	3,600	10	400	240	3,700	GUS242424	\$19,900.00
60	60	60	66 x 68 x 87	4,000	8,000	50	1,500	900	10,800	GUS606060	\$49,900.00
72	72	72	78 x 80 x 99	5,000	12,000	55	2,000	1,200	12,700	GUS727272	\$56,500.00
96	120	96	102 x 128 x 123	6,000	16,000	70	2,000	1,200	16,800	GUS9612096	\$87,500.00

\* Design load based on load that can be brought up to cleaning temperature in under one hour



Dip and Bake Resins

VPI Resins



Trickle Resins

Flexible Electrical  
Insulation

Masking Compounds

INSULATION YOU CAN  
COUNT ON!

## BAKE CURING OVENS

### Walk In Oven Standard features:

- Angle iron frame in all models except 222
- Insulated sides, top, & rear (8#/ft3 mineral wool)
- 14-16 Gauge cold rolled steel exterior
- 16 Gauge aluminized steel interior & airflow ducts
- Explosion relief door latches or hatches
- Lifting eyes and mounting brackets standard
- 99 Hour digital timer with interlock on blowers
- Standard service 208,240, 460 & 480 volt (3 Ph / 60Hz)
- Air pressure proving switches for blower failure
- Gray enamel exterior finish on zinc rich primer
- Forced exhaust for removal of solvent vapor
- U.L. Listed control panel & components
- LED PID temperature control
- Air circulation & exhaust purge timer
- Door switch for heat and blower cutoff
- Back up high limit & deviation control
- Main line circuit breaker is included

INTERIOR DIMENSIONS			VOLUME INSIDE (FT <sup>2</sup> )	EIS #	LIST PRICE
WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)			
48	48	48	64	STEELMAN444GTC	\$29,300.00
72	72	72	216	STEELMAN666GTC	\$40,450.00
84	84	84	512	STEELMAN888GTC	\$56,125.00

\*Cart not included



## BAKE OVENS

These highly efficient ovens are ideal for preheating or drying parts and curing various coatings.

- PREHEAT: prepares metal, medium-density fiberboard or other substrates for your coating process.
- DRY-OFF: Eliminates water or moisture accumulated during the pre-treatment washing process.
- Cure: elevates the part and coating temperature to achieve the desired coating performance.
- Energy-efficient direct fired burners.
- ODP electric motors
- Aluminized steel six inch insulated panel walls and ceiling.
- Duct work designed to avoid direct air impingement.
- FM or IRI insurance approved controls
- Honeywell, MAXON and Allen Bradley components
- Automatic shutdown
- Low operational and maintenance cost

INTERIOR DIMENSIONS			EIS #	LIST PRICE
WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)		
6	6	6	ACE666	RFQ
6	10	6	ACE8810	RFQ
10	10	10	ACE101010	RFQ

**ace**

### Options Available

- Floor 20 Ga. aluminized, .25" steel plate, 3" insulated panel
- End mounted burner box
- Double doors both ends
- Chart recorder
- Door activated low-fire switch
- 208 VAC 3 Phase, 60 Hz.
- 240 VAC 3 Phase, 60 Hz.
- Installation and Startup

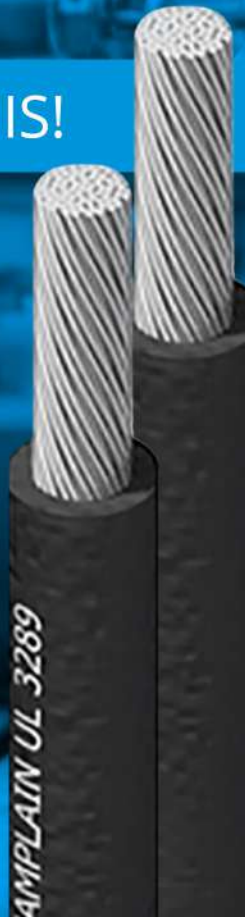




**EXAR® IS BUILT FOR THIS!**

# EXAR® SFX-OR MOTOR LEAD CABLE

**600V & 7500V IN STOCK AND READY FOR YOU!**



## PARTS WASHER

- Vertical pump systems - reliable and efficient
- Low water shut-off - protect your heat elements from low water conditions
- Swing-away spray manifolds - for better impingement on smaller parts
- Industrial quality immersion heaters
- Industrial controls - lighted switches
- Mechanical door seals - no rubberized seals that will leak
- Large swing-out doors for full access - there is not a more accessible turntable on the market
- Removable stainless steel basket - traps solids and larger debris
- Option ready shelf - not sure what options you will need? Our machines come ready for simple plug-n-play option installation in-field
- Bushed stainless steel v-jet nozzles - durability and precise 360 degree cleaning coverage

### Options Available

- Disc style stainless steel oil skimmer
- Oil coalescing systems
- Stainless steel construction - ss package
- Auto water fill
- Particulate bag filtration
- One or two function timers
- Recirculating and fresh water rinse stages
- Ambient and heated blow off stages
- Sludge extraction and steam exhaust systems
- Pump, heat and weight capacity upgrades
- Gas and steam heat options
- Insulation packages
- Electrical service disconnect
- Dual turntable options and custom fixturing
- High pressure / flow pumps
- Compressed air blow-off



TURNTABLE DIAMETER (IN)	INSIDE WORKING HEIGHT (IN)	WEIGHT CAPACITY (LB)	PUMP (HP)	PUMP OUTPUT (PSI/GPM)	SOLUTION CAPACITY (GALLONS)	HEAT SOURCE (KW)	TURNTABLE DOOR DESIGN	EIS #	LIST PRICE
25	32	1000	3	50/45	95	9	NON-ROLL-OUT TT	PCS-2532	RFQ
31	42	1000	5	58/85	125	12	ROLL-OUT TT	PCS-3142	RFQ
36	48	1500	5	58/85	148	18	ROLL-OUT TT	PCS-3142	RFQ
42	60	1500	7.5	68/120	250	18	ROLL-OUT TT	PCS-3142	RFQ



# PARTS WASHER

## Standard Features

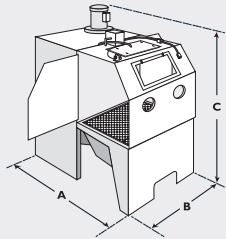
- Sump access doors - stainless steel
- Low water shutdown
- Automatic oil skimmer
- Rear forklift extension pockets make it easy to move unit without damage
- Turntable Size: 36"
- Interior Working Height: 48"
- Turntable Drive: Chain
- Load Capacity: 2500 lbs
- Sump Capacity: Chain
- Pump Type: 113 Gal
- Vertical / Seal-less Submerged
- Pump Specs: 7.5 hp
- 150 gpm / 50 psi
- Heating Elements: (2) 9kw
- Door: Roll In
- Available in: 230v/3ph, 460v/3ph, 575v/3ph



DESCRIPTION	EIS #	LIST PRICE
36" FRONT LOAD	CUDAH203648	RFQ

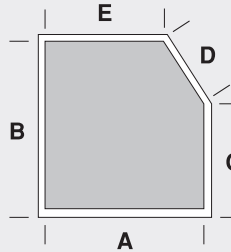
# BLAST CABINETS

- Efficiently separates dust and debris from reusable media
- Continuous reclamation and high-production blasting
- Simple media metering system
- Exclusive BNP blast gun
- Number 5 gun and ceramic nozzle standard
- Easy access to reclaimer door
- Efficient 1/2" moisture separator traps oil and water



## Complete System

- Pulsar® III**
- A. 62" (1575 mm)
  - B. 38" (965 mm)
  - C. 76" (1930 mm)
- Pulsar® VI**
- A. 71" (1803 mm)
  - B. 52" (1321 mm)
  - C. 84" (2134 mm)



## Cabinet: Door Opening

- Pulsar® III**
- A. 32.5" (826 mm)
  - B. 34" (864 mm)
  - C. 19" (483 mm)
  - D. 17.5" (445 mm)
  - E. 24" (610 mm)
- Pulsar® VI**
- A. 36.5" (927 mm)
  - B. 38" (965 mm)
  - C. 19.5" (495 mm)
  - D. 20.5" (521 mm)
  - E. 27" (686 mm)



SUCTION CABINETS MODEL	WEIGHT	EIS #	LIST PRICE
Pulsar® III (300)	850	CLEMCO20185	\$12,420.00
Pulsar® III-S (600)	850	CLEMCO25157	\$14,230.00
Pulsar® VI (600)	1150	CLEMCO20190	\$14,680.00



# BLAST-IT-ALL BLAST CABINETS

The LITTLE-BLASTER is constructed from heavy gauge metal, which is continuously welded. The LITTLE-BLASTER is also designed for a small company to start blasting with only a dust collector; then, without a lot of expense enables that user to convert to a reclamation system with the LITTLE-BLASTER Reclaimer Kit. While the LITTLE-BLASTER is limited to specifically smaller sizes than production type equipment, it is considered the highest caliber blaster manufactured today.

The Blast Cabinet 6048 Reclaimer and Dust Collector is constructed of 14 gauge reinforced metal. The working chamber features Double Walled Doors, Safety Door Interlocks, Self Adjusting Door Latches, Knife Edge, Self Sealing, Full Gaskets, and Full Length Hinges. This unit also has a large viewing window, interior lighting, a foot valve, media blasting gun, padded arm hold ports, and a blow-off gun.



DESCRIPTION	EIS #	LIST PRICE
LITTLE BLASTER SERIES 120V BLAST CABINET WITH 300 RECLAIM AND DUST BAG	LB4824-300	\$2,996.00
6048 SUCTION SERIES 120V BLAST CABINET WITH 700 RELCAIM AND 700 M2DC	6048-7 M2DC	\$10,285.00
6048 SUCTION SERIES 460V BLAST CABINET WITH 700 RELCAIM AND 700 M2DC	6048-7-3 M2DC	\$12,035.00

# VERTICAL CUT OFF SAWS

## Lancer L750 Vertical Cut Off Saw

- Lancer coil cutters are the economical cut-off machines
- Will handle 48 frame thru 36" diameter motors on its table, and up to 48" diameter motors with the optional floor mount table
- Additional option is the powerlift which will automatically raise and lower the cutting arm



Machine shown with optional accessories

DESCRIPTION	EIS #	LIST PRICE
FLOOR MOUNTED TURNTABLE	LANCERL750FMT	RFQ
POWERLIFT	LANCERL750PL	RFQ
NO MOTOR	LANCERL750BASIC	RFQ
3-PHASE MOTOR	LANCERL7503PH	RFQ
1-PHASE MOTOR	LANCERL7501PH	RFQ

# TUNGSTEN GRIT SAW BLADES

DESCRIPTION	EIS #	LIST PRICE
3" COARSE GRIT	SAWGC302	RFQ
4" COARSE GRIT	SAWGC408	RFQ
6.5" COARSE GRIT	SAWGC652	RFQ
7" COARSE GRIT	SAWGC703	RFQ
8" COARSE GRIT	SAWGC805	RFQ
10" COARSE GRIT	SAWGC507	RFQ

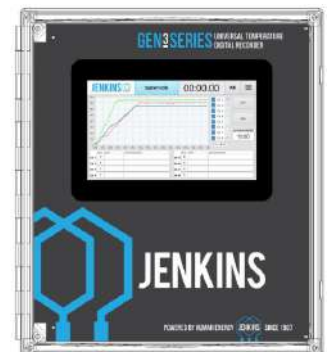


# JENKINS OVEN TEMP MODULE

- Digital temperature monitoring to meet EASA accreditation standards
- Configurable email notifications for start, stop, temperature warning and temperature alarm
- 4, 8 or 16 thermocouple input channels to monitor multiple pieces of equipment
- Add to an existing oven or available pre-installed on Ace Ovens



DESCRIPTION	EIS #	LIST PRICE
8 CHANNEL INPUT MODULE	JENTEMP08	\$5,100.00



## MEDIUM DUTY COIL WINDERS

Pulling Power - High torque is delivered by the power train drive modules that supply torque on demand.

Coil Weight Capacity - Loads up to 1,000 Lbs. when used with ACE Model 65 Tailstock. Loads up to 500 Lbs. at FacePlate without tailstock.

Output Shaft - 1-3/8" Dia. shaft is tapped to accept 5/8"-11 Bolt.

Braking - Full motor torque hold braking at zero speed. Dynamic braking produces accurate positive stopping.

Models 3-VAS & 3-VPAS - 3 H.P., 230/460/3/60

Models 3-HVAS & 3-HVPAS - 5 H.P., 230/460/3/60



3-VAS with optional Touchscreen Controller

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WEIGHT		DIMENSIONS	MODEL	EIS #	LIST PRICE
NET	GROSS				
400	475	25"W X 40"L X 50"H	3-VAS & 3-PAS	ACE3VAS	RFQ
425	500	25"W X 40"L X 50"H	3-HVAS & 3-HPAS	ACE3HVAS	RFQ

## HEAVY DUTY COIL WINDERS

Automatic Stop - Bi-Directional single level preset counter counts from 1 to 999,999 turn counts

Speed Control - Speed can be controlled either by the foot pedal or a panel-mounted potentiometer on the front of the machine

Instant Reversing Feature - The Vector Drive Controller has programmed acceleration and deceleration rates. The time to go from forward to reverse is only .2 seconds

Pulling Power - High torque is delivered by the power train drive modules that supply torque on demand

Braking - Full motor torque hold braking at zero speed. Dynamic braking produces accurate positive stopping

An optional Touchscreen controller is available for optimum performance and ease of use. Item VSSH Brake Spring Set Holding Spring. Engages when power is lost to the winder



Model HD shown with optional Touchscreen Controller

**ace**

WEIGHT		DIMENSIONS	MODEL	EIS #	LIST PRICE
NET	GROSS				
1,000	1,100	24"W x 48"L x 47"H	HD-3	ACEHD-03	RFQ
1,200	1,300	24"W x 48"L x 47"H	HD-5	ACEHD-05	RFQ
2,300	2,500	24"W x 48"L x 50"H	HD-10	ACEHD-10	RFQ
2,720	2,900	24"W x 48"L x 60"H	HD-20	ACEHD-20	RFQ

# WINDING MACHINES

- PC driven not a microprocessor
- Capability of having virtually unlimited memory for storage of coil data (over 50,000 jobs versus the competition's 500 job capacity)
- The WM 4100, 4500, and 5000IT are field proven
- Computerized coil winder for both AC and DC coils
- Uses direct drive servo motors for the wire guide and arbor distance
- Reduce labor costs



## WM4100 Coil lengths up to 41", Pull 20+ wires in hand



### Technical Data

- Motor power-nominal 3 KW
- Motor power max load 5 KW
- Torque nominal 200 NM (up to 130 RPM)
- Torque max load 350 NM (up to 130 RPM)
- Connection voltage 230 V, 50/60 Hz
- Connection power 7 KVA
- Winding speed 25-300 RPM infinitely variable

### Working Range

For IEC frame sizes - 56-315

### Coil Dimensions

- Coil Diameter: 2"-41.75"
- Coil Circumference: 6.3"-130"
- Layer Width: 15.75" max
- Coil Lengths: up to 41"

### Dimensions

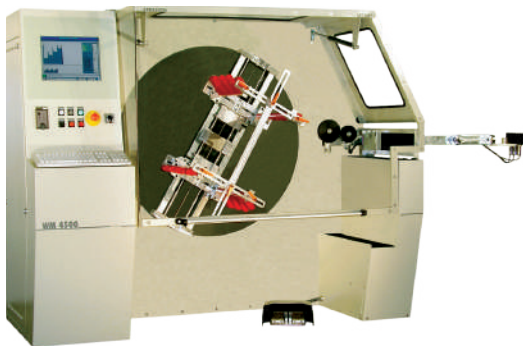
84"L x 67"H x 47"W

### Weight

1600 lbs

EIS #	LIST PRICE
WM4100	RFQ

## WM4500 Coil lengths up to 50", Pull 30+ wires in hand



### WM 4500-PC Technical Data

- Motor power-nominal 3.0 KW
- Motor power max. load 5.0 KW
- Torque nominal 350 NM (up to 75 RPM)
- Torque max. load 610 NM (up to 75 RPM)
- Connection voltage 400 V, N, PE, 50 Hz
- Connection power 7 KVA
- Winding speed 10-200 RPM infinitely variable

### Working Range

For IEC frame sizes - 56-355

### Coil Dimensions

- Coil Diameter: 2"-50"
- Coil Circumference: 6"-155.5"
- Layer Width: 15.75" max
- Coil Lengths: up to 50"

### Dimensions

84"L x 67"H x 47"W

### Weight

1800 lbs

EIS #	LIST PRICE
WM4500	\$73,025.00

## WM5000IT Coil lengths up to 57", Pull 50+ wires in hand



### WM 5000IT Technical Data

- Motor power-nominal 4.0 KW
- Motor power max load 7.0 KW
- Torque nominal 500 Nm (up to 65 RPM)
- Torque max load 1000 Nm (up to 65 RPM)
- Connection voltage 400 V, N, PE, 50 Hz
- Connection power 9 KVA
- Winding speed 5-100 RPM infinitely variable

### Working Range

For IEC frame sizes - 56-400

### Coil Dimensions

- Coil Diameter: 2"-57"
- Coil Circumference: 6.3"-177"
- Layer Width: 15.75" max
- Coil Lengths: up to 57"

### Dimensions

95"L x 91"H x 42"W

### Weight

2,200 lbs

EIS #	LIST PRICE
WM5000IT	RFQ

# Nanoshield

## Corona Resistant Magnet Wire

A Product by Rea using Nano Technology

**Exceptional resistance to voltage stresses**

**Substantial insulation protection against transient spikes**

**Enhanced resistance to thermoplastic flow**

**Enhanced Dielectric strength**

**Exceptional flexibility without embrittlement**

**Excellent resistance to heat and solvent shock conditions**

**ROHS & REACH Certified**



Since 1933, we have remained committed to setting the standard for product quality and expertise in the wire manufacturing industry. With cutting-edge technology, innovation processes, and manufacturing facilities across North America, we are redefining the wire industry and delivering the best possible product

## DC HEAD ACCESSORY

DC head - The most rugged, best designed, easiest to use adjustable coil head made for DC coil winding

- Includes: former, setup accessories, and storage block
- 2 larger sizes now available

Diamond, Concentric and Round Nose AC winding heads are also available



scheiing

EIS #	LIST PRICE
WMDC2	\$15,490.00

## WIRE RACK SCALE SYSTEM

### Calculate how much wire you have!

The meter mounted to the Model ESS-41 and ESS-42 can be zeroed out and used to weigh one pail of wire or 40. The capacity of the ESS Scale System is up to 5,000 pounds.



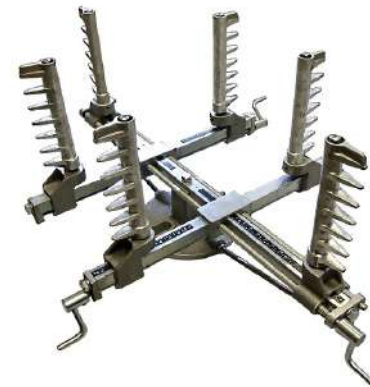
ace

DIMENSIONS	EIS #	LIST PRICE
4' W X 5' L X 3" H	ACE41	RFQ
5' W X 6' L X 3" H	ACE42	RFQ

## 3-PHASE GROUP WINDING HEADS

**Model 2103** - design for 3-phase motors from 1/4 - 75 H.P. Mounts easily on Crown coil winding drives or any turning device with 13 1/2" swing.

**Model 2106** - design for three phase motors from fractional HP to over 300 HP. Mounts easily on Crown coil winding drives or any turning device with an 18".



EIS #	LIST PRICE
CROWN2103	\$2,035.00
CROWN2106	\$2,475.00

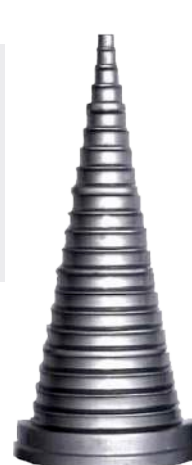
## S&W CONCENTRIC HEADS

**SW660** - Wind Motors from 1/10 HP - 30 HP. Large Round Nosed Head. 20 steps.

**SW675** - Wind Motors from 1/10 HP - 300 HP. Large Round Nosed Head. 20 steps.

**SW680** - Wind Motors from 2 HP - 500 HP. Large Round Nosed Head. 12 steps.

EIS #	WEIGHT	LIST PRICE
S/W660	35 LBS	\$1,475.00
S/W675	52 LBS	\$2,146.00
S/W680	80 LBS	\$2,448.00



SW660



SW675



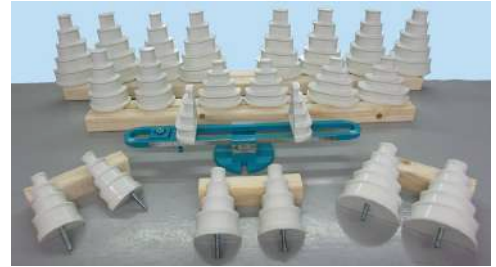
SW680



# CONCENTRIC WINDING HEADS

Eleven Sets of Heads #1 through #11 - ADJUSTMENT NEEDED FOR LENGTH ONLY!

The winding forms mount on our 19" (48.3 cm) or 25" (63.5 cm) holders with an instant coil release that moves one winding form 2" (50.8 mm) closer to the other, and are marked in inches for rapid adjustment.



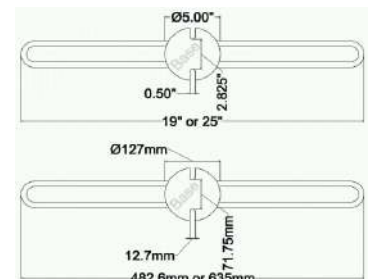
EIS #	DESCRIPTION	LIST PRICE
LA-101	#1 4-STEP ROUND TOP (7/8" - 2 9/16")	\$154.00
LA-102	#2 4-STEP ROUND TOP (1 1/16" - 2 3/4")	\$154.00
LA-103	#3 5-STEP ROUND TOP (1 5/16" - 4")	\$167.00
LA-104	#4 4-STEP ROUND TOP (1 5/16" - 3 7/16")	\$154.00
LA-105	#5 5-STEP ROUND TOP (1 9/16" - 4 1/2")	\$176.00
LA-106	#6 5-STEP FLAT TOP (1 1/8" - 4 5/8")	\$176.00
LA-107	#7 5-STEP FLAT TOP (1 1/2" - 4 15/16")	\$176.00
LA-108	#8 5-STEP FLAT TOP (1 1/2" - 5 3/16")	\$176.00
LA-109	#9 4-STEP FLAT TOP (1 5/16" - 4 11/16")	\$154.00
LA-110	#10 4-STEP FLAT TOP (1 1/16" - 4")	\$154.00
LA-111	#11 4-STEP FLAT TOP (1 1/16" - 3 1/4")	\$154.00
LA-114	#14 7-STEP ROUND TOP (1 5/16" - 5 1/8")	\$275.00
LA-115	#15 8-STEP FLAT TOP (2 11/16" - 7 11/16") *AVAILABLE UNTIL INVENTORY DEPLETED*	\$315.00
LA-115-HR	#15 HIGH RIB 8-STEP FLAT TOP (2" - 7 11/16")	\$330.00
LA-100	SET OF #1 - #11 CONCENTRIC WINDING HEADS.	\$1,657.00
LA-100-HR-19	SET OF #1 - #11 CONCENTRIC WINDING HEADS, STANDARD 19" LONG HOLDER & INSTANT COIL RELEASE.	\$2,272.00
LA-100-HR-25	SET OF #1 - #11 CONCENTRIC WINDING HEADS, SPECIAL 25" LONG HOLDER & INSTANT COIL RELEASE.	\$2,294.00

# LAYCOCK HOLDERS

- No sheet metal parts! - Machined from steel bar stock
- Eliminates the use of wrenches
- No stops to set
- Returns head to exact position every time!
- Fits 19" (48.3 cm) and 25" (63.5 cm) Laycock holders



EIS #	DESCRIPTION	LIST PRICE
LA-H-19	19" (48.3 CM) LAYCOCK HOLDER	\$479.00
LAYCOCKLAHR19	19" (48.3 CM) LAYCOCK HOLDER & INSTANT COIL RELEASE	\$787.00
LA-H-25	25" (63.5 CM) LAYCOCK HOLDER	\$501.00
LAYCOCKLAHR25	25" (63.5 CM) LAYCOCK HOLDER & INSTANT COIL RELEASE	\$807.00
LA-R	LAYCOCK INSTANT COIL RELEASE	\$396.00
LA-QR-4	LAYCOCK HOLDER, BLOCK ONLY (USABLE FOR BOTH 19" & 25")	\$94.00



## S&W LAP CONTINUITY HEADS

Will wind three phase motors from 1/2 HP to 500 HP. Eliminate jumper connections saving 10% copper. Cut winding time by 40% and requires less tubing, tape and solder.



EIS #	DESCRIPTION	LIST PRICE
SW-500-00	LAP CONTINUITY HEAD 16 SLOTS - 1.5 IN. (38.1 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$715.00
SW-500-0	LAP CONTINUITY HEAD 16 SLOTS - 2 IN. (50.8 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$726.00
SW-501	LAP CONTINUITY HEAD 16 SLOTS - 2.25 IN. (63.5 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$770.00
SW-502	LAP CONTINUITY HEAD 16 SLOTS - 3 IN. (76.2 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$853.00
SW-503	LAP CONTINUITY HEAD 16 SLOTS - 3.5 IN. (88.9 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$880.00
SW-504	LAP CONTINUITY HEAD 16 SLOTS - 4.0 IN. (101.6 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$1,155.00
SW-505	LAP CONTINUITY HEAD 16 SLOTS - 5.0 IN. (127 MM) HEAD WIDTH - OAL 15.5 IN. (393.7 MM)	\$1,238.00
SW-506	LAP CONTINUITY HEAD 24 SLOTS - 6.5 IN. (165.1 MM) HEAD WIDTH - OAL 22 IN. (558.8 MM)	\$1,733.00
SW-507	LAP CONTINUITY HEAD 24 SLOTS - 8 IN. (203.2 MM) HEAD WIDTH - OAL 22 IN. (558.8 MM)	\$2,228.00
SW-508	LAP CONTINUITY HEAD 24 SLOTS - 9.75 IN. (247.7 MM) HEAD WIDTH - OAL 22 IN. (558.8 MM)	\$2,926.00
SW-550-1-5	(1-5) LAP CONTINUITY HEADS	\$4,406.00
SW-599	ALL 10 SIZES (00-8) LAP CONTINUITY HEADS ON A PALLET IN A BOX.	\$11,880.00



## S&W HEAVY DUTY HOLDERS

- No sheet metal parts! - Machined from steel bar stock
- Eliminates the use of wrenches
- No stops to set
- Returns head to exact position every time!
- Fits 19" (48.3 cm) and 25" (63.5 cm) Laycock holders



EIS #	DESCRIPTION	LIST PRICE
S/W520Q	QUICK RELEASE FOR ALL S/W HOLDERS	\$853.00
S/W509H	LARGE HOLDER FOR ALL S/W HEADS 23.75" OVERALL LENGTH	\$1,662.00
S/W525Q	LARGE HOLDER AND QUICK RELEASE FOR ALL S/W HEADS.	\$2,475.00
SW-526-Q-1-5	LARGE HOLDER FOR ALL S/W HEADS 23.75" OVERALL LENGTH WITH HEADS 1-5 AND QUICK RELEASE.	\$5,809.00
S/W570H	EXTRA - LARGE HOLDER FOR ALL S/W HEADS 40" OVERALL LENGTH	\$2,145.00
SW-575-Q	EXTRA - LARGE HOLDER FOR ALL S/W HEADS AND QUICK RELEASE	\$2,926.00
S/W527Q-1-5	EXTRA - LARGE HOLDER FOR ALL S/W HEADS 40" OVERALL LENGTH WITH HEADS 1-5 AND QUICK RELEASE	\$5,809.00
SW-550-1-5	S&W 1-5 HEADS	\$4,406.00





## AEMC CLAMP-ON METER MODEL 512

- General purpose professional instrument that measures up to the toughest standards
- Rugged mechanical case and is designed using quality polycarbonate materials
- Compliance with international safety and quality standards
- Auto-ranging and provides the best measurement range and resolution for troubleshooting
- High resolution 40A range
- Measures AC current, AC and DC voltage, resistance, continuity with beeper, and frequency from V or A
- Features a diode test function



DESCRIPTION	EIS #	LIST PRICE
CLAMP-ON METER MODEL 500 (AC, 400AAC, 600VAC, OHMS, CONTINUITY)	AEMC211768	\$189.00

## AEMC CLAMP-ON METER 607 SERIES

- 1000V CAT IV Rated
- UL 94 flame retardant self-extinguishing
- IP54 Rated
- Measures up to 1000VAC (1400V peak), 1000VDC and AC+DC with resolution to 10mV
- Measures up to 2000AAC and 3000ADC
- Measures single- and three-phase power real, reactive and apparent) up to 3MW with resolution to 1W
- Measures frequency to 20kHz with 0.1Hz resolution
- Auto selects AC or DC measurement voltage
- Records up to 1000 measurements
- Wireless Bluetooth communications
- Jaw opening up to 2.36"
- Leads are constructed with a flexible silicone material



DESCRIPTION	EIS #	LIST PRICE
POWER CLAMP-ON METER MODEL 607	AEMC213961	RFQ

## 10A 6240 & 6250 MICRO-OHMMETER

- Selectable test current and resistance ranges
- 0.1mΩ resolution
- Simple one button "press-to-start" operation
- Software temperature correction for accurate measurements
- Automatically takes multiple measurements by simply moving the test probes from point to point
- Stores test results internally
- Large easy-to-read backlit electroluminescent display
- Data storage, analysis and report generation through DataView® software included
- 6250 has manual/auto temperature compensation



EIS #	LIST PRICE
AEMC6240	\$3,050.00

## 10KV 6550 MEGOHMMETER

- Wide measurement range from 10kΩ to 30TΩ
- Fixed or programmable test voltage from 40V to 10kV
- 5 mA short circuit current
- Large backlit LCD screen with digital display, bargraph and R(t)+u(t), i(t) and i(u) graphs
- Automatic calculation of DAR / PI / DD / ΔR (ppm/V) ratios
- Multiple test modes: voltage ramp "burning", "early break" and "I-limit" modes
- 3 filters settings to optimize measurement stability
- Calculation of Resistance at a reference temperature
- Storage of 80,000 measurements and real-time clock
- Optically-isolated USB communication for transfer onto PC and report generation



EIS #	LIST PRICE
AEMC6550	\$5,295.00

## MA2-MOTORANALYZER 2

All-purpose electrical test providing a surge test to 3kV and a DC HiPot test to 6kV, Resistance, Inductance and 11 other tests. It is battery powered.

- Surge voltage up to 3000V with 0,45 joule
- High-voltage DC up to 6000V
- LCR measuring bridge
- Battery operation
- Automatic switchover



**SCHLEICH** 

**MDS**  
MOTOR DIAGNOSTIC SYSTEMS

EIS #

LIST PRICE

MDS-403168

RFQ

## SERVO / ENCODER ANALYZER

Encoder Analyzer desktop device with up to four measuring connections in the tester's front.

- Encoder analysis with minimal training!
- Checks all signal pulses per revolution
- Determines the pulse quantity per revolution
- Checks all 90°-phase shiftings between the signals per revolution
- Automatic check of all signal voltages per revolution
- Angle fault test per revolution
- Evaluation of the three commutator signals
- Sense of rotation and rotation speed of the encoder
- Angle adjustment of rotary encoders



**SCHLEICH** 

**MDS**  
MOTOR DIAGNOSTIC SYSTEMS

DESCRIPTION

MFG MATERIAL NUMBER

EIS #

LIST PRICE

EncoderAnalyzer desktop device with 6 x measuring channel

403200

MDSEA403200

RFQ

Desktop device extension to 12 x measuring channels

403210

MDSEA403210

RFQ

Desktop device extension to 3 x 700 V measuring channels

403212

MDSEA403212

RFQ

## MTC2 SERIES

The MTC2-Class instruments test windings in generators, three-phase stators, one-phase stators, transformers, armatures and motors. It provides surge, DC step voltage and HiPot, PI, resistance and partial discharge.

EIS #

LIST PRICE

MDS-MTC2-6KV-STD

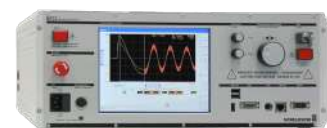
RFQ

MDS-MTC2-12KV-STD

RFQ

MDS-MTC2-15KV-STD

RFQ



**SCHLEICH** 

**MDS**  
MOTOR DIAGNOSTIC SYSTEMS

These units have PI Test Capability

## COMBINATION HIPOT/MEGOHMMETER

- Integral megohmmeter measures insulation resistance up to 1,000,000 MOhms @ 5 KV, 2,000,000 MOhms @ 10 KV, and 3,000,000 MOhms @ 15 KV
- Output voltage is continuously variable to 15 KVDC
- Illuminated push button guard mode selection bypasses stray or unwanted leakage current
- Zero start, safety interlock
- Adjustable overcurrent trip point
- Large easy-to-read analog meters
- Fully regulated output voltage
- Internal short circuit protection
- Integrated cable storage bin
- Light weight, rugged design
- Off zero and overcurrent trip buzzer



DESCRIPTION	EIS #	LIST PRICE
DC TESTING CAPABILITY 15 KV DC	PHENIXPM15-2	\$4,700.00

## PORTABLE DC HIPOT

### Testing Applications

- New, smaller and lighter
- 0-75 KVDC up to 20 MA
- 19" W, 10 1/2" D, 20 1/2" H
- Weight: 59 lbs



AC INPUT				DC OUTPUT	EIS #	LIST PRICE
VOLTAGE	CURRENT	VOLTAGE	CURRENT			
110-120V	10 A	220-240V	5 A	0-75 kV, 20 mA	PHENIX475-20	\$7,500.00

## CORE LOSS TESTERS

- Produces a hard copy printout
- Tests incoming and outgoing motors
- Price includes computer & printer
- Predicts a motor's reliability before and after repair
- Rotor clamps available for all models

HP	EIS #	LIST PRICE
500HP	PHENIXCL10A	\$19,000.00
1,250HP	PHENIXCL25A	\$20,500.00
2,500HP	PHENIXCL60A	\$28,000.00
5,000HP	PHENIXCL125A	\$38,800.00
12,000HP	PHENIXCL300A	\$92,800.00
20,000HP	PHENIXCL500A	\$125,100.00



## SMALL MOTOR TEST SET AC/DC

The MTS100 is a combination AC/DC Motor Test Set specifically designed to provide economical testing capability for the smaller repair shop or for the small motor department of the larger shop.



EIS #	LIST PRICE
MTS100	RFQ

## TEST CENTER

- AC/DC Motor test systems for fractional to 25,000 HP
- Continuously variable voltage at full power ratings
- State of the art operator interface and Windows software
- Robust column type voltage regulator with roller brushes for long life
- Optional physical measurement capability for temperature, vibration and RPM
- Standard 18 month warranty
- Test panels available from 50 - 2,500 KVA

**Call your EIS Sales Rep for a quote!**



## HIPOT INSULATION TESTERS

MODELS 2109 AND 2119

These HI-POT Insulation Testing units feature a built-in safety switch that immediately stops current flow in the event of a breakdown. In the event of a breakdown the indicator lamp will dim and a buzzer also signals a breakdown. Thus the operator can concentrate his attention on his work and not on the HI-POT tester. Power will not resume to the prods until the manual reset push button switch is activated.

HI-POT Insulation Tester Model 2119 features a built-in output voltage meter that displays the selector switch voltages.



2109/2129



EIS #	DESCRIPTION	LIST PRICE
CROWN2109	115V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION WITH BUZZER, AUTOMATIC BREAKDOWN CIRCUIT, AND MANUAL RESET FEATURE.	\$1,832.00
CROWN2119	115V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION WITH BUZZER, AUTOMATIC BREAKDOWN CIRCUIT , AND MANUAL RESET FEATURE, ALSO FEATURES A VOLTAGE INDICATION METER.	\$1,986.00
CROWN2129	230V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION WITH BUZZER, AUTOMATIC BREAKDOWN CIRCUIT, AND MANUAL RESET FEATURE.	\$1,832.00
CROWN2139	230V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION WITH BUZZER, AUTOMATIC BREAKDOWN CIRCUIT, AND MANUAL RESET FEATURE, ALSO FEATURES A VOLTAGE INDICATION METER.	\$1,986.00
CROWN2110	115V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION, NO AUTOMATIC BREAKDOWN FEATURE.	\$1,771.00
CROWN2120	115V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION, NO AUTOMATIC BREAKDOWN FEATURE, INCLUDES A VOLTAGE INDICATION METER.	\$1,832.00
CROWN2130	230V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION, NO AUTOMATIC BREAKDOWN FEATURE.	\$1,777.00
CROWN2140	230V, 50-60 HERTZ, 7 POSITION VOLTAGE SELECTION, NO AUTOMATIC BREAKDOWN FEATURE, INCLUDES A VOLTAGE INDICATION METER.	\$1,843.00
2160	REPLACEMENT PROD AND LEAD ASSEMBLY SET FOR ALL UNITS.	\$427.00

## DYNAMIC MOTOR ANALYZE EXP4000

- Designed for rigorous use by maintenance personnel in the field
- Effective troubleshooting tool
- Powerful predictive maintenance tool
- Tracks multiple data types to identify trends



**Megger**  
Baker Instruments

A powerful, portable motor and machine system monitoring instrument for troubleshooting and PdM

DESCRIPTION		MFG CATALOG NO.	EIS #	LIST PRICE
EXP4000 On-line Motor Monitor with laptop, including 1 set of Current Transformers (40/400AMP), CE Compliant, 120/220VAC line power, compatible with EP2 and EP1000		EXP4000	BAKER99EXP4000	\$19,665.00
EXP4000 SOFTWARE OPTIONS				
CM4000	Continuous Monitoring Software for EXP	DC4000	DC Analysis Software for EXP Requires Addition of Probe & CT (84-EXP3000-VDC & 84-CT60-DC)	
DT4000	Individual Desktop Software for EXP	DC CT		
Upgrade	Explorer 4000 Software Upgrade	DC Probe		
Site License	Explorer Software Site License	V4000	Vibration Option for EXP Requires Addition of Probe (84-EXP3000VP)	
TM4000	Torque Monitoring Software for EXP	Vibration Probe		
VFD4000	VFD Analysis Software for EXP			

## BAKER DX STATIC MOTOR ANALYZER

In an industrial setting, the consequential cost of failure or unplanned downtime of critical rotating machinery can be significant. The Baker DX series can apply a wide set of off-line electrical tests to assess the condition of motors and coils.

- Comprehensive range of tests in one instrument
- Configurable to meet needs and price point
- 4 kV to 12 kV for wide spectrum of motors and coils
- Compatible with the Baker PPX Power Packs for testing up to 40 kV
- High and low voltage tests to characterize circuits and insulation
- Coil mode for rapid testing and data storage

**Megger**  
Baker Instruments



EIS #	LIST PRICE
BAKER99DX15RDSA3	\$44,250.00

## ZTX LOW-IMPEDANCE COIL TEST ACCESSORY

The Baker ZTX is designed with a proprietary impedance transformer that enables 6 kV, 12 kV and some 15 kV Baker static motor analyzers to accurately detect DC motor problems, including:

- Weak or damaged winding insulation
- Turn-to-turn (winding) shorts/opens
- Coil imbalances
- Connection problems
- Commutator bar insulation problems

**Megger**  
Baker Instruments



EIS #	LIST PRICE
BAKERZTX	\$1,250.00

## BAKER ATF 5000 DC ARMATURE TEST ACCESSORY

- Bar-to-Bar surge test
- Kelvin winding resistance probes
- Push to test buttons

**Megger**  
Baker Instruments



EIS #	LIST PRICE
BAKERATF500	RFQ

IN  BOOTH #926

# Megger<sup>®</sup>

Baker Instruments

The Baker Instruments family of electric motor analyzers provides a comprehensive suite of tests revealing the health of your motors and generators. These testers are valuable in industrial settings for predictive maintenance, and in motor repair/rewind shops for troubleshooting and quality assurance.



PPX Power Pack

AWA Static Motor Analyzer

DX Static Motor Analyzer

EXP4000 Dynamic Motor Analyzer

## MTR105 ROTATING MACHINE TESTER

The MTR105 is a dedicated Static Motor Tester with Megger's tried and trusted suite of insulation resistance tests (IR), plus all the great traditional features and reliability of Megger's testers.

- Full colour graphic display
- 3 Phase insulation resistance
- Temperature correction for insulation resistance
- Guard terminal
- DLRO four wire Kelvin
- Continuity and diode test
- Motor direction of rotation
- Capacitance and inductance
- CAT III 600 V up to 3000 m
- Environmental protection to IP54

EIS #	LIST PRICE
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MTR105	RFQ
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**Megger**



## MIT400-2 INSULATION TESTERS

The MIT400-2 series insulation and continuity testers are designed not just for Electrical and Industrial, but with an exceptionally wide range of applications from electrical installations, cable testing, motor testing, automotive, ESD, panel building, avionics, maintenance etc.

- Insulation testing up to 1000 V and 200 GΩ range
- Stabilised insulation test voltage (New)
- Single range, faster continuity testing from 0.01 Ω to 1 MΩ (New)
- 600 V Trms AC and DC voltage measurement
- Live circuit detection and protection
- User variable insulation test voltage from 100V to 1000V (New) depending on model
- Test result storage and Bluetooth® downloading depending on model
- Rechargeable options for mains and car charging (New) depending on model
- CAT IV 600 V & IP54

EIS #	LIST PRICE
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MIT400/2	RFQ
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**Megger**



## ADVANCED WINDING ANALYZER IV

Range includes 2 kV, 4 kV, 6 kV and 12 kV models.

- Testing capabilities include: surge, winding resistance, Megohm, PI, DA, continuous ramp DC step-voltage, and DC hipot tests
- 12 kV HO (high-output) version for performing surge tests on large motors and generators
- Compatible with Baker PPX Power Packs to extend insulation testing voltage range (6 kV, 12 kV and 12 kV HO versions only)
- IEEE- and IEC-compliant surge test
- Surge waveform comparison by the patented Pulse to Pulse Error Area Ratio (PP-EAR) technique
- Incorporates advanced inter-turn assessment capabilities in a field portable instrument
- Microsoft Windows 10 Embedded operating system
- USB port for data transfer and printing with Windows 10 plug-and-play printers

EIS #	LIST PRICE
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BAKERAWAIV-2.2KV	\$22,945.00
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BAKERAWAIV-4KV	\$26,770.00
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BAKERAWAIV-6KV	\$36,060.00
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BAKERAWAIV-12KV	\$45,345.00
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**Megger**  
Baker Instruments



# DLRO10HD LOW RESISTANCE TESTER

The DLRO10HD combines ultimate simplicity of operation with a rugged IP65 case designed for stable ground and bench operation. It is powered from either its rechargeable battery or line power, making it suitable for continuous testing in production line/repetitive use environments. Rotary switch controls are simple and easy to operate in all weather conditions and with gloved hands. A large, clear backlit LCD is easy to read from a distance. The DLRO10HD is capable of delivering 10 A into measurements up to 2500.0  $\mu\Omega$  and 1 A into measurements up to 25.000 m $\Omega$ . The duration of each test may be up to 60 seconds.

Also available is the DLRO10HDX which measures low resistance values in applications ranging from railways and aircraft to resistance of components in industry. Measurements on electric motors and generators will be inductive and require the user to understand the inductive mode and charging process before a correct result is achieved. The DLRO10HDX is well suited to measuring thick conductors, bonds and quality of welding because of its 10 A range for resistance values up to 250 m $\Omega$ .

- Motors and Generators
  - Coil resistance – using inductive mode
  - Coil and turn-to-turn shorts
  - Bar-to-bar tests
  - Coil balance – cold to full load current comparison.



EIS #	LIST PRICE
DLRO10HD	RFQ

# WELDING, BRAZING, & SOLDERING MACHINE

- Instant 6,600° F flame
- Uses distilled water as a fuel source
- Adapts to all metals
- Service led: when it is service time the machine gives you a warning
- Automatic condensation discharge with electrovalve
- New software and electronics constantly checking the activity and performance of the unit:
  - Four different water levels
  - Working hours
  - Work load
- All components are more robust
- Cooling system: large stainless steel heat exchanger
- Cooling EBM fan



OWELDM20000  
OWELDM30000



OWELDM10000



No more gas cylinders for brazing!

DESCRIPTION	EIS #	LIST PRICE
10,000 max Watts	OWELDM10000	\$24,995.00
20,000 max Watts	OWELDM20000	\$37,995.00
30,000 max Watts	OWELDM30000	\$48,995.00



## INDUSTRIAL SOLDERING GUN

- Dual-heat wattage gun produces 300 or 200 Watts
- Pistol grip design, ready to use in 6 seconds
- Fingertip trigger selects high (1st trigger position) or low output (2nd trigger position)
- Soldering, cutting, and smoothing tips available
- Heavy gauge, high efficiency, tin-plated copper tip
- Twin lights illuminate work
- 2-wire cord
- UL and cUL listed



Weller®

EIS #	LIST PRICE
D550PK	RFQ

## 6966C HEAT GUN

- 3 Wire grounded plug, 6' power cord
- 3-way switch: Hi-Off-Cool
- Heavy duty heater and fan components for long service life
- Light weight for reduced operator fatigue
- Perfect for shrink tubing and vinyl/T.F.E., epoxy curing , drying, and cooling



Weller®

EIS #	LIST PRICE
6966C-WEL	RFQ

## DIGITAL SOLDERING STATION

The Weller 70W WE digital soldering station is 40% more powerful than the WES / WESD station. This allows the iron to heat up faster and to provide a faster recovery time – gets the job done quicker with more efficiency and precision. It is password-protected to preserve settings and has an automatic set-back to save energy and preserve tips.



Weller®

TEMPERATURE SETTING RANGE	TEMPERATURE ACCURACY	TEMPERATURE STABILITY	POWER COMSUMPTION	VOLTAGE RATING	TIP INCLUDED	TIP SERIES
200° F - 850° F	17° F	4° F	70 W	120 V	ETA	ET

EIS #	LIST PRICE
WE1010NA-WEL	RFQ

# HYDRAULIC PULLER

The PH-50T puller set includes the necessary components to tackle those large pulling jobs. The hydraulic lift cart makes moving, storing and using the 50-ton puller easy and convenient. The hydraulic lift easily raises the puller from 19 in. (482 mm) to a height of 44 in. (1117 mm). The mounting platform allows the puller to swivel a full 360 degrees. This set includes both standard and long jaws to tackle any pulling job.

**Features:**

- Patented Safety Cage design holds the pulling jaws securely in place preventing the jaws from snapping back or slipping off the work surface
- Remote Jog Switch on electric pump with 10-foot cord (3.05m)
- Convenient Storage for jaws
- Floor Lock securely stabilizes cart
- Large Wheels allow easy movement of cart to place puller into position
- Ram point Storage
- Front Swivel Castors locking feature for ease of mobility
- Lifting Eyes permit use of an overhead crane to raise entire assembly
- Pin locks puller in place allowing puller to be used 90 degrees to right or left of centerline
- Patented Safety Cage design holds the pulling jaws securely in place preventing the jaws from snapping back or slipping off the work surface

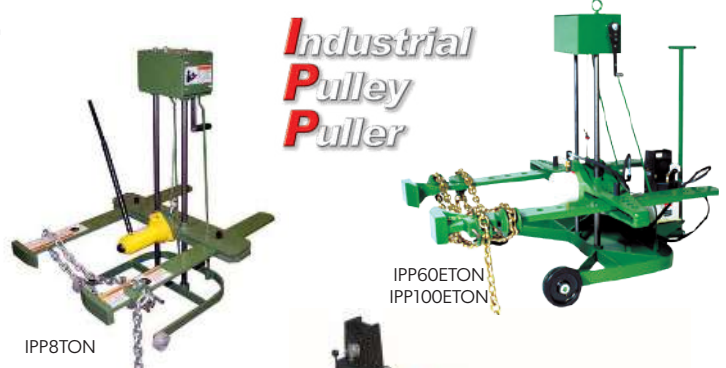


EIS #	CAPACITY TONS (KN)	NUMBER OF JAWS	REACH IN. (MM)	SPREAD IN. (MM)	REACH IN. (MM)	SPREAD IN. (MM)	LIST PRICE
PH-50T	50 tons (445 kN)	3	14 in. (356 mm)	3 to 25 in. (76 to 635 mm)	26 in. (660 mm)	2 to 38 in. (51 to 965 mm)	RFQ

# PULLEY PULLERS

- Designed specifically to be used in motor repair shops
- Hydraulic pulley puller is available in four capacities ranging from 8 tons to 100 tons
- The IPP portable hydraulic puller is designed to be utilized by one person
- Known for high quality, durability, and ease of use

DESCRIPTION	EIS #	LIST PRICE
8 TON MANUAL	IPP8TON	RFQ
20 TON MANUAL	IPP20HTON	RFQ
20 TON ELECTRIC	IPP20ETON	RFQ
60 TON MANUAL	IPP60HTON	RFQ
60 TON ELECTRIC	IPP60ETON	RFQ
100 TON ELECTRIC	IPP100ETON	RFQ
100 TON ELECTRIC LOW PROFILE	IPP100ETON-LPE	RFQ



**Also available:**

- Low profile
- All welded four side fork truck platform





# INTRODUCING THE NEW EIS-INC.COM

## EIS HAS LAUNCHED AN ALL NEW WEBSITE!

We've heard your feedback and we are excited to have launched our new platform developed specifically to serve your needs.

### NEW SITE FEATURES



#### PICKUP OR DELIVERY OPTION

Choose to pick up your order at your local EIS branch or have your order shipped and delivered directly to you.



#### NEW CUSTOMER PORTAL

Set up and maintain your company users, edit addresses, manage buyer requests for purchases, and more all within our new platform.



#### INVENTORY VISIBILITY

See up-to-date inventory at your local warehouse and company-wide.



#### REQUEST FOR QUOTATION

Browse our website and build a shopping cart to submit for a quote with the EIS sales team. Receive your quote and approve directly on our website.



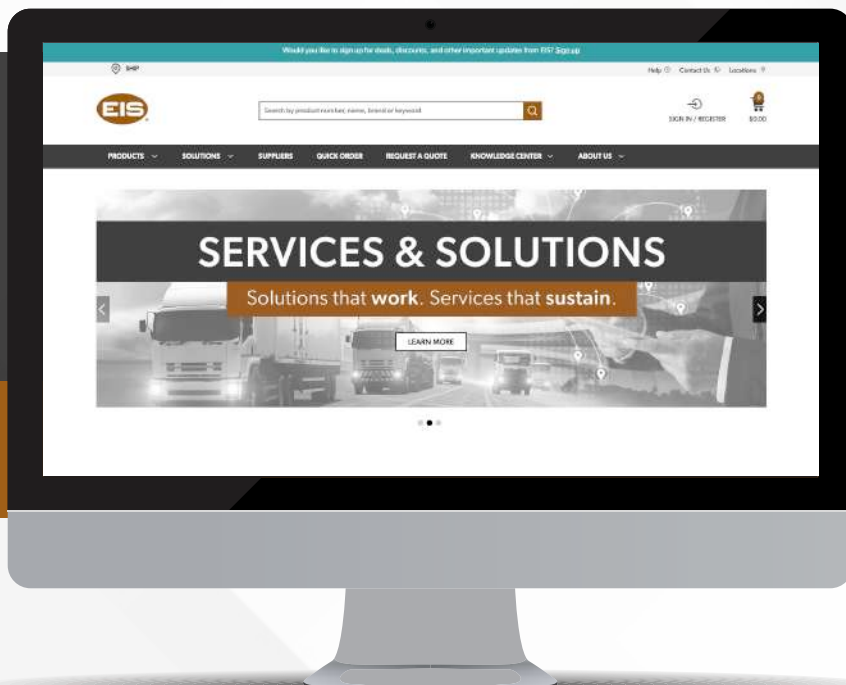
#### CONTACT OUR SALES TEAM

Communicate directly with your sales representative through our new chat tool.



#### AND MORE NEW CONTENT!

Check back often for new products, promotions, articles, and more!



## PLUS AN ALL NEW LOOK & FEEL!

CHECK OUT THE ALL NEW ONLINE  
EXPERIENCE ON EIS-INC.COM!

# FOOT SQUARING SHEARS

FOOT-SQUARING SHEARS	MODEL 36	MODEL 52
MAXIMUM SHEARING CAPACITY, MILD STEEL	16 GAUGE/1.6 MM	16 GAUGE/1.6 MM
MAXIMUM SHEARING CAPACITY, STAINLESS STEEL	20 GAUGE/1.0 MM	20 GAUGE/1.0 MM
MAXIMUM CUTTING LENGTH	37" /940 MM	52-1/4" /1327 MM
BACK GAUGE RANGE	30" /762 MM	30 IN./762 MM
FRONT GAUGE RANGE	37" /940 MM	37" /940 MM
FLOOR SPACE, GAUGES IN POSITION	45" X 80" 1143 X 2032 MM	60" X 80" 1524 X 2032 MM
DIMENSIONS, LESS GAUGES, LXWXH	46-1/2" X 27" X 42" 1181 X 686 X1067 MM	61" X 36" X 42" 1550 X 915 X1067 MM

DESCRIPTION	EIS #	LIST PRICE
FOOT SQUARING SHEAR MODEL 36	TENN36	RFQ
AIR POWERED SQUARING SHEAR MODEL 36A	TENN36A	RFQ
FOOT SQUARING SHEAR MODEL 52	TENN52	RFQ
AIR POWERED SQUARING SHEAR MODEL 52A	TENN52A	RFQ
HYDRAULIC SQUARING SHEAR 440V, 52H	TENN52H	RFQ



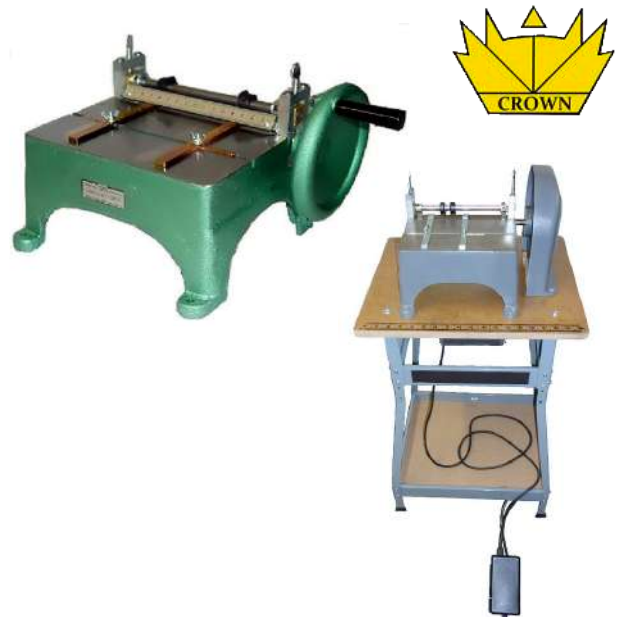
# INSULATION FORMER

## 2301

The 2301 insulation former will form slot insulation quickly and neatly, plain or cuffed, up to 8" wide with any length. It insures uniform slot liners; speeding winding and preventing burnout's due to improperly fitting or torn slot lining.

## 2301M

The "Motorized Crown Insulation Former" permits forming insulation at the rate of 100 feet per min. it is designed for plain or cuffed insulation, also forms slot insulation up to 8" wide any length. It does the job faster, easier, and forms neater fitting and more uniform slot lining that can be formed by hand.



DESCRIPTION	EIS #	LIST PRICE
INSULATION FORMER	2301	\$2,090.00
MOTORIZED INSULATION FORMER	2301M	\$2,805.00

## KUTRIMMER 1080

- Blade lock
- Adjustable back gauge
- Transparent lexan® safety guard
- All-metal construction
- Narrow-strip cutting device
- Standard paper sizes indicated on table
- Foot pedal for positive clamping
- Dimensions (d x w x h): 42 1/2" x 26 1/4" x 48"
- Precision side guides scaled in inches and metric system
- Front gauge is adjustable using a calibrated rotary knob with fine adjustment scale, lockable in every position
- Fold-down extension table provides support for large cutting jobs
- Solid cast aluminum blade mounting bracket with double pivot bearings for blade axle
- Special wide-angle blade cuts heavy materials such as matteboard, plastic, and metal foil

**KUTRIMMER®**  
by IDEAL



DESCRIPTION	EIS PART NUMBER	LIST PRICE
PAPER CUTTER, KUTRIMMER, 1080 31-1/4" CUT	KUT1080	RFQ

## MBM PORTABLE PAPER CUTTER

- All-metal construction
- Adjustable back gauge
- Narrow-strip cutting device
- Dimensions (d x w x h): 31" x 16" x 10"
- Standard paper sizes indicated on table
- Non-skid rubber feet for safe operation
- Transparent Lexan® safety guard automatically covers blade in every position
- Front gauge is adjustable using a calibrated rotary knob with fine adjustment scale, lockable in every position
- Fold-away paper supports on front gauge allow precise cutting of lightweight paper stocks
- Solid cast aluminum blade mounting bracket with double pivot bearings for blade axle
- Solid hand clamp, independent of blade handle
- Precision side guides scaled in inches and metric system

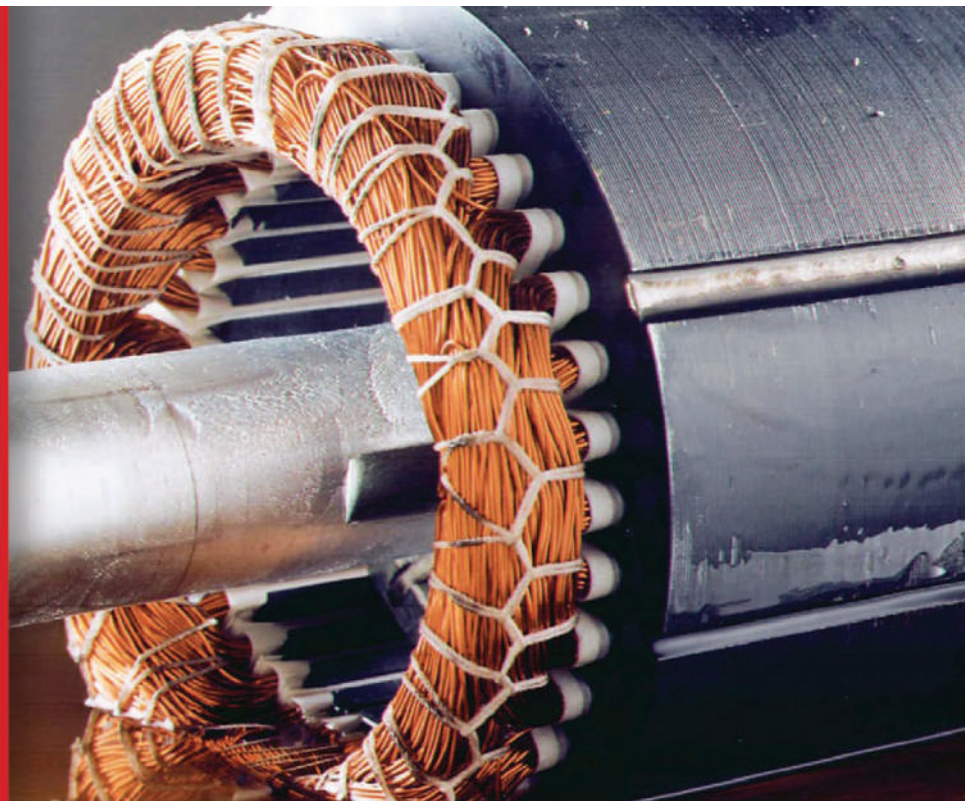
**MBM**



DESCRIPTION	EIS #	LIST PRICE
22 1/2" CUTTING LENGTH	KUT1058	RFQ



110 YEARS OF  
SUCCESSFUL  
PIONEERING WORK,  
WITH INNOVATIVE,  
COST-EFFICIENT,  
SUSTAINABLE  
TECHNOLOGIES.



## ABISOFIX WIRE STRIPPER

- Hand held rotary blade enamel stripper
- All purpose tool capable of removing the enamel insulation from copper wire to facilitate termination, e.g., soldering wire ends of stator and transformer coils
- The abisofix stripping head utilizes three weighted tungsten carbide blades, the depth of strip being controlled by a low voltage bench power supply/speed control unit



scheuing



EIS #	LIST PRICE
WMABISSTRIPPER*	RFQ
WMABISTRANS*	RFQ

\*Both parts are needed for unit to work correctly

## COIL TAMPING FLIERS

No more struggling with stator or armature windings that cannot be tamped with conventional tamping tools.

- Jaws are machined from steel bar stock instead of easily bent sheet metal
- Jaws are easily changed with screws
- No tool like this is on the market!
- Designed to tamp the windings in long bore or small bore stators where restricted space does not allow the use of conventional tamping tools and hammers.

A set consists of the coil tamping pliers (overall length 11") and 5 different jaws machined from steel bar stock. The jaws are easily changed to fit your special needs and may be purchased as a set or individually.



EIS #	DESCRIPTION	LIST PRICE
LA-TP-J-1-5	SET OF TAMPING PLIERS & FIVE JAW SIZES	\$545.00
LA-TP	TAMPING PLIERS	\$193.00
LA-TP-JAWS	SET OF JAW - FIVE SIZES	\$371.00
LA-TPJ-1	#1 JAWS - 5/32" WIDTH (4 MM)	\$83.00
LA-TPJ-2	#2 JAWS - 3/16" WIDTH (4.8 MM)	\$83.00
LA-TPJ-3	#3 JAWS - 1/4" WIDTH (6.4 MM)	\$83.00
LA-TPJ-4	#4 JAWS - 5/16" WIDTH (7.9 MM)	\$83.00
LA-TPJ-5	#5 JAWS - 3/8" WIDTH (9.5 MM)	\$83.00

## WEDGE DRIVERS



DESCRIPTION	EIS #	LIST PRICE
1/32" X 3/8" WEDGE DRIVER	2211	\$90.00
1/16" X 3/8" WEDGE DRIVER	2212	\$90.00
3/32" X 5/8" WEDGE DRIVER	2213	\$90.00
1/8" X 5/8" WEDGE DRIVER	2214	\$90.00
3/16" X 5/8" WEDGE DRIVER	2215	\$90.00
1/16" X 5/8" WEDGE DRIVER	2216	\$90.00
1/8" X 7/8" WEDGE DRIVER	2217	\$90.00

## SPLIT-HEAD HAMMERS

The split-head hammer does the work of five different hammers because the face can be easily changed. Five face types are available: rawhide, copper, urethane, nylon, Gar-Dur plastic.



### RAWHIDE HAMMER

EIS #	SIZE	FACE DIAMETER	HEAD LENGTH	WEIGHT	LIST PRICE
GARLAND31001	1	1.25"	3.875"	1.5 LBS	\$55.90
GARLAND31002	2	1.5"	4.5"	2 LBS	\$59.70
GARLAND31003	3	1.75"	4.75"	2.75 LBS	\$71.80
GARLAND31004	4	2"	5.375"	4 LBS	\$82.10
GARLAND31005	5	2.75"	5.75"	6.5 LBS	\$124.10



### URETHANE HAMMER

EIS #	SIZE	FACE DIAMETER	HEAD LENGTH	WEIGHT	LIST PRICE
GARLAND33001	1	1.25"	3.875"	1.5 LBS	\$62.90
GARLAND33002	2	1.5"	4.5"	2 LBS	\$66.20
GARLAND33003	3	1.75"	4.75"	2.75 LBS	\$80.60
GARLAND33004	4	2"	5.375"	4 LBS	\$101.40
GARLAND33005	5	2.75"	5.75"	6.5 LBS	\$146.20



### MORE HAMMERS AND MALLETS AVAILABLE!



- Gar-Dur Plastic Hammer
- Copper Hammer
- Rawhide Mallet
- Dead-Blow Hammer

### RAWHIDE HAMMER FACES

EIS #	SIZE	FACE DIAMETER	WEIGHT (6 PAIR)	LIST PRICE
GARLAND21000	0	1"	1 LB	RFQ
GARLAND21001	1	1.25"	1.75 LBS	RFQ
GARLAND21002	2	1.5"	2.75 LBS	RFQ
GARLAND21003	3	1.75"	4 LBS	RFQ
GARLAND21004	4	2"	5.5 LBS	RFQ
GARLAND21005	5	2.75"	11.5 LBS	RFQ



\* Packed 6 pair per box



### MORE HAMMERS FACES AVAILABLE!



- Urethane Hammer Face
- Gar-Dur Plastic Hammer Face
- Copper Hammer Face

# SmartTEMP INDUCTION HEATER



Thanks to 30 years experience on the professional induction heaters market, NTN-SNR is now able to introduce its new range of innovative induction heaters. This new generation of heaters will be able to manage efficiently all your requirements, starting from basic pieces to be heated up to the more sensitive parts that require a state of the art technology in order to be heated safely. The new touch screen will allow the user to operate the heater safely and easily in his own language with the best efficiency ever seen on the market.



EIS #	MAX WEIGHT	MIN. BORE DIAMETER	MAX. OUTER DIAMETER	POWER RATING	FACILITY POWER	LIST PRICE
TLS-SMARTTEMP-S-110V	50 KG	10 MM	400 MM	3 KVA	230V/13A	\$8,640.00
TLS-SMARTTEMP-M-110V	100 KG	10 MM	500 MM	3.7 KVA	230V/16A	\$13,760.00
TLS-SMARTTEMP-L-460V	200 KG	20 MM	600 MM	8 KVA	400V/20A	\$24,256.00
TLS-SMARTTEMP-XL-460V	400 KG	30 MM	1000 MM	12.8 KVA	400V/32A	\$28,440.00
TLS-SMARTTEMP-XLP-460V	400 KG	30 MM	1000 MM	12.8 KVA	400V/32A	\$30,400.00
TLS-SMARTTEMP-XXL-460V	800 KG	40 MM	1500 MM	25.2 KVA	400V/63A	\$58,900.00
TLS-SMARTTEMP-XXXL-460V	1600 KG	85 MM	2000 MM	40 KVA	400V/100A	\$108,719.00

## PULLER-SEPARATOR WITH MECHANICAL SPINDLE



- For easy and safe dismantling of rings or bearings that are tightly fitted on a shaft and difficult to grip
- 5 ton capacity mechanical spindle
- Carbonitride arm requires no maintenance
- Supplied with sturdy steel carrying case



MFG PART NUMBER	O.D. RANGE	KIT CONSISTS OF:	EIS #	LIST PRICE
TLS-BACKPULLER22-115	22-115	1 PULLER/PUSHER WITH MECHANICAL SPINDLE 1 SET OF EXTENSION RODS 1 2-BLADE SEPARATOR	TLSBACKPULLER22115	\$1,104.31

## COLD MOUNTING TOOLS



- Rings made of impact resistant synthetic material
- Can be used with a press as well
- Covers 400 different bearings
- Strong, lightweight aluminum mounting sleeves
- 33 impact rings
- 3 mounting sleeves
- 1 dead blow mallet



DESCRIPTION	EIS #	LIST PRICE
FITS BORE DIAMETERS FROM 10-50 MM	TLS-IFTSET33	\$2,136.31





# MEGAOHM CERAMIC INSULATED BEARINGS COMBAT ELECTRICAL ARCHING LIKE NO OTHER

- Ceramic coated for electrical insulation that prevents electrical pitting & fluting
- Drop-in replacement for standard bearings
- Cost effective solution to combat stray electrical currents



## SELF CENTERING MECHANICAL PULLERS

- Convertible between 2 and 3 arms
- Made from hardened steel
- Self-centering mechanism aligns arms, self locking arm prevents bending and slipping

CAPACITY TONS	MAX SPREAD	MAX REACH	EIS #	LIST PRICE
2	4.7	3.1	TLSMECHPULLER23120	\$331.81
3	7.1	4.7	TLSMECHPULLER23180	\$448.91
5	10.6	6.3	TLSMECHPULLER23270	\$659.53



## SELF CENTERING MECHANICAL PULLERS

- A range of powerful pullers for a safe and easy dismantling of large bearings and force-fitted parts such as pulleys and gear wheels
- The self-centering device facilitates positioning and anchoring around the bearing. The power developed by the hydraulic system allows the part to be extracted safely with very little effort.

CAPACITY TONS	MAX SPREAD	MAX REACH	EIS #	LIST PRICE
4	12.83	7.5	TLS-SCHYDPULLER-4T	\$1,712.75
12	19.09	12	TLS-SCHYDPULLER-12T	\$2,968.09
20	22.44	14.4	TLS-SCHYDPULLER-20T	\$5,226.16



## TMFT 36 BEARING FITTING TOOL KIT

- The right combination of impact ring and sleeve, minimizes the risk of damaging the bearing's raceways or rolling elements
- 3 impact sleeves and a dead-blow hammer packed in a lightweight carrying case
- TMFT36 has 36 impact rings
- 3 impact sleeves
- 1 dead blow hammer



**SKF**®

DESCRIPTION	EIS #	LIST PRICE
BEARING FITTING TOOL KIT	TMFT36	\$1,939.71

## MECHANICAL PULLERS

- Sturdy design allows dismounting of components even in the tightest application in a safe manner
- Unique red rings spring-operated opening mechanism allows the SKF EasyPull to be placed behind the component with one movement of the hands
- Self-locking arms help prevent the risk of puller slipping under load
- Efficient use of time due to quick dismounting
- Double hexagonal heads allow easier application of withdrawal force
- Self-centring capability and nosepiece help avoid damage to shaft

**SKF**®



CAPACITY TONS	WIDTH OF JAW GRIP EXTERNAL		EFFECTIVE ARM LENGTH	CLAW HEIGHT	EIS #	LIST PRICE
	MIN.	MAX.				
6.7	1.4 In.	5.9 In.	5.9 In.	0.30 In.	TMMA60	\$786.92
9.0	2.0 In.	7.8 In.	7.8 In.	0.39 In.	TMMA80	\$1,024.21
13.5	3.0 In.	9.8 In.	9.8 In.	0.54 In.	TMMA120	\$1,419.67

## SELF CENTERING MECHANICAL PULLERS

- Ready-to-use, integrated hydraulic cylinder, pump and puller - thus it is assembly-free and it is not necessary to purchase separate parts
- Supplied with extension pieces and one nosepiece



**SKF**®

CAPACITY TONS	WIDTH OF JAW GRIP EXTERNAL		EFFECTIVE ARM LENGTH	CLAW HEIGHT	EIS #	LIST PRICE
	MIN.	MAX.				
8.4	2.0 In.	7.8 In.	7.8 In.	0.39 In.	TMMA75H	\$1,898.12
11.2	3.0 In.	9.8 In.	9.8 In.	0.54 In.	TMMA100H	\$2,487.34

## PORTABLE INDUCTION HEATER

The SKF portable induction heater TWIM 15 is designed to heat up roller bearings that are mounted with an interference fit onto a shaft. Heating the bearing causes it to expand, which eliminates the need to use force during installation. Generally, using the TWIM 15 to generate a 90 °C (162°F) temperature difference between the bearing and shaft is sufficient to enable installation. In addition, the TWIM 15 can be used to heat other ring shaped, metallic components, providing flexibility of use.



**SKF**®

EIS #	LIST PRICE
TWIM15-120V	\$4,447.24
TWIM15-230V	\$4,447.24

## SMALL INDUCTION HEATER

- Compact lightweight design; 46.0 lb facilitating portability
- Two-step power setting and smaller yokes allow heating smaller bearings safely and at lower power consumption
- Capable of heating a 62 lb bearing in just 20 minutes
- Supplied with three yokes; allowing bearings with a bore diameter from .8 inches up to a maximum weight of 90 lbs to be heated
- Temperature mode preset at 230 °F to help prevent bearing over-heating
- Automatic demagnetization



**SKF**®

EIS #	LIST PRICE
TIH030M/110V	\$6,812.30

## MEDIUM INDUCTION HEATER

- Standard swivel arm for large-size yoke
- Capable of heating a 210 lb bearing in less than 20 minutes, saving time and energy
- Two-step power setting and smaller yokes allow heating smaller bearings safely and at lower power consumption
- Supplied with three yokes; allowing bearings with a bore diameter from .8 inches up to a maximum weight of 264 lbs to be heated
- Temperature mode pre-set at 230 °F to help prevent bearing over-heating
- Automatic demagnetization
- Available in two executions: 230V/50-60Hz or 400-460V/50-60Hz.



**SKF**®

EIS #	LIST PRICE
TIH100M/230V	\$11,308.20

## DYNAMIC BALANCER

- Self-aligning
- Comes completely equipped
- Automatically compensates for uneven floors
- Accommodates longer than normal rotors
- Dynamic balancers for rotors, fans, pulleys, gears, and other rotating parts
- Mounting system is 35% more sensitive than competitive machines
- 2500 pound weight limit

EIS #	LIST PRICE
DYNABALD15	\$33,461.00
DYNABALD25	\$39,017.00
DYNABALD40	\$45,617.00
DYNABALD60	\$51,678.00



## HARD BEARING BALANCER

- Several types of electronic controls available for EASA shop applications
- Protective devices according to ISO 7475 Class A through D
- Different sizes and weight capacities available
- Cost effective and a great value
- Piezoelectric force transducers
- Easy operation

EIS #	LIST PRICE
AHCPCD-13.1M	RFQ
AHCPCD-16.1M	RFQ



## OPEN FACED SPRAY BOOTH

- 18 Gauge Galvanized Steel
- Booths below come with all necessary accessories for installation
- Not Customizable - VOF's come standard "as is"
- ETL Listed
- Control Panel, Air Solenoid Valve, Bulbs and Crating
- Exhaust duct for 15' roof (does not include flashing - Please order appropriate flashing part number below in the roof flange section)

### Upgrades / Options

- (1) 4-Tube, 5000K, T-8 Fluorescent Light Fixture to 6000K, L.E.D. tubes
- 24" Flashing
- 30" Flashing
- 42" Flashing

Other sizes available as well as custom sizes MTO



WIDTH	DEPTH	HEIGHT	OVERALL DEPTH	LIGHT FIXTURE	FAN & MOTOR SIZE	NUMBER OF FILTERS	CFM AT 0.625"	EIS #	LIST PRICE
8'	5'	7'	7.2'	(1) 4 TUBE LIGHT FIXTURE	24" FAN/2 HP MOTOR	16	7000	STVOF857	RFQ
8'	7'	8'	9.2'	(1) 4 TUBE LIGHT FIXTURE	24" FAN/2 HP MOTOR	16	7000	STVOF878	RFQ
10'	5'	7'	9.2'	(1) 4 TUBE LIGHT FIXTURE	24" FAN/2 HP MOTOR	20	7000	STVOF1057	RFQ
10'	7'	8'	9.2'	(2) 4 TUBE LIGHT FIXTURE	24" FAN/2 HP MOTOR	20	7000	STVOF1078	RFQ
12'	7'	8'	10'	(2) 4 TUBE LIGHT FIXTURE	24" FAN/3 HP MOTOR	24	10000	STVOF1278	RFQ

## BENCH-TYPE UNDERCUTTER MODEL HV-3



- Longer armatures on V-supports, which can be spread to 23" between inside edges, and have 1" vertical adjustment
- Takes armatures 10-1/2" diam. on centers or 12" on V-supports
- Handles commutators: Vertical - 5-1/4" diam.; Horizontal - 6-1/2" diam. x 6-1/2" long
- Saw lifts out of slot on return stroke
- Specifications: 20"
- 20" between centers



VOLTS	HERTZ	SPINDLE	EIS #	LIST PRICE
115 V	50/60 HZ.	1/8" SPINDLE	HV3UA1	\$3,976.84
115 V	50/60 HZ.	3/16" SPINDLE	HV3UA3	\$3,976.84
230 V	50/60 HZ.	1/8" SPINDLE	HV3UB1	\$3,976.84
230 V	50/60 HZ.	3/16" SPINDLE	HV3UB3	\$3,976.84

## AIR DRIVEN MICA MILLER



- Popular, lightweight, rugged, and a powerful tool
- Available in two models for use with high-speed steel or tungsten-carbide saw blades
- 5,800 RPM model, for use with solid carbide saw blades, is great for prolonged use on larger commutators
- Less stopping to change blades saves you time and money



EIS #	LIST PRICE
MARTINM-MU202	\$2,064.64

## BENCH-TYPE UNDERCUTTER



- Model H-9 uses either high-speed steel or carbide saws and V cutters
- Handles armatures from the small sizes up to 17" diameter
- Spindle speed easily changed for high-speed steel or carbide saws
- Cutting head carriage travels freely on ball-bushings
- Adjustment provided for aligning to skewed commutator bars



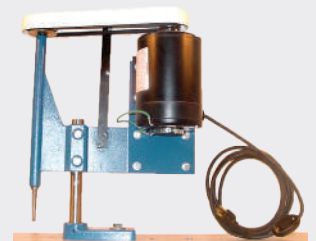
Other Sizes Available

EIS #	LIST PRICE
MARTINH-9UA5	\$8,810.54

## LATHE-TYPE UNDERCUTTER



- Can be quickly attached in place of the tool post on any lathe
- Can be mounted directly on the cross slide or on the slide carriage which is then mounted on cross side
- 1/3 HP motor using high-speed steel or carbide saws or V cutters



Other Sizes Available

EIS #	LIST PRICE
MARTINLTHU101A	\$2,231.35

## BRUSH SEATERS

- Brush Seating and Cleaning Stones
- Brush Seater Holders
- Brush Seaters with Handles

Call for sizes and pricing



## EDDY CURRENT ECB-SERIES DYNAMOMETER

- These electric motor dynos allow for ease of testing as they offer the advantage of dissipating heat via air-cooled fin technology.
- They allow for minimal HP testing without the need for water to cool.
- PC Control: DC drive control via real-time data acquisition PC
- Closed loop control: real-time PID set-point control (RPM/torque)
- Hand-held control: wireless hand-held control with data acquisition readouts
- Manual control: manual hand-held potentiometer



MFG PART NUMBER	RATINGS	EIS #	LIST PRICE
ECB 10	10 HP AT 3600 RPM	AWDECB10	RFQ
ECB 50	50 HP AT 3600 RPM	AWDECB50	RFQ
ECB 100	100 HP AT 3600 RPM	AWDECB100	RFQ
ECB 200	200 HP AT 3600 RPM	AWDECB200	RFQ
ECB 400	400 HP AT 3600 RPM	AWDECB400	RFQ

These are not capable of testing DC Motors

## 2100S DYNOPRO COMPUTER SYSTEM

- The DynoPro 2100s Computer system is a high-speed control and data acquisition computer offering a Real-Time Operating platform that is taken advantage by its high performance ARM Processor.
- The standard PTO dynamometer 2100s (884105) comes equipped with a 5000 ft.lb load cell (Torque), digital magnetic pickup (RPM), and a 24 Volt power supply.
- The 2100s DynoPro Computer is also encased in a high grade aluminum box that is NEMA rated for outside weather elements and is capable of a 360 Degree rotational view.

Key features of the 2100s DynoPro Computer:

- Power
- RPM
- Torque
- Torque Rise
- Optional-Dyno Water Temp

Dynopro computer system is included with all Dyno units.



## ETS SOFTWARE

- ETS Software is a National Instruments Labview base software program that is capable of operating in a Windows environment.
- How does it Work? - ETS will download onto the tech's laptop and allow the ag tech to plug his or her field service laptop into the 2100s DynoPro Computer via USB or RS 232 port, and collect the real time data from the dynamometer test.
- ETS contains (7) available display screens that enhance the dynamometer end user's ability to view and store test data.



EIS #	LIST PRICE
AWTSSOFTWARE	RFQ

## E-SERIES DYNAMOMETER

- These electric motor dynos have the ideal control response! As torque is not dependent upon water-flow in these electric motor dynos. The electric motor dynamometers of these series allow for precise set-point control due to lock of control flow oscillation.
- Electric Motor Dynamometers base serves as a ballast weight for high-torque applications. Dyno unit necessitates prescribed amount of supply water (GPM) per 100 HP.

- Safety fuse (releases at 185° F) allows for power absorption unit protection through automatic disengagement of hydraulic pressure within hydraulic control system of the electric motor dynos.
- Engine dynos are fully operable upon receipt. An AW representative completes your dynamometer purchase through on-site training of key personnel on the functionality and maintenance of the dynamometer unit.

RATINGS	TORQUE @1000RPM	EIS #	LIST PRICE
300 HP AT 3600 RPM / 200 HP AT 1000 RPM	1050	AWDI300E	RFQ
600 HP AT 3600 RPM / 400 HP AT 1000 RPM	2100	AWDI600E	RFQ
900 HP AT 3600 RPM / 600 HP AT 1000 RPM	3200	AWDI900E	RFQ
1000 HP AT 2200 RPM / 800 HP AT 1000 RPM	4200	AWDI1200E	RFQ
OPTIONAL SMALL MOTOR TEST KIT	EIS #	LIST PRICE	
10HP AT 1800RPM UP TO 25HP AT 3600RPM	280300	RFQ	
25HP AT 1800RPM UP TO 50HP AT 3600RPM	280600	RFQ	
50HP AT 1800RPM UP TO 75HP AT 3600RPM	280900	RFQ	



IN **EIS** BOOTH #926

VPI & VOI SYSTEMS | RETROFITS & UPGRADES | BATCH OVENS

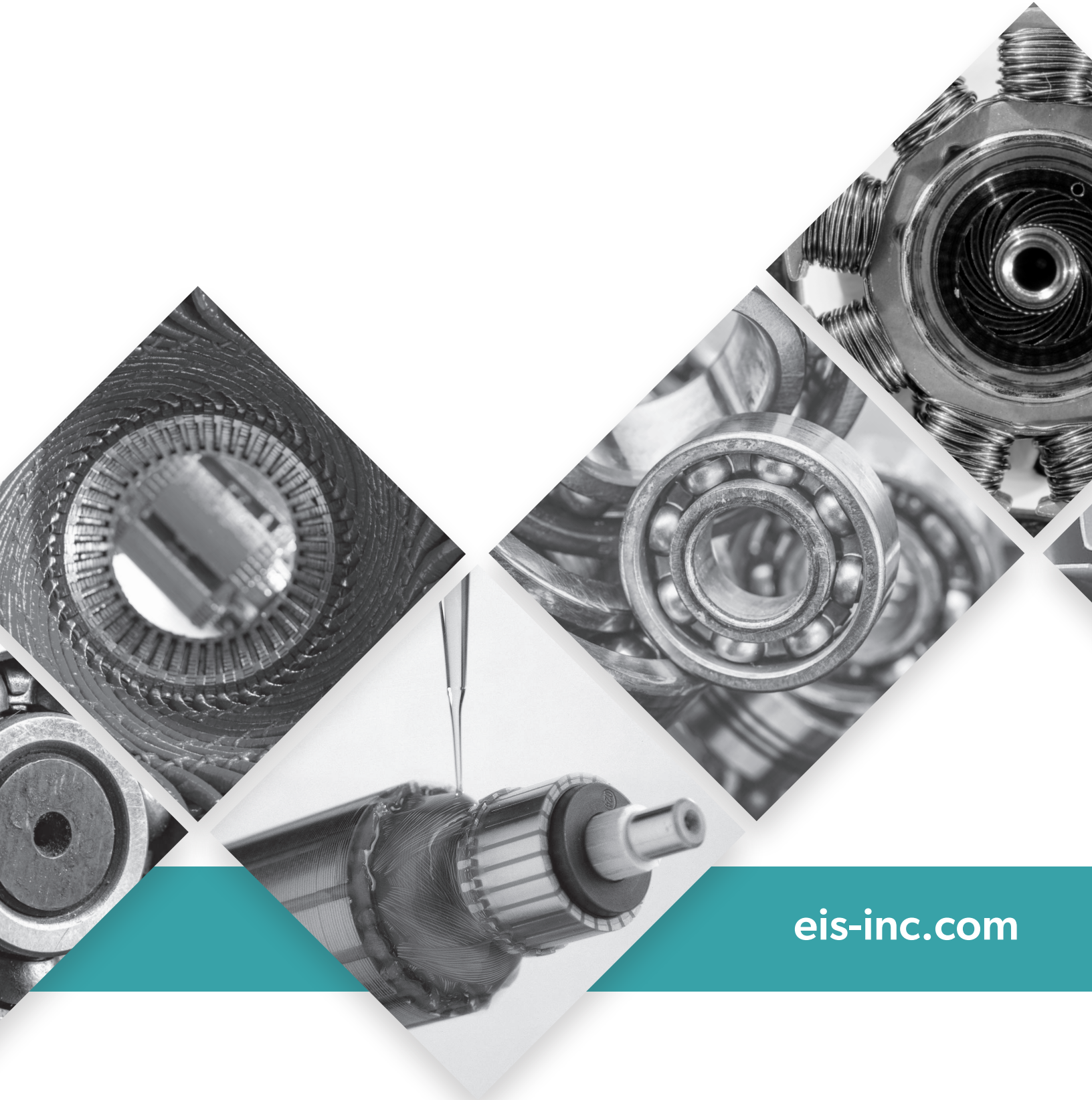
HERE'S WHY CUSTOMERS CONTINUE TO TRUST HEATTEK:

- Dedicated team of industry experts
- Advanced process knowledge
- Relationships with resin manufacturers
- Second-to-none service team

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