

AIRMATIC®

WE'LL HANDLE IT.



CONCRETE CONSTRUCTION INDUSTRY

PRODUCTS & SERVICES

PRODUCERS IN REINFORCED CONCRETE.

AIRMATIC

284 Three Tun Rd. Malvern, PA 19355

215.333.5600

infocenter@airmatic.com

airmatic.com

Concrete Solutions

• Rebar Fastening Systems	3	• Valves	18
• Wire Mesh Fastening System	6	• Bin Level Indicators	19
• Rebar Cutters and Benders	7	• Screw Conveyors & Feeders	20
• Internal Concrete Vibrators	9	• Personal Protection Equipment	21
• Concrete Consolidation Systems	11	• Automatic Lubrication Systems	22
• Form & Bin Vibrators	12		
• Concrete Finishing	14		
• Dust Collection and Control	17		



THE ULTIMATE CONCRETE PROFESSIONALS

Since 1944, **AIRMATIC** has specialized in the engineered sale, installation and maintenance of products, systems and controls used to advance the safe, clean and efficient storage, transport and processing of bulk solids. As you'll see in this catalog, in the Concrete Construction Market our offerings include:

- Rebar Cutting, Bending and Fastening equipment to make rebar handling tasks faster, safer and more secure;
- Electric and Pneumatic Vibrators, Voltage/Frequency/Speed Controls, Mount Brackets, and Accessories for Internal and External Form Concrete Consolidation
- Vibrators, Air Cannons and Aerators to prompt and maintain material flow from silos, hoppers, bins, molds/forms, chutes and other containments;
- Point and Continuous Bin Level Indicators and Control Systems for the accurate, low-maintenance inventorying and processing of bulk solids;
- Dust Collection, Suppression and Control Systems to ensure permissible plant emission levels;
- Installation, Fabrication and Maintenance Services to improve the efficiency of belt conveyors and storage hoppers to maximize value and utility of our Customers' investment;
- Belt Conveyor Components, Accessories and Controls to eliminate the spillage, carryback and emission problems caused by fugitive materials;
- Silo Cleaning and Inspection Services to remotely and safely clean-out build-up and blockage problems in storage vessels and maintain their structural integrity;
- Automatic Lubricant Systems to provide automatic and consistent lubrication on equipment bearing points; Industrial-Grade Air Tools and Accessories for manufacturing, maintenance, and construction/demolition; Portable Air Supply Systems to provide clean, dry, and regulated compressed air in remote or difficult to access locations;
- Personal Protection Equipment to provide industry's lightest weight and most comfortable hard hats and bump caps;
- Valves and Actuators to precisely control, regulate or shut-off flow of powders, solids, slurries and gases.

Our Products and Services are backed by great people — professional, friendly and dedicated to helping our Customers solve their material handling problems. For more information, we invite you to call one of our Sales Engineers, Product Managers, Technical Support Specialists or Customer Service Representatives — **“WE'LL HANDLE IT!®”** is our motto and we walk-the-talk.



**MADE
IN AMERICA**



PRECAST CAGE WORK

With Yellow 626 K-KLIPs, this cage is able to maintain its shape when free standing, eliminating the need for diagonal support bars and excessive wheel spacers.

KODI KLIP® REBAR CONNECTING SYSTEM

Connecting rebar with wire ties is an expensive process that can injure workers, create construction bottlenecks and increase maintenance costs, while still producing unstable and inconsistent connections. The innovative KODI KLIP Rebar Fastening System eliminates these problems by utilizing a magazine-fed, lightweight, air operated KLIPPING TOOL to shoot molded, recycled, polycarbonate resin KLIPS onto rebar connection points.

MAKES STRONGER CONNECTIONS

The KODI-KLIP rigidly grips saddle joints, dramatically reducing wracking and eliminating unwanted motion. Its patented four-point grip gives you more consistent and stable connections which makes KODI KLIP perfect for site-pour, precast, pre-stressed, and tilt-up concrete applications.

SAVES TIME

Move from job to job quicker by making connections faster with the KODI KLIP System. The lightweight, high-powered KLIPPING TOOL attaches KLIPS in milliseconds, enabling you to be more competitive when bidding and to complete jobs on budget.

The KODI KLIP System gives you a faster, safer, and better way to make rebar connections. Instead of time-consuming wire ties or expensive welds, the KODI KLIP System will make the majority of the connections in any precast or pre-stressed production process. The K-KLIPS work great on both horizontal and vertical applications, as well as curved, round, and cage work. Cages maintain their shape when free standing, eliminating the need for diagonal support bars and excessive wheel spacers.

REBAR FASTENING SYSTEM



MAX REBAR TYING SYSTEM

MAX is the leading manufacturer of battery operated rebar tools. With more than 70 years of manufacturing experience, MAX has been developing innovative, state-of-the-art products that set industry standards for quality and reliability.

AIRMATIC, with 65 years of experience in the precast concrete industry, was one of the first, and now one of the largest, Stocking Distributors of MAX Battery Operated Concrete Construction Tools. We maintain one of the nation's largest inventories of tools, wire, parts, and accessories and ship most orders the day they are received. We are an Authorized Service Center with factory-trained mechanics, so if your tools need maintenance or repair, you can count on us for prompt, professional service.



MAX Rebar Tiers have been proven to be so important in reducing injuries that rebar ironworkers, aka, rod busters or rodworkers, increasingly support their use on every job, while both union and non-union contractors benefit from reduced Workman's Comp MOD Factors. When compared to hand tying, MAX Rebar Tiers have been shown to significantly reduce labor costs, tying rebar more than five (5) times as fast. In customer tests, MAX Tiers have outperformed other brands by 50% to 80% in tool uptime and maintenance costs.

MAX TIE WIRE

MAX manufactures a full line of Genuine OEM Black Annealed, Electro-Galvanized, Plastic Coated, and Stainless Steel tie wire to work effectively and safely in the broadest range of conditions and applications. MAX wire, available in 21-Ga spools 19-Ga spools, and 16-Ga spools, is tested to rigorous quality standards, under tightly controlled manufacturing processes to assure consistent quality and performance. MAX wire is packaged 50 spools to a box, and 40 boxes to a skid. AIRMATIC, one of the largest MAX Rebar Tier distributors in North America, maintains one of the largest inventories of MAX wire, tools, parts, and accessories in the USA.

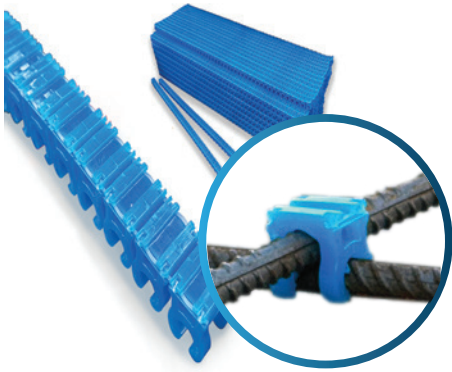


 **USA MADE WIRE AVAILABLE**



AIRMATIC

airmatic.com | 215.333.5600 | infocenter@airmatic.com



ENCORE HARTCO® REBAR CONNECTING SYSTEM

With three installation options (manual tool; air-powered hand-held tool; air-powered multi-head machine), the SNAPPER® Rebar Connecting System is a game-changer in assembling rebar frameworks.

Because the anvil of the SNAPPER Clipping Tool, used for each of the three install methods, is designed to absorb the force of the fastening action – *no other connecting system offers this feature* – you gain the following benefits:

- Reduced the amount of pressure required to apply clips
- Rebar intersection is stabilized during installation, reducing the flexion stress on the entire reinforcing framework
- Reduced waste from clip breakage (from too much force applied)
- One-handed operation is possible to reduce worker fatigue and stress

POLYCARBONATE FASTENERS

Available in multiple sizes

THREE INSTALLATION OPTIONS:

AIR SNAPPER TOOL

AIR-POWERED HAND-HELD TOOL; WEIGHT: 5.5 LBS

- Pre-fabricate rebar cages at the factory or build on-site
- Powerful, lightweight tool applies SNAPPERS with a simple trigger squeeze
- Holds 16" L flexible strip of SNAPPERS



PRO SNAPPER TOOL

HEAVY DUTY MANUAL TOOL; WEIGHT: 5.5 LBS

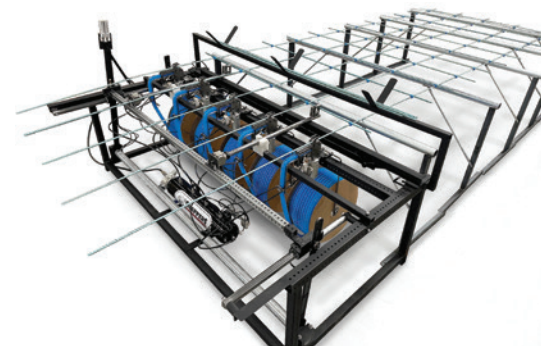
- Highly portable, low cost and lightweight
- Install up to 30 SNAPPERS per minute
- Tool operates upright – no kneeling



MULTI SNAPPER

AIR-POWERED MULTI-HEAD MACHINE

- Installs SNAPPERS on multiple rebar intersections simultaneously
- Completely customizable
- Builds 8' x 20' rebar framework in < 3 minutes



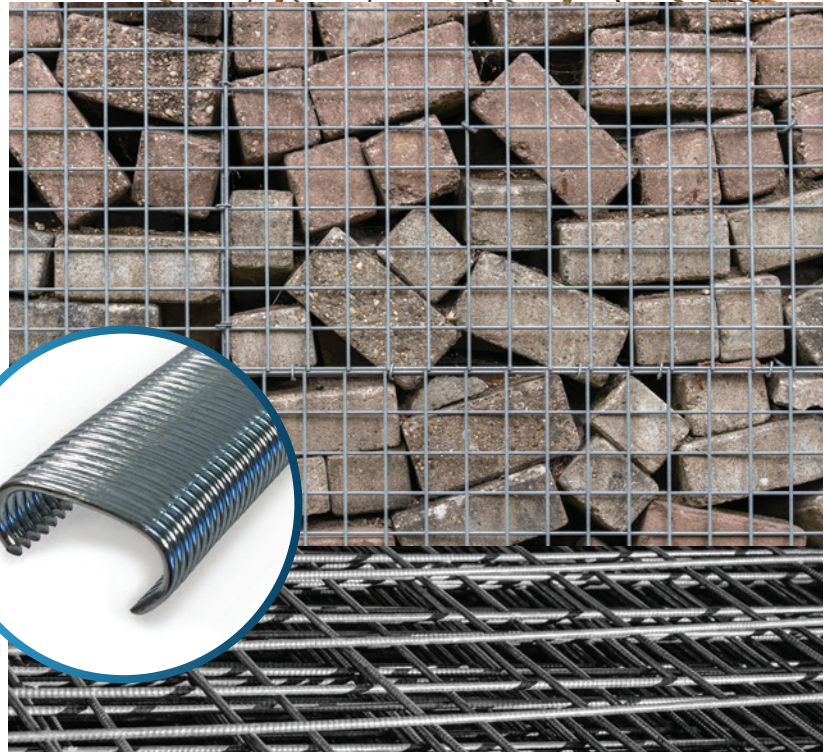
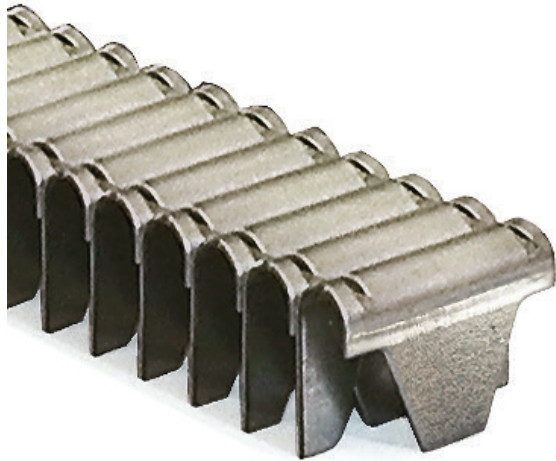
WIRE MESH FASTENING SYSTEM



ENCORE HARTCO WIRE MESH CONNECTING SYSTEM

The air-powered ECLIPSER® Cinch-Clip System is the “Made-in-America” faster, better, safer way to fasten wire mesh in precast pipe and other precast concrete form applications. Using the ECLIPSER 2000 Pneumatic Cinch-Clip Closure Tool with the appropriate size, steel E-Clips significantly reduces the risk of injury and inefficiency associated with welding or tying wire mesh. The ECLIPSER E-Clip System is not just economical to purchase and requires minimal operator training, but also:

- Eliminates welding hazards
- Improves ergonomics
- Better air quality and noise control
- Enhances compliance with safety regulations



By replacing welding or tying with the ECLIPSER Cinch-Clip System for wire mesh fastening, Precasters can balance workplace safety with increased production and a healthier work environment.



AIRMATIC

airmatic.com | 215.333.5600 | infocenter@airmatic.com



BATTERY POWERED REBAR CUTTERS will safely and cleanly cut rebar up to #5 (5/8") and #6 (3/4") GR-60 respectively. These self-contained electric/hydraulic units will also cut other items like chain, bolts, and rods.

The cutting heads rotate up to 345° for use in vertical, horizontal, or difficult applications. Both have safety relief valves for retracting the piston and a cutting guard as standard features. These tools ship complete with (2) each 18 volt DC batteries, 30-60 minute fast battery charger, removable side handle, plastic carrying case, and a tool kit. We have available a tune-up kits for all models.

CORDED HEAVY-DUTY REBAR CUTTERS

BN Products offer models that will safely, efficiently, and cleanly cut rebar up to #10 (1-1/4" dia) GR-60. The heavy duty lines are ideal for bridge and highway work, and in small rebar fabrication shops. Units are compatible with combination rebar benders mounted on stands. There are no sparks or flame so it also works great on epoxy-coated rebar. It's the fastest, safest, and most economical way to cut rebar on the job. A safety relieve valve for retracting the piston and a cutting guard are standard features. Ships complete in a wooden carrying case with hydraulic oil and a tool kit.



BN PRODUCTS MANUAL REBAR CUTTER/BENDER

has a longer handle, and a cam mechanism that provides greater leverage when cutting and bending GR-60 rebar. It features an adjustable 2-1/2" dia (63.5mm) bending roller cam and replaceable cutting jaws that incorporate two (2) open slots with innovative shaped blades to prevent chipping. The sturdy frame design is firmly mounted on a 2" x 8" x 60" wooden board and is ready to use. Other features include a comfortable 12" L no-slip handle grip and a lifting chain and ring to make it easier to carry to and from the job site.



REBAR CUTTERS AND BENDERS



HEAVY-DUTY PORTABLE TABLE-TYPE BENDERS

BN offers the largest 115VAC portable Rebar Bender available. These powerful electrically driven mechanical unit will easily bend up to #9 GR-60 rebar 180° in only 8 seconds! These fast and accurate benders are valuable tools for small to medium size production shops. It comes standard with a hands-free foot pedal control switch and a complete bending radius roller set. An optional stand is also available.

DBC-16H PORTABLE COMBINATION REBAR CUTTER & BENDER

provides jobsite cutting and bending of rebar all in one tool. The unique design provides the operator the ability to cut and bend rebar for in-place rebar or stationary fabrication applications. Now you have the ability to cut and bend rebar protruding from a wall or column or just fabricate what you need on a table. Our powerful electric/hydraulic design is for heavy-duty #5 Rebar (5/8" dia) GR-60. It's fast and easy to use, there is no changing of attachments, bends rebar up to 180°. The tool includes steel carrying case, tool kit, hydraulic oil, operations manual are included. All BN tools carry a one-year parts and labor warranty.



REBAR CUTTER AND BENDER COMBOS

These HD combos save valuable man-hours by effortlessly bending rebar up to #10 GR-60 at job sites or in your shop. These electrical-mechanical benders have two preset angle locks for repeating the same angle bend. The roller chart makes it easy to select the correct combination of rollers to achieve an inside bending diameter of six-times the rebar diameter meeting ACI 318-05 Specifications. An emergency stop switch and two lifting handles are standard features. The accompanied portable Rebar Benders come complete with nine (9) bending rollers in two steel carrying cases, a tool kit, a bender cover, and a standard foot pedal control switch for hands-free bending.





WYCO® SURE SPEED® 2.0 ELECTRIC CONCRETE VIBRATOR

The computer controlled Sure Speed 2.0 motor automatically maintains vibrator head speed in varying conditions and requires less power consumption by using only the energy necessary for job completion. The Sure Speed 2.0 produces uniform and repeatable vibration-every time. The user only needs one motor to power any shaft length and head size. Its lightweight, ergonomic design minimizes labor hours and fatigue and a soft-start brush design provides increased brush life.

The User only needs one motor to power ANY shaft length and head size.

- Maintains Optimum Frequency: 10,000 - 11,000 VPM
- Adapts to Slump Automatically and Controls Motor Output for Optimal Results
- Drives Any Head and Shaft Combination - 1 motor for ALL Consolidation Needs
- Consumes Less Power
- Meets All Current UL & OSHA Safety Regulations



WYCO 995 ELECTRIC CONCRETE VIBRATOR

The 995 electric motor vibrator builds on the legacy of the rugged and reliable 995. Lightweight, with an ergonomic hand-grip and shoulder strap, the 995 Electric Vibrator drives any head and shaft combination, requiring only one motor for all your consolidation needs, and conforms to current UL and OSHA regulations for safety. The more durable 995 is designed to incorporate the latest features from our Sure Speed line, including a rugged molded motor enclosure, durable electric switch and easy-to-service motor brushes.



ACBe BATTERY BACKPACK INTERNAL VIBRATORS WITH BATTERY

This cordless 12,000 RPM, Battery Backpack Internal Vibrator guarantees the user maximum flexibility in the precast plant or construction site when compacting concrete. This vibrator is particularly helpful when working on formwork and scaffolding because the operator gains the benefits of greater freedom of movement and an unlimited working radius – the operator no longer has to drag cables behind him. Further, the long-lasting, rechargeable battery provides power for an entire working day.

INTERNAL CONCRETE VIBRATORS



OZTEC® ELECTRIC MOTORS

OZTEC Electric Vibrator Motors are manufactured to exact specifications to withstand the rough day to day use associated with construction sites. Lightweight, compact and fitted with our comfortable adjustable shoulder strap, this one man power unit will speed through the stiffest concrete.



OZTEC REBAR SHAKERS

Eliminate the time and mess of lowering a concrete vibrator into a cell containing rebar and filled with grout. The splashes caused by the withdrawal of the vibrator are slippery, dangerous and time consuming to clean up. Our Rebar Shaker eliminates those problems.

OZTEC RUBBER HEAD

Epoxy coated rebar presents a particularly troublesome problem. Steel heads act like an electric hammer, striking any rebar or the forms they contact over 10,000 times per minute, with a force from hundreds to over 2,000 pounds per blow. Contact with a steel vibrator head of as little as one second can chip enough coating to subject the steel to deep rust. OZTEC's patented High Efficiency "RubberHead" vibrator head not only meets DOT non-metal head specifications for protecting coated rebar and expensive forms. The "RubberHead" urethane dimpled construction generates a larger radius of action, and producing denser concrete with less voids to patch.



WACKER® HMS SERIES

The HMS Series offers flexibility and job site efficiency. These high frequency, flex-shaft Internal Vibrators can be adapted to every type of application. Heads and shafts are easily combined and rapidly interchanged to match the right vibrator to the job.

WACKER IRFU SERIES

The high-frequency, internal vibrators in the IRFU Series share one main benefit: They connect to single-phase power for immediate use. Quick, simple, and flexible, they are ideal for small, fast pours.



WACKER BACKPACK VIBRATORS

Portable Gasoline-Driven Internal Vibrators equipped with a comfortable, ergonomically designed backpack which features a shoulder mounted on/off switch and throttle control for simple operation. These Vibrators are portable and productive for high-impact, high-speed vibration (10,000 VPM).



AIRMATIC

airmatic.com | 215.333.5600 | infocenter@airmatic.com

Freshly mixed concrete never compacts by itself because its poor fluidity can't overcome its internal friction. Vibration is the only way to overcome such resistance and get the concrete properly compacted – entrapped air released; aggregates rearranged for more efficient, interlocked, dense final product; the mix to flow easily into formwork and around rebar.

The vibration consolidation method must be compatible with the concrete mixture, placing conditions, form intricacy, type and amount of reinforcement, etc. **OLI**, the worldwide leader in vibration technology, offers the industry's most complete line of electric and pneumatic internal and external concrete consolidation vibrators.

Our line of compaction vibrators, controls, brackets and accessories includes:



INTERNAL ELECTRIC VIBRATORS

Robust, reliable, and appropriate for continuous operation.



INTERNAL PNEUMATIC VIBRATORS

High operating frequency with safe, high-working efficiency.

FREQUENCY & VOLTAGE CONVERTERS

Simultaneously and continuously power one or more hi-frequency immersion vibrators



EXTERNAL ELECTRIC VIBRATORS

Both low-speed vibration for high-density concrete and high-speed vibration for low-density concrete in foot-mount and cradle-mount style.



EXTERNAL PNEUMATIC VIBRATORS

Both low-frequency for higher-amplitude vibration for large aggregates, and high-frequency, lower-amplitude for small aggregates.

ELECTRIC & PNEUMATIC VIBRATOR SYSTEM DESIGN

Free consulting on choosing the ideal type of vibrator, where to place the vibrators, and how to mount them.



FORM & BIN VIBRATORS



MB36-3000 CONCRETE FORM VIBRATOR

The MARTIN® MB36-3000 Form Vibrator offers the Precast Industry excellent cast compaction for improved concrete strength and fewer voids. The rugged 3 Phase Vibrator design not only has the industry's highest power-to-weight ratio, but it's also the most reliable because it uses high heat-rated internal components, which enables the vibrator to perform consistently under punishing conditions for extended periods. Exact interchange for BOSCH/BRECON 18-120 and other Vibrators used by Pipe Machine manufacturers.

HEAVY-DUTY ROTARY ELECTRIC VIBRATOR

This single phase, wedge-mount Vibrator is available in 3450-RPM or 9000-RPM with a centrifugal source output range of 15 to 5400 lbf. The COUGAR Heavy-Duty Rotary Electric Vibrator features triple-dipped shock-resistant windings, uses oversized bearings lubricated for life, and is sealed for outdoor protection.

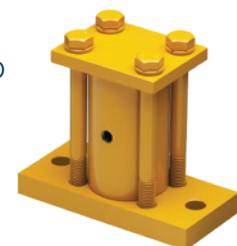


CONCRETE FORM VIBRATORS

The COUGAR Concrete Form Vibrator is a 230/460 Volt 3-Phase Unit that can be easily interchanged with BOSCH 18-20 & ISKCO EVL-35. It features a force output of 3000-lbs at 3450-RPM, roller bearings designed for vibration, and ductile iron bearing housings.

PNEUMATIC PISTON VIBRATORS

The COUGAR 5016 Pneumatic Piston Vibrator offers control of force and frequency to maintain consistent material flow, improving efficiency and reducing construction bottlenecks. It is efficient on air consumption, available with internal spring for positive starting, manifold/muffler for quiet operation, air-cushions, non-impacting action, and universal mount.



Utilize the power of applied vibration to achieve the ideal consolidation of your concrete!



VIBRATEK® VRH AIR DRIVEN VIBRATORS

The VRH Dual Roller Series Portable Vibrators are ideal for applications which respond well to high frequency, adjustable force rotary vibration such as needed in concrete production. VRH Vibrators shorten pouring time, speed consolidation, and increase compaction. These Vibrators are also regularly used to prompt and maintain material flow through hoppers, bins, railcars, chutes, and screens.

WORKMASTER® WHIRLWIND TURBINE VIBRATOR

Ideal for concrete consolidation, the WHIRLWIND High-Frequency Turbine Vibrator is a urethane-encapsulated turbine Vibrator that mounts easily with QC Cradle Lug Brackets. Its built-in handle provides easy portability for use on precast forms while producing 6 to 10 dB less noise than competitive models.



ITALVIBRAS® ITV-VR ITV-AF CONCRETE VIBRATORS

The ITV-VR Series is our line of variable speed, continuous-duty, lightweight Concrete Form Vibrators. The speed of ITV-VR can be varied from 0 to 6000-RPM using a panel mount or mobile frequency regulator. The ITV-AF Series is our fixed speed (6000-RPM or 9000-RPM), continuous-duty, lightweight Form Vibrator. Both Series of Vibrators are available in two mount styles — either Foot-Mount or, by adding the suffix-RS, in a Cradle Mount for QC Cradle Lug Brackets. Vibrator sizes can produce centrifugal force from 1400 lbf to 11,000 lbf.

VIBRATOR MOUNTING QC CRADLE LUG BRACKETS

Our Cradle Lug Brackets are the highest quality quick-change mounts available. They feature heavy-duty, cast steel construction, and the bracket's seat is machined to match the curve of any manufacturer's CL style high frequency concrete form vibrator.



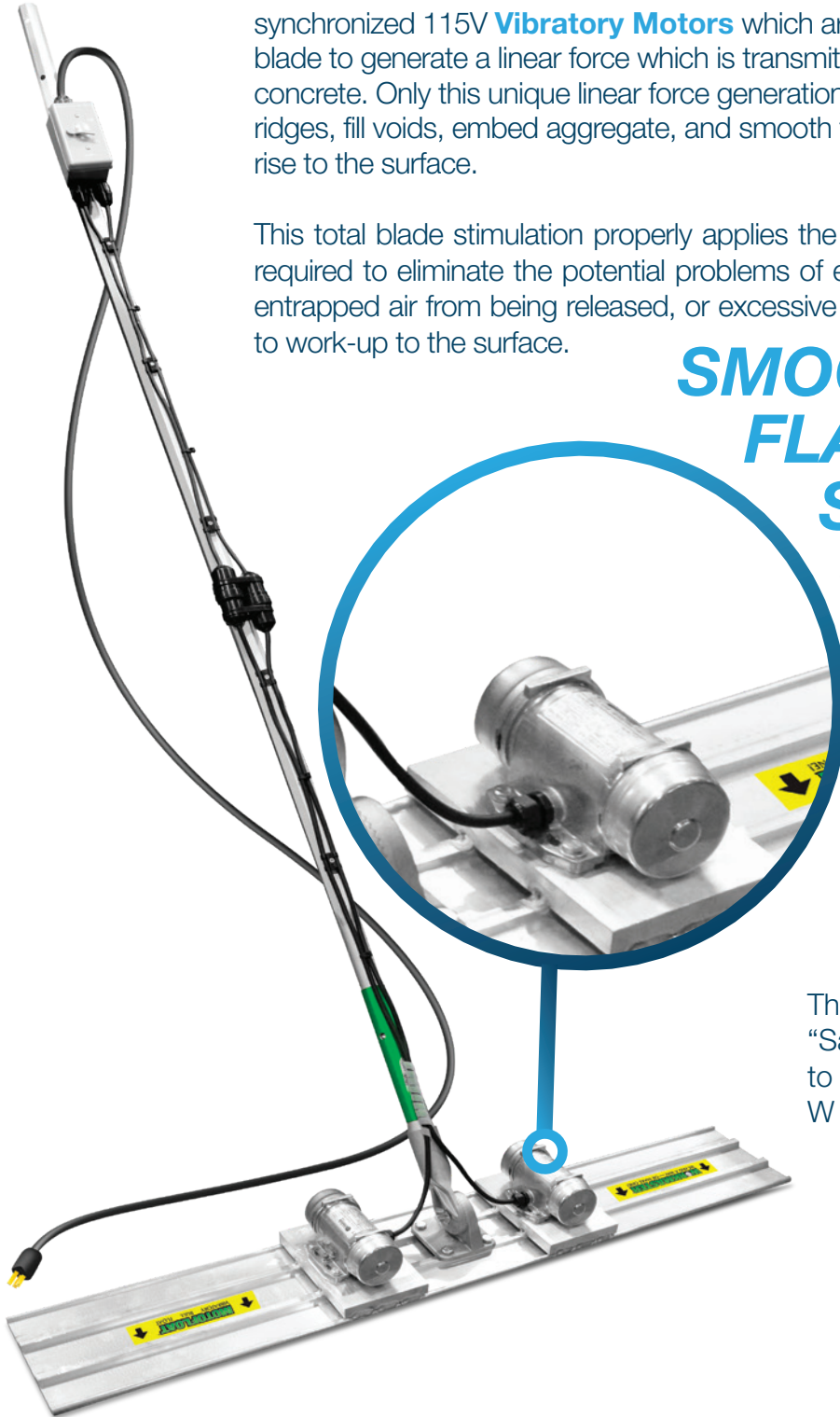
The **WORKMASTER MOTOFLOAT Vibratory Bull Float** uses dual, adjustable-force, synchronized 115V **Vibratory Motors** which are uniquely positioned on an aluminum blade to generate a linear force which is transmitted directly into the surface of the concrete. Only this unique linear force generation can easily, rapidly, and consistently level ridges, fill voids, embed aggregate, and smooth the concrete while enabling the cream to rise to the surface.

This total blade stimulation properly applies the vibratory amplitude, frequency, and force required to eliminate the potential problems of either insufficient vibration, which prevents entrapped air from being released, or excessive vibration, which can cause a thick mortar to work-up to the surface.

SMOOTHER, FLATTER SURFACES!

The heavy-duty, **115VAC Vibratory Motors** are synchronized to produce a constant **3600 vibrations-per-minute** and an adjustable centrifugal force of up to 128-lbf for high-flow concrete, or 286-lbf for low-flow concrete along the entire length of the blade.

The Vibratory Motors, which run at a "Safe Rating" of 70 dBA, are rigidly mounted to a properly balanced, double-ribbed, 7-1/4" W x 4' L aluminum blade.



A NEW BREED OF SCREED.

The **WORKMASTER® MOTOSCREED Vibratory Beam Screed** incorporates dual 115VAC Vibratory Motors (speed and force synchronized), which are uniquely mounted to a 6"W x 4"H x 6' to 18' L aluminum beam to produce a Screed which not only spreads, levels, surface-finishes and consolidates conventional, high-flow, and self-compacting concrete, but also self-propels down the Form.

SELF-PROPELLED CONSOLIDATION SCREEDING

The **MOTOSCREED** design – engineered and manufactured by applied vibration specialists – enables the Vibratory Motors to generate a rectilinear motion which self-propels the Screed along the Form's rails as it strikes-off and straight-edges the concrete. Simultaneously, the Vibrators produce a downward centrifugal force of up to 1320 Lbf at 3600 vibrations-per-minute to both surface-finish, and consolidate the concrete to a depth of 12" to 18".

The self-propelled feature provides two distinct advantages: Safety and Speed.

- Self-propelled motion means Operators can safely and easily guide the Screed along the Form's rails without the usual pulling, pushing, and holding. This greatly reduces hand/arm musculoskeletal disorders associated with the regular use of traditional vibratory equipment.
- Self-propelled motion, when combined with adequate centrifugal force, allows the Screed to be moved more rapidly down the Form to preclude too much mortar being brought to the surface in normal weight concrete; or too much coarse aggregate being brought to the surface in lightweight concrete.

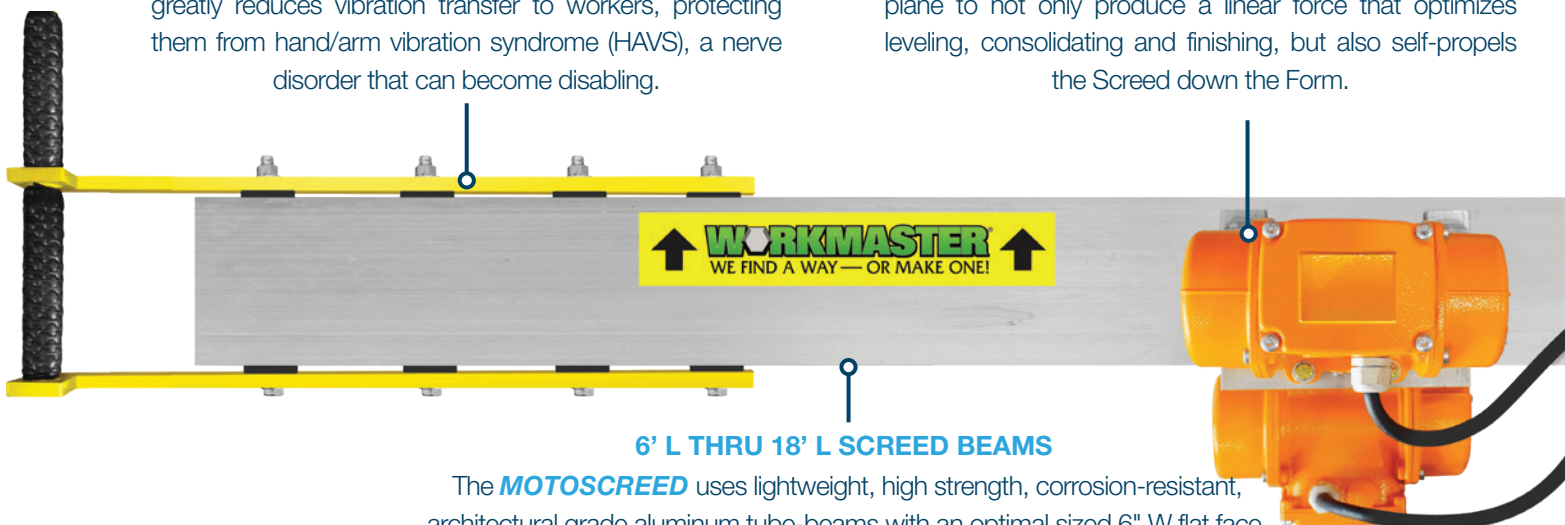


ISOLATED CONTROL ARMS

Each of the four (4) Control Arms are isolated from the Screed with three (3) sets of molded rubber mounts which greatly reduces vibration transfer to workers, protecting them from hand/arm vibration syndrome (HAVS), a nerve disorder that can become disabling.

TWO 120 VAC HD VIBRATORS

Dual, heavy-duty Vibratory Motors (speed and force synchronized), are rigidly mounted in a forward-balanced plane to not only produce a linear force that optimizes leveling, consolidating and finishing, but also self-propels the Screed down the Form.



6' L THRU 18' L SCREED BEAMS

The **MOTOSCREED** uses lightweight, high strength, corrosion-resistant, architectural grade aluminum tube-beams with an optimal sized 6" W flat face that provides the ideal surface area to transmit the vibration that is required to level and smooth-finish the concrete in a single pass – no tracking or pulling.



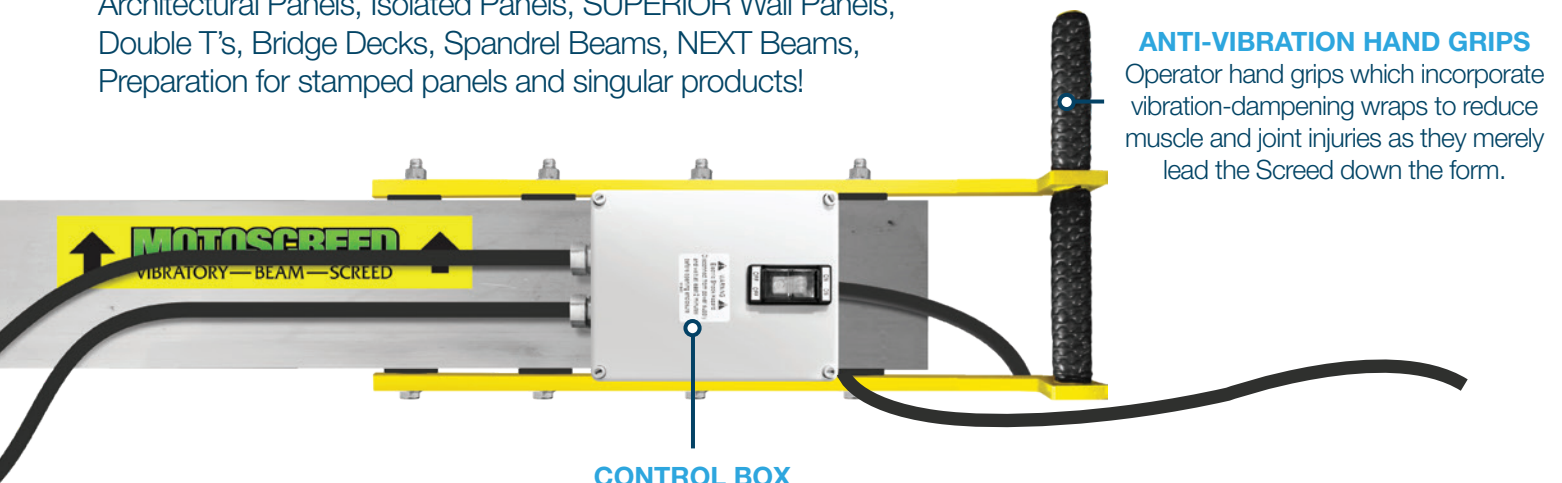
VIBRATORY CONSOLIDATION – NOT VIBRATOR NOISE

Although the dual 115VAC Vibratory Motors operate quietly (less than 70dBa), the synchronized Vibrators operate powerfully and efficiently, producing the amplitude, frequency and centrifugal force required for ideal consolidation and finishing. The Vibrators are activated with a soft-touch ON/OFF switch built into the vibration-isolated control box. The control box can be mounted to either end of the Screed so as to minimize electrical cord clutter.

BENEFITS

- **SELF-PROPELLED** – Traditional screeds require considerable-effort to Push/Pull the unit down the Form. The Motoscreed greatly reduces that effort, allowing Operators to simply guide the Screed down the Form.
- **ADJUSTABLE FORCE VIBRATORS** – Consistent spreading, leveling, surface-finishing, and consolidating concrete is determined by matching the centrifugal force output of the Screed's Vibrators with the concrete's variables (type, mix, slump, etc.). To account for these variables the force settings of the MOTOSCREED motors are adjustable to 10 CF output increments.
- **UNIFORM VIBRATION** – The Vibrators unique mount design provides uniform linear force vibration over the entire length of the Screed to enable more complete and faster leveling and consolidation than traditional vibratory methods.

The **MOTOSCREED** is ideal for use on Flat Slabs, Wall Panels, Architectural Panels, Isolated Panels, SUPERIOR Wall Panels, Double T's, Bridge Decks, Spandrel Beams, NEXT Beams, Preparation for stamped panels and singular products!



ANTI-VIBRATION HAND GRIPS
Operator hand grips which incorporate vibration-dampening wraps to reduce muscle and joint injuries as they merely lead the Screed down the form.

CONTROL BOX

The Control Box is filled with anti-static foam to protect and prevent movement of capacitors, wiring harness, and soft-touch ON/OFF Switch, and is then mounted with vibration-isolators to either the LEFT or RIGHT end of the Screed (Customer choice based on location of power source).



WAM® SILOTOP ZERO7 SILO VENTING FILTER

The SILOTOP ZERO7 is a silo venting dust filter designed to provide industry leading emissions control for pneumatically filled silos. The cylindrically shaped silo top filter is compact and virtually maintenance-free. Airborne dust particles are separated from the air flow using our unique POLYPLEAT® with integrated venturi shafts filter elements and an integrated, auto-reverse air jet cleaning system which drops the collected material back into the silo. The unit is equipped with a hinged cover that is not only weather-tight, but also makes it easy for 1-worker to quickly and safely change filters in minutes – without tools.

WAM HOPPERTOP WEIGH HOPPER VENTING FILTER

The WAM HOPPERTOP is a compact cylindrical venting filter designed for installation on mechanically filled weigh hoppers in concrete batching plants. Its particularly small footprint provides the ideal solution for weigh hoppers for cement and other powdery materials.



WAM WAMFLO FRONT DUST COLLECTORS

WAMFLO Front Dust Collectors are equipped with a cylindrical shaped stainless steel body with flanged connection that contains vertically mounted filter elements. The air jet cleaning system is integrated in the top cover. A top-mounted suction fan creates the negative pressure necessary for de-dusting. The modular system combines the maximum safety of a flanged body connection with the variety of options in terms of type of filter media and filtering elements with the unique integrated pneumatic cleaning system design.

WAM DRYBATCH R01 DUST COLLECTORS

WAM DRYBATCH R01 Dust Collectors are polygonal shaped dust collectors with horizontally mounted filter elements that are specially designed for dust collection from the truck mixer inlet zone in dry batch plants during filling of the truck mixer. The DRYBATCH can be installed as a stand-up unit on the ground next to the truck mixer port, or on top of a cement weigh hopper.





WAM® VM PINCH VALVES

The VM Pinch Valve is a full bore, normally open, control valve used to regulate the flow of powders, granules, fibers, dense mixtures or liquids in pneumatic conveying systems and other pipelines. When used as a safety shut-off valve on silo fill pipes, if excess pressure builds inside the silo or if the silo over-fills, the Valve is instantly and completely "pinched" closed to prevent any further filling or over-pressurization. VM Pinch Valves are compact, low weight, and require little maintenance.

WAM VL SLIDE VALVES

WAM VL Slide Valves are used to shut-off the outlets of silos containing cement and other powdery materials. Usually kept open during regular operation and even after work shutdown, they need to be perfectly functional for outlet cone closure when maintenance is performed on any of the downstream equipment. VL Slide Valves can be fitted to any hopper or silo outlet, to the inlets and outlets of mechanical conveyors, and to the inlet of telescopic loading spouts.

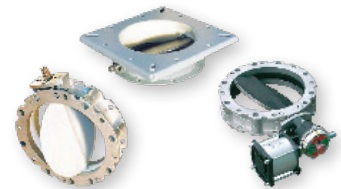


WAM VCP SPRING-LOADED PRESSURE RELIEF VALVES

The WAM VCP Pressure Relief Valve is used to limit or control either an excess pressure or negative pressure imbalance when filling or emptying a silo. When preset pressure limits are exceeded, the spring-loaded lid is pushed up, so that excess pressure can escape or outside air can enter to bring internal/external pressure back into balance; then the pressure lid moves back into the "closed" position. VCP Pressure Relief Valves consist of a cylindrical housing with a bottom flange that is bolted to a flange ring, which can be welded to the silo roof.

WAM V2FF & VFS BUTTERFLY VALVES

WAM Butterfly Valves are used to effectively close bins, hoppers and silos containing cement or similar materials. Material flow is intercepted by activating a manual lever, or a pneumatic or electric actuator which turns the valve disc 90°, hermetically closing the valve. They are used in concrete batch plants where interception of gravity-fed cement or other powdery materials is required, and can be fitted beneath hoppers, bins, or silos.



BINMASTER® MAXIMA+ **ROTARY LEVEL INDICATOR**

The MAXIMA+ is our most advanced rotary level indicator featuring a complete fail-safe system that alerts to the loss of power, failure of motor, or failure of electronics — making it the best choice for concrete applications where it is essential that the level indicator operate reliably and that the User know the unit's status. Notification occurs when the paddle stops rotating and is in a covered condition, and alerts again when the paddle begins to rotate as the bin is emptied and the paddle is uncovered.



BINMASTER NCR-80 LEVEL SENSOR

The BinMaster NCR-80 LEVEL SENSOR is a non-contact radar level sensor designed specifically for superior performance in powders and bulk solids. Its advanced technology uses an 80 GHz frequency focused in a narrow 4° beam angle. This ensures reliable performance at measuring ranges up to 393 feet and accuracy within 0.2 inches. The NCR-80 is ideal for continuous level measurement in tall and narrow vessels where there is excessive noise or dust. Reliable level measurement. 80 GHz of power.

BINMASTER GUIDED WAVE RADAR (GWR)

Radar is commonly used to continuously measure the level of powders, granules, solids or liquids in a vessel. The GWR-1000 Guided Wave Radar utilizes proven time domain reflectometry (TDR) to measure the distance to material by sending a low power microwave signal along a cable and calculating the level based upon the time of signal flight.



BINMASTER SMARTBOB INVENTORY MANAGEMENT

The SMARTBOB is a highly reliable and accurate inventory management system for monitoring powders and bulk solids for one, or an entire network of bins, tanks, and silos. Mounted on the top of the bin, a weighted cable drops to the material surface to take a precise measurement and then sends measurement data to the console's eBOB PC-based software, or directly to a Programmable Logic Controller (PLC).

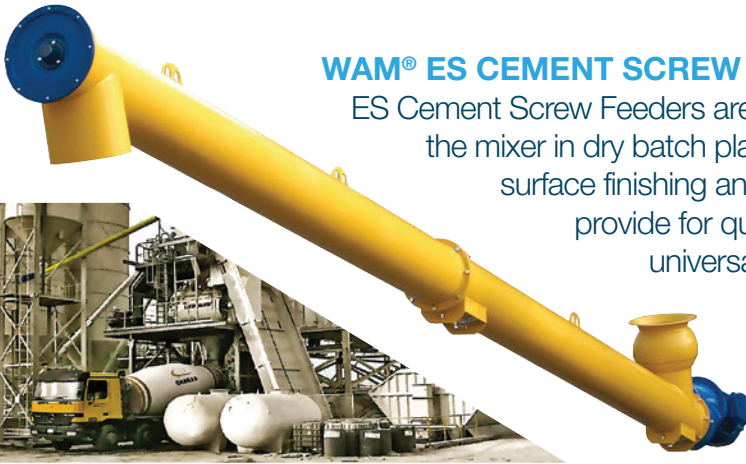


SCREW CONVEYORS & FEEDERS



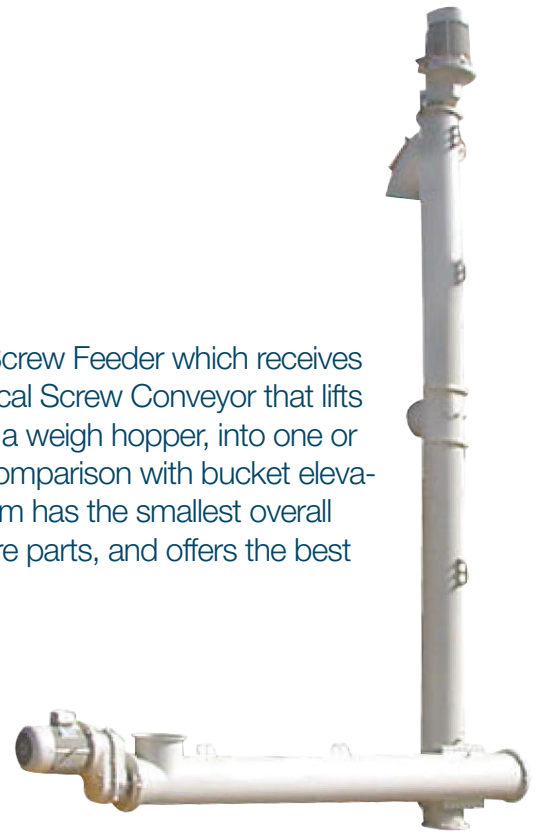
WAM® ES CEMENT SCREW FEEDERS

ES Cement Screw Feeders are used for feeding from the weigh hopper outlet into the mixer in dry batch plants. Manufactured in carbon steel with a suitable surface finishing and powder coating, they are extremely durable and provide for quick, versatile installation due to innovative ball-jointed universal inlets and outlets.



WAM VE VERTICAL SCREW LIFT SYSTEM

The VE Vertical Screw Lift System consists of two units: a Horizontal Screw Feeder which receives material from a silo, hopper, or another feeder or conveyor, and a Vertical Screw Conveyor that lifts the material to the required level. Material can then be discharged into a weigh hopper, into one or more bins or silos, or into another conveyor or conveying system. In comparison with bucket elevators or pneumatic conveying systems, the VE Vertical Screw Lift System has the smallest overall dimensions, is easier to maintain, requires the smallest number of spare parts, and offers the best price-performance ratio.



WAM TU MICROSILICA SCREW FEEDERS

TU Tubular Screw Feeders are highly versatile and offer a variety of standard solutions for handling powdery materials. To feed micro silica from a silo into a separate weigh hopper, the TU Screw Feeder can be installed at a very low angle. These Feeders are very durable under extreme conditions.



LIGHTWEIGHT HARD HATS & BUMP CAPS

It's finally here — comfortable industrial and construction head protection. For too long, workers have had to suffer with heavy, hot, and uncomfortable hardhats and bump caps — but those days are over! The CENTURION Line of General Purpose Hardhats, Specialized Hardhats, Baseball Bump Caps, and Face and Hearing Protection Accessories are known throughout the world for their comfort and style. All CENTURION Hardhats and Bump Caps can be supplied with Logo and Slogan Badging, and in a wide range of colors for job classification or company identity.



CENTURION SAFETY® HARDHATS

CENTURION Hardhats from AIRMATIC provide the lightest weight, most comfortable line of PPE head protection and accessories available. With an industry leading section of styles, colors, and logo imprint areas, we're sure we've got the hardhat you've been looking for.

Our Product Line includes:

- The SPECTRUM™ Helmet Series — The revolutionary hardhat with integrated safety glasses
- The CONCEPT™ Helmet Series — The lightweight, comfortable hardhat.
- The VISION™ Helmet Series — The hardhat with an integrated visor.
- The S22 High-Temp Helmet — The high-temp hardhat that offers both protection and comfort.
- The REFLEX PLUS™ Helmet Series — The next generation, two-tone hardhat with High-Visibility Ventilation System.

CENTURION® BASEBALL BUMP CAPS

CENTURION offers industry's most comfortable, safe and stylish Baseball Bump Caps to protect wearers against minor bumps, bruises, and lacerations. While a bump cap is not a safety helmet, nor is it suitable for sporting event equipment, our Baseball Bump Cap is very suitable for workers in a variety of industrial sectors.

Our Product Line includes:

- The CLASSIC Baseball Bump Cap Series — The original, comfortable and attractive bump cap.
- The AIRPRO™ Baseball Bump Cap Series — Better breathability and more comfort.
- The COOLCAP™ Baseball Bump Cap Series — Maximum ventilation and more comfort.

Face & Hearing Protection Accessories also available for both Hardhats and Bump Caps.

AUTOMATIC LUBRICATION SYSTEMS



AUTOMATIC LUBRICATION SYSTEMS FROM ATS

All ATS Automatic Lubricators (“Auto-Lubers”) operate on the principle that automatic and consistent lubrication over long intervals is superior to occasional, manual lubrication. Automatic lubrication keeps constant pressure and positive lubrication on the bearing point, which keeps moisture and other contaminants out of the bearing, while at the same time delivering only the precise amount of lubricant needed.

ELECTRO-LUBER™ GAS-DRIVEN DISPENSERS

The ELECTRO-LUBER Gas-Driven Automatic Lubricator uses an electro-chemical reactor cell which converts electrical energy into safe, inert nitrogen gas. The gas is trapped in a hermetically sealed, bellows-type gas chamber. As the gas is produced, an internal pressure builds up in the bellows and is applied against a piston that then forces the lubricant out of the cylinder and into the point of lubrication.



ULTIMATE LUBER™ MOTOR-DRIVEN DISPENSERS

The most powerful lubricator on the market, the ULTIMATE LUBER is a motor-driven automatic lubricator which is refillable using standard grease guns. Its microprocessor-controlled, energy efficient motor delivers grease to a fixed displacement pump which produces pressures up to 900-PSI. This strength allows the ULTIMATE LUBER to drive lubricant through long feed lines and to cycle progressive distributors to feed several bearings consecutively.



TITAN CL LUBER™ MOTOR-DRIVEN DISPENSERS

The TITAN CL LUBER is a powerful, motor-driven automatic lubricator which is built on the proven ULTIMATE LUBER technology. It is refillable by simply

replacing a standard grease cartridge. Its microprocessor-controlled, energy efficient motor delivers grease to a fixed displacement pump which produces pressures up to 900-PSI. This strength allows the TITAN CL to drive lubricant through long feed lines and to cycle progressive lubricant distributors to feed several bearings consecutively.



JACK LUBER JACKSCREW MOTOR-DRIVEN DISPENSERS

The JACK LUBER is the most versatile automatic lubricator available. It has a replaceable, one-time-use cartridge that changes out in just seconds. The drive unit for the JACK LUBER is pure, ultimate power, and runs off an ATS battery pack or with a direct AC/DC adaptor. Producing over 200-PSI, the JACK LUBER is tough, reliable, and easy to work with, saving you time and money.



AIRMATIC

airmatic.com | 215.333.5600 | infocenter@airmatic.com



AIRMATIC founded in 1944, is a woman-owned Industrial Distributor, with installation and maintenance capabilities, offering equipment, machinery, and shop supplies to the Industrial, Construction, Utility, Government, and Commercial Markets. Our products and services are sold through three business units:

The **MATERIALS MANAGEMENT GROUP** provides products and services to industries that convey, store, transport, and process powders and bulk solids from aggregates, cement, and chemicals to foods, grains, metals, power generation, and waste water treatment applications;

The **SERVICE GROUP** provides fabrication, installation, and maintenance services to improve bulk materials handling efficiency; mechanical clean-out services for silos and hoppers to eliminate material flow problems; and shop repair/rebuilding and modifications services of products sold by the Company.

The **TOOL GROUP** provides power tools, personal protective equipment, materials-handling equipment, shop equipment and MRO supplies used for production, fabrication, assembly, metal removal, maintenance, and storage in manufacturing, construction, utility, and commercial applications.

Our Customers tell us that by choosing AIRMATIC to solve their problems, they gain increased productivity, decreased costs, and a safer, cleaner work environment.

AIRMATIC

284 Three Tun Rd. Malvern, PA 19355
215.333.5600
infocenter@airmatic.com
airmatic.com