DRIVING TECHNOLOGY FORWARD

New Innovations for 2019

SAFE FLEET
YOUR SAFETY. OUR MISSION.

ELKHART BRASS
Pioneering integrated solutions for your safety on the fireground.

CobraMax

Meet the newest member to the monitor lineup - CobraMax! Delivering the same industry leading performance as the Cobra but in a new robust package. In addition to added protection, the customizable shroud lets you make it your own. Available in red, gray, or black color options and numerous LED light options, customize the CobraMax with a department logo to fit your apparatus design.

Features/Benefits

- Sleek covers provide the highest level of environmental protection.
- LED inserts can be personalized to your department
- Select from red, gray, or black to match your apparatus paint scheme

Planned Production Timing: September, 2019
EXM2 Monitor and Controllers

Elkhart Brass is proud to introduce the new EXM2 series of monitors and controls! Based on your feedback, the best got better by incorporating a new keypad, additional features and options along with the latest in communication technology. Our joysticks, panel mount and remote monitor controls have never been easier to use. Now with secure WiFi connectivity, the EXM2 includes an integrated WiFi server within the monitor module. This provides secure access to the EXM2 browser page for simple, intuitive configuration of the monitor and controllers when required such as setting travel limits, and retrieving diagnostic information, all from a tablet or laptop. With integrated CANbus network communication protocol, panel mount and joystick controllers are easily connected directly to the monitor.

Panel Mount Control - Additional features include dedicated stow/deploy and power buttons. New keypad buttons improve user feel and tactile feedback.

Wireless Handheld/Gateway – Comes pre-configured from the factory. The Handheld communicates via RF to the Gateway, simply connect the Gateway module to the monitor via CANbus and system is ready to go. Same button/keypad updates as panel mount. New docking station utilizes an induction charging system (no batteries to replace). User friendly loading/unloading from docking station can be made with one hand.

Joystick – Updated design with integrated CANbus output no longer requires an external OEM module

Planned Production Timing: July, 2019

BrushHawk Monitor

With a small swing radius and low stow height, the BrushHawk is the most compact monitor in its class. Perfect for limited bumper space on brush and wildland trucks while also improving field of vision. Utilizing CANbus control, the BrushHawk comes with an intuitive joystick controller that provides monitor controls for up/down/left/right and nozzle fog/stream controls. The joystick also includes on/off and trigger control when selecting the optional valve kit. The joystick provides the operator with monitor up/down/left/right control, fog/stream mode, as well as a valve open/close switch and a trigger control. No intermediate junction box is required between the joystick and monitor, streamlining installation and space requirements.

Features/Benefits

- 1.5" (300 gpm/1200 lpm) or 2.0" (500 gpm/2000 lpm) inlet option
- Adjustable vertical and horizontal electronic stops
- CANbus Control integration including valve
- Pair with a 5000 series nozzle for low/ mid/ high flow options

Technical Specifications

- Inlet: 1.5" FNPT
- Outlet: 1.5" MNHT
- Vertical travel: -45°/+90° or -45°/+45°
- Horizontal: Left 175°/Right175° or Left 90°/Right 90°
- Swing radius: 6.9" (175 mm)
- Stow height: 11.3" (287 mm)

Model: 8495 Hawk Monitor PN: 08495001

Planned Production Timing: July, 2019
APEX Valve Controller

Introducing APEX, the most technologically advanced electric valve controller in the industry. The sleek and compact controller utilizes 3.5” (89 mm) LCD screen and is fully customizable depending on the specific application. The space saving design and large tactile keypad buttons make it extremely easy and intuitive to operate. Each control head offers color coding, discharge description, pressure scale range, and daytime/nighttime screen modes that deliver crisp high resolution graphics readable in any environment. Available in three custom models offering: valve position, valve position and pressure readout and valve position, pressure and flow displays.

A fourth option is the APEX-S, a condensed version offering open/close and preset functions in a compact controller with 10-segment position indicating LEDs instead of the LCD screen. One version of the valve actuator simplifies the ordering process.

Features/Benefits

- Simple push button operation via custom key pad
- System information delivered on a large, impact resistant 3.5” (89 mm) ultra-high resolution LCD screen
- Space-saving design
- Interfaces with Unibody valves
- Customizable visor color, screen ribbon, and text to match color and name of discharge
- User selectable pressure scale – 0-400 psi (0-25 bar and 0-2500 kPa) 0-600 psi (0-40 and 0-4000 kPa)
- Units of measure in psi, bar, kPa, gpm and lpm
- Intuitive MENU feature for setup, calibration, and diagnostics
- Pressure gauge displays like an analog gauge instead of digital numbers
- User definable daytime/nighttime screen backgrounds for easier readability in all levels of ambient lighting

Technical Specifications

- 3.75” (95 mm) wide
- IP67 rating
- 12/24V DC
- CANbus network compatible

Model: APEX-S PN: 08899184
APEX Model 100 - Valve Positioning PN: 08899185
APEX Model 200 - Valve Positioning and Pressure Reading PN: 08899186
APEX Model 300 - Valve Positioning, Pressure Reading, Flow Reading PN: 08899187
APEX E14X Electric Actuator – APEX only PN: 08899261
Model: E16X Electric Actuator – APEX only for EB6D butterfly valve PN: 08899262

Planned Production Timing (All Other Models): Accepting and Shipping Orders Now

Planned Production Timing (APEX-S): July, 2019
XD Color Bumpers

Ideal for color-coding your smooth bore tips by application and/or tip size, this very rugged Santoprene material offers excellent tip protection and high visibility. Available in 12 different colors, these colored bumpers add a whole new level of customization options.

**Technical Specifications**
Available on Model 187-XD and 188-XD smooth bore tips at NO CHARGE when ordering a new tip

**Available Colors:**
- Glow
- Black
- Red
- Gray
- Green
- Yellow
- Blue
- Orange
- Tan
- Pink
- Purple
- White

**Planned Production Timing:** Accepting and Shipping Orders Now

Standpipe Bag Strap Improvement

Based on your feedback, we have improved the design of the carrying strap for the Elkhart Brass Standpipe Bag. The new carrying strap will be made of the same seat belt material as the current bag handles. It will feature several adjustment points as well as a seat belt buckle for quick release. It will still be attached by two carabiners and can be retro-fitted to any existing bag. This is a running change that will become standard.

**Bag Only PN:** 16818001

**Standpipe Kit PN:** 80035001

**Replacement Strap Only PN:** 16818000RS

**Planned Production Timing:** Accepting and Shipping Orders Now
**XD Flowmeter**

The EB-500-XD portable flowmeter changes the game when it comes to accurate and effective flow testing. The flow tube, paddlewheel, digital readout, and battery are self-contained into a single unit making it the most compact and portable flowmeter on the market. Featuring a unique internal waterway shape ensures laminar flow for consistent accurate readings up to 500 gpm / 2000 lpm. The flow pickup is a paddlewheel design positioned further into the middle of the waterway resulting in precise flow readings. The field programmable unit contains an internal rechargeable battery with visible low power/fully charged status lights. Also included is a resettable totalizer function providing the amount of water flowed.

**Features/Benefits**

- Single self-contained unit as opposed to multi-component designs for increased portability and convenience
- Unique internal waterway shape ensures laminar flow and accurate readings up to 500 gpm/2000 lpm
- Carrying handle and Hard Case for storage
- Contains internal rechargeable battery with status lights with battery life up to 8 hours
- Totalizer function lets you know the total amount of water flowed
- Simple field calibration procedure when required

**Technical Specifications**

- 2.5” female swivel inlet x 2.5” male outlet
- ¼” NPT pressure gauge port located on body
- NEMA 4 waterproof rating
- 16.375” (416 mm) long
- 8.4 lbs (3.8 kg)

**Model:** EB-500-XD, Flowmeter only PN: 0052XD01

**Planned Production Timing:** Accepting and Shipping Orders Now

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**NFPA 1962 Flow Test Kit**

The Elkhart Brass Flow Test Kit includes all essential components needed to accurately determine fire flows, friction losses, and pump discharge pressures. It is necessary equipment for conducting your NFPA 1962 flow test of nozzles, hose, and appliances, as well as comprehensive hose and nozzle training.

**Kit Includes:**

- One EB-500-XD Portable Flowmeter
- One Digital Handheld Pitot Gauge
- Three Model 228A 1.5” Line Gauges
- Three Model 228A 2.5” Line Gauges
- One Carrying Case

**Model:** EB-500-XD-FTK, Flowmeter with Test Kit PN: 0052XD21

**Planned Production Timing:** Accepting and Shipping Orders Now

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**Digital Handheld Pitot Gauge**

The Elkhart Brass digital pitot gauge is ideal for determining nozzle pressure for smooth bore tips. The unique digital readout gives precision readings.

**Includes:**

- Digital Handheld Pitot Gauge
- Carrying Case

**Digital Pitot Gauge PN:** 39145000

**Planned Production Timing:** Accepting and Shipping Orders Now
**Phantom XD**

The Phantom XD takes the industry standard for selectable flow handline nozzles to a whole new level. It offers a wide variety of flow selections and is built like no other nozzle for Xtreme Duty, or XD. The Phantom XD is the only selectable flow handline nozzle that offers a forged shutoff body and forged metal bale handle for maximum strength. It also includes a full round metal ball for the best stream performance. Your choice of fixed molded urethane or spinning stainless steel metal teeth that don’t break. All indicators and markings are laser etched, with no labels to peel off or scratch. Ergonomic grip inserts help with handling and can also be color coded. Its durability and efficiency ensure an embedded level of safety for you and your crew, fire after fire.

**Features/Benefits**

- Flow ring with large lugs for selecting the appropriate flow rate.
- Mid and High Range models available with 75 or 100 psi operating pressure
- Forged aluminum shutoff body and bale handle
- Laser etched markings
- Dual-drive shutoff with full round metal ball
- Spinning stainless steel or fixed molded urethane teeth
- Color coded bumper along with bale handle & pistol grip inserts

**Technical Specifications**

**Low Range:**

- **Flow Rates:** 30 / 60 / 95 / 125 gpm @ 100 psi
- **Length:** 10.8”
- **Weight:**
  - 4.5 lbs (with Pistol Grip)
  - 4.1 lbs (without Pistol Grip)

**Mid Range:**

- **Flow Rates:** 30 / 95 / 125 / 150 / 175 / 200 gpm @ 100 psi -OR- 75 psi
- **Length:** 11.3”
- **Weight:**
  - 5.3 lbs (with Pistol Grip)
  - 4.9 lbs (without Pistol Grip)

**High Range:**

- **Flow Rates:** 125 /150 / 200 / 250 gpm @ 100 psi -OR- 75 psi
- **Length:** 13.6”
- **Weight:**
  - 7.1 lbs (with Pistol Grip)
  - 6.7 lbs (without Pistol Grip)

**Planned Production Timing (Low Range Phantom):** August, 2019

**Planned Production Timing (Mid & High Range Phantom):** July, 2019
1" Chief XD & 1" Select-O-Matic XD

XD handline nozzles takes the industry standard for handline nozzles to a whole new level. A wide variety of flow selections are available and it’s built like no other - for Xtreme Duty or XD. XD series of handline nozzles offers industry exclusive forged shutoff body and forged metal bale handle for maximum strength. It also includes a full round metal ball for the best stream performance. Your choice of fixed molded urethane or spinning stainless steel metal teeth that don’t break. All indicators and markings are laser etched, with no labels to peel off or scratch. Ergonomic grip inserts help with handling and can also be color coded. Its durability and efficiency ensure an embedded level of safety for you and your crew, fire after fire.

Features/Benefits
- Forged aluminum shutoff body and bale handle
- Laser etched markings
- Dual drive shutoff with full round metal ball
- Spinning stainless steel or fixed molded urethane teeth
- Color coded bumper along with bale handle & pistol grip inserts

Technical Specifications

Low Range Chief XD:
Flow Rates: 60 gpm @ 100 psi
95 gpm @ 100 psi
125 gpm @ 100 psi
75 gpm @ 100 psi
125 gpm @ 75 psi
150 gpm @ 100 psi
Length: 9.7"
Weight: 3.9 lbs (with Pistol Grip)
3.5 lbs (without Pistol Grip)

Low Range Select-O-Matic XD:
Flow Rates: 60-125 gpm @ 100 psi
Length: 10.8"
Weight: 4.5 lbs (with Pistol Grip)
4.1 lbs (without Pistol Grip)

Planned Production Timing: August, 2019

Bent Overhaul Tip

Elkhart Brass is pleased to announce the release of the Bent Overhaul Tip. It is a pocket size ½” orifice 90 degree “bent tip” designed to flow 50 gpm @ 50 psi. Ideal for extinguishing pockets of fire in void spaces, shafts, and attics. Originally imagined by FDNY Chief George Bauer of the 16th Battalion and made by Iowa American in the early 90’s, dubbed the “Bauer Bent Tip”, this tip has been recreated with valuable current end user input thru field testing. It fits any ST-185-XD FDNY Stack Tip.

Features/Benefits
- Small and compact-ideal for carrying in a turnout gear pocket
- Flows 50 gpm @ 50 psi
- Creates a powerful penetrating low flow stream ideal for overhaul operations

Technical Specifications
- ½” discharge size, flowing 50 gpm @ 50 psi
- Threaded inlet fits any ST-185-XD FDNY Stack Tip outlet
- Made of lightweight cast aluminum

Model: BOT-XD PN: 66571007

Planned Production Timing: Accepting and Shipping Orders Now
XD Washdown Kit

The XD Washdown Kit is ideal for post-fire clean up to rinse off equipment, hand tools, dirty fire hose, and contaminated turnout gear. It includes an XD Washdown Nozzle, 50’ of 5/8” garden hose, a Model 104-A 1.5” to GHT swivel hose reducer, and a rugged carrying bag to fit everything in. As less apparatus are being equipped with hose reels, this serves as a high-quality alternative for post-fire clean up and is built to last for Xtreme Duty use.

Features/Benefits

- Lightweight aluminum construction with stainless steel and brass components.
- Operated via trigger controlled variable spray pattern that instantly shuts off when trigger is released.
- Nozzle is equipped with an insulated rubber cover with red direction arrows ready to withstand the harshest use.
- Garden hose rated 300 psi with brass couplings
- Swivel bell reducer simplifies attachment - no hose twisting
- Includes rugged carrying bag with durable seat belt handles and vents to aid in drying.

Technical Specifications

- XD Washdown Nozzle has a rated flow of 7 gpm @ 100 psi.
- 50’ x 5/8” Garden Hose rated for pressures up to 300 psi and equipped with brass couplings
- Model 104A swivel bell reducer has a 1.5” female swivel inlet X Garden Hose Thread (GHT) outlet

PN: 00335001 (1.5 NH)  
00335101 (1.5 NPSH)  
00335L01 (1.5 Misc.)

Washdown Nozzle Alone PN: 81874001

Planned Production Timing: Accepting and Shipping Orders Now

XD Foam Tube

Designed for use when greater foam expansion rates are needed, the XD Foam Tube is an ideal accessory for any XD handline fog nozzle. The tube is an aluminum and composite design combining maximum durability in a lightweight package. Featuring an internal Hydroverter screen which optimizes the finished foam by increasing agitation and large air inlets. The tube is secured by a single locking lever for quick and easy attachment/removal.

Features/Benefits

- Large air inlets add more air to the foam solution achieving greater expansion rates
- Built-in Hydroverter screen assists with solution agitation, optimizing finished foam
- Composite tube design results in considerable weight reduction
- Lightweight aluminum attachment base with large single locking lever for easy attachment and detachment
- Compatible with the XD handline fog nozzle series

Technical Specifications

**Mid Range Foam Tube:**
- 16.09” Overall Length
- 3.6 Lbs

**High Range Foam Tube:**
- 16.77” Overall Length
- 3.8 Lbs.

Model: Mid Range XD Foam Tube PN: 03976301

Model: High Range XD Foam Tube PN: 03976401

Planned Production Timing: Accepting and Shipping Orders Now
UL Nozzle Set
Now available, the latest nozzle to boost your industrial firefighting capabilities in refineries, chemical plants, office complexes and other class “C” onsite applications. These cost effective, all brass, easy-to-use nozzles are available in numerous flow rates to meet your specific requirements. They offer simple to change straight stream or fog patterns and meet the current UL 401 requirements. Capable of combating blazes at 10 feet (3m) or more from live electrical equipment and/or circuits with voltage up to 250,000V.

Features/Benefits
- UL listed to new 401 (2014 edition) standard
- Easy adjustment from straight stream or fog combinations
- Brass construction
- 60 GPM (277 LPM) to 280 GPM (1060 LPM) flow rates @ 100 psi (7 bar)

Planned Production Timing: Accepting and Shipping Orders Now

HF Nozzle
The HF13 self-educing Hydro-Foam® nozzle series incorporates the high quality design, reliability and flexibility required for deploying foam solution in industrial fire applications. The HF13-750 and HF13-1000 offer 1% and 3% foam proportioning options, suitable for fresh or seawater applications in corrosive and non-corrosive environments. The addition of the technologically advanced HF13-750 and HF13-1000 Hydro-Foam® nozzles to our industrial product portfolio proudly affirms Elkhart Brass’ history of being on the forefront of industrial fire protection and firefighting technology. The HF13 Hydro-Foam® nozzle series used in conjunction with Elkhart Brass monitors provides the industry the most cost efficient and reliable solution to foam deployment systems in its class.

Features/Benefits
- Compatible with all AFFF foams
- 200 psi (14 bar) maximum rated pressure
- 1% and 3% selectable foam proportioning
- 750 GPM (3000 lpm) and 1000 GPM (4000 lpm) flow rate options
- Up to 212 feet (65 m) stream reach @ 100 psi (7 bar)
- Field adjustable selection of foam proportion - 1% or 3%
- Brass construction provides outstanding corrosion resistance

Technical Specifications

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<tr>
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<th>HF13-750</th>
<th>HF13-1000</th>
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<td>Max. Flow Rate:</td>
<td>750 GPM (3000 LPM)</td>
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<tr>
<td>Max. Pressure:</td>
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<td>Foam Proportioning:</td>
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<tr>
<td>Weight:</td>
<td>26 Lbs. (11.8 kg)</td>
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Planned Production Timing: Accepting and Shipping Orders Now
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