



# **BAIRD ANALYST DAY**

**November 7, 2016** 

- Mike Yates, Interim CFO & Chief Accounting Officer
- Andrew Silvernail, Chairman and CEO
- Eric Ashleman, Sr. VP and Chief Operating Officer
- Marc Uleman, Group President, IDEX Sealing Solutions







# **Andrew Silvernail, Chairman & CEO**

### **IDEX Corporation Overview**

**\$2 BILLION SUPPLIER** of highly engineered industrial and technology solutions for mission critical niches

Global strategy to build defensible, differentiated positions in niche GROWTH BUSINESSES that are enabled by OUTSTANDING TEAMS

Our objective is to provide consistent DOUBLE DIGIT EARNINGS GROWTH and STRONG CASH FLOW with SUPERIOR RETURN on invested capital











### **Global Footprint**





## **IDEX At A Glance**

	FLUID & METERING TECHNOLOGY	HEALTH & SCIENCE TECHNOLOGY	FIRE & SAFETY / DIVERSIFIED
2015 REVENUE	\$861	\$739	\$424
% OF TOTAL	43%	36%	21%
2015 OPERATING MARGIN*	25%	22%	27%
2015 EBITDA MARGIN*	28%	28%	29%
BUSINESS PLATFORMS	Industrial Water Energy Agriculture Valves	Scientific Fluidics Optics & Photonics Material Processing Sealing Solutions Industrial	Dispensing BAND–IT Fire Suppression Rescue
			Class 1 Class Company Class 1 Class

#### \* Adjusted



### **Timeline: Strategic Evolution**

2000 – 2011	2011–2016 <sup>2</sup>	2016–2021 <sup>°</sup>
<ul> <li>Globalization</li> <li>Professionalized management</li> <li>Portfolio transition</li> </ul>	<ul> <li>Vision &amp; Values</li> <li>Talent &amp; team development</li> <li>Formalized IDEX Operating Model</li> <li>Organic performance</li> <li>Disciplined capital &amp; resource deployment</li> </ul>	<ul> <li>Competitive scale</li> <li>Superior niche businesses</li> <li>Leadership</li> <li>Portfolio mgmt.</li> <li>Disciplined capital deployment</li> </ul>
VS. S&P 500 64 <sup>th</sup> Percentile	VS. S&P 500 79 <sup>th</sup> Percentile	VS. S&P 500 >75 <sup>th</sup> Percentile
1 Janua	rv 1 2000–August 10 2011	

- 1. January 1 2000–August 10 2011
- 2. August 10 2011-September 30 2016
- 3. September 30 2016–Forward





# Trusted Solutions, Improving Lives™





Consistent double-digit earnings growth and superior returns...

...by delivering highly engineered applications that solve mission critical problems within superior niche markets. NOIS

We empower engaged, outstanding teams who leverage our **Operating Model** and deploy capital with **discipline**.



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### 2017–2019 Strategy

#### STRATEGIC PRIORITIES



Accelerate organic performance in "Integrated Growth" "Targeted Growth" businesses

*Improve positioning and profit profile* of underperforming businesses

3

2)

**Build Business Segments** in Fluids, Health & Science, Safety, and Engineered Fastening *through M&A*  PERFORMANCE OBJECTIVES



Top Quartile Total Shareholder Return

#### STRATEGIC CAPABILITIES

Portfolio Mgmt: Leadership in Attractive Niche Markets Great Teams: Living IDEX Values & Operating Model

Disciplined Capital Deployment

M&A: Idea to Integration



### **Portfolio Update – Progress Report**

Portfolio	2015 % of Rev.	2016 Actions	2016 % of Rev.	Status
Integrated Growth	26%	<ul><li>Acquired Akron &amp; AWG</li><li>Healthy innovation pipeline</li></ul>	32%	
Targeted Growth	39%	<ul> <li>Industrial/Energy macro headwinds</li> <li>Expanding margin &gt;100 bps</li> <li>Acquired SFC Koenig</li> </ul>	41%	<b>(3)</b>
Outperform	8%	<ul><li>Core organic growth improvement</li><li>Sustained high margins</li></ul>	7 %	
Fix	27%	<ul> <li>Margins up &gt; 300 bps</li> <li>Divested 3 non–strategic BU's</li> </ul>	20%	
Emerging Markets		<ul><li>Strong India performance</li><li>Opening new shared mfg. facility in China</li></ul>		<b></b>

#### Heavy Focus on Targeted Growth & China



### **Five Year M&A Strategic Focus**

#### FLUID TECHNOLOGIES \$20B Market



#### SAFETY \$3.0B Market

#### HEALTH & SCIENCE \$2.5B Market



#### ENGINEERED FASTENERS & CONNECTORS \$3.0B Market





#### Significant opportunities to continue to expand via M&A in our core niche markets



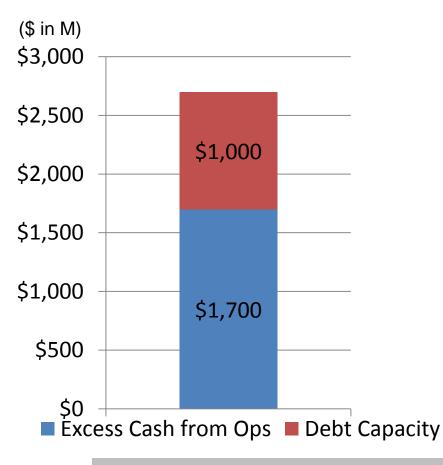
#### **M&A Implementation Plan**



#### Multi-pronged approach to developing and executing on M&A pipeline







#### **Key Assumptions**

- Organic rev growth of 2–4%, total rev growth of 8–10% per annum
- 5 Year Total EBITDA: \$3,900M
- Operating Cap Ex & W/C: (\$420M)
- Taxes: (\$760M)
- Dividends: (\$720M)
- Interest: (\$300M)
- Debt Capacity: \$1,000M @ 2.0–2.5x gross leverage

#### \$2.7 billion of capital availability over five years; \$500 – \$550M available annually for M&A or share repurchase



**IDEX Summary** 

OBJECTIVES: Double-digit EPS CAGR, strong CASH CONVERSION and SUPERIOR RETURNS

**STRATEGIC POSITIONING** in highly engineered, mission critical niches

**OUTSTANDING TEAMS** who deliver with our Values and Operating Model

Strong balance sheet, cash flow and capital deployment to MAXIMIZE TSR





CREATING VALUE

FOR SHAREHOLDERS





# **Fire & Rescue Platform**

#### **Fire & Rescue Overview**



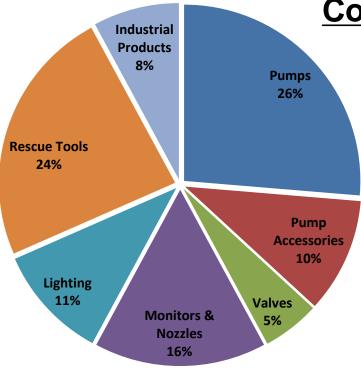




#### **IDEX Fire & Rescue:**

- Deployed \$275M of capital with Akron Brass and AWG
- Leading position within \$1.4B product available market of pumps, water distribution, electronics, and rescue tools
- Serves stable markets that perform
   well over the long term
- The most complete offering of products to help rescue personnel do the mission critical aspects of the job
- Superior global penetration with more room to grow

### **Platform Overview**



# **Competitive Advantage Via Scale**

- 1200 employees
- 330 technical and commercial specialists
- Efficient production & sourcing
- IDEX balance sheet

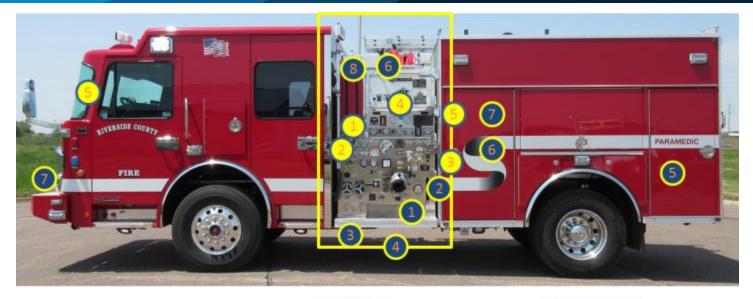
#### We have assembled nearly \$400M of critical scale within Fire & Rescue



# **Fire Suppression Portfolio**

COMPANY	DESCRIPTION	PRODUCTS	FIRE SUPPRESSION SHARE POSITION
Class 1 HALE	<ul> <li>Truck Mounted Pumps</li> <li>Pump Modules</li> <li>Portable Pumps</li> <li>Engine Driven Units</li> <li>Electronics</li> </ul>		#1 Pumps N.A. #1 Modules N.A.
AKRON BRASS COMPANY WELDON A DIVISION OF AKRON BRASS	<ul> <li>Brass foundry</li> <li>Nozzles</li> <li>Monitors</li> <li>Valves</li> <li>Electronics</li> <li>Scene Lighting</li> <li>Vehicle Lighting</li> </ul>		<ul> <li>#1 Nozzles N.A.</li> <li>#1 Monitors N.A.</li> <li>#1 Valves N.A.</li> <li>#1 Multiplexing N.A.</li> <li>#1 Pressure</li> <li>Governor N.A.</li> </ul>
GODIVA©	<ul> <li>Truck Mounted Pumps</li> <li>Portable Pumps</li> <li>Foam</li> <li>CAFS</li> <li>Trailer/Skid Mounted Pumps</li> </ul>		#1 Pumps UK/Europe
AWG	<ul> <li>Nozzles</li> <li>Couplings</li> <li>Fittings</li> <li>Monitors</li> <li>Pump Accessories</li> </ul>		#1 Nozzles Europe #1 Monitors Europe #1 Fittings Europe
Trusted Solutions,			IDEX Proprietary & Confidential

### **Product Breadth – Mobile Mechanical Components**





Vehicle Mounted Pump

Valves

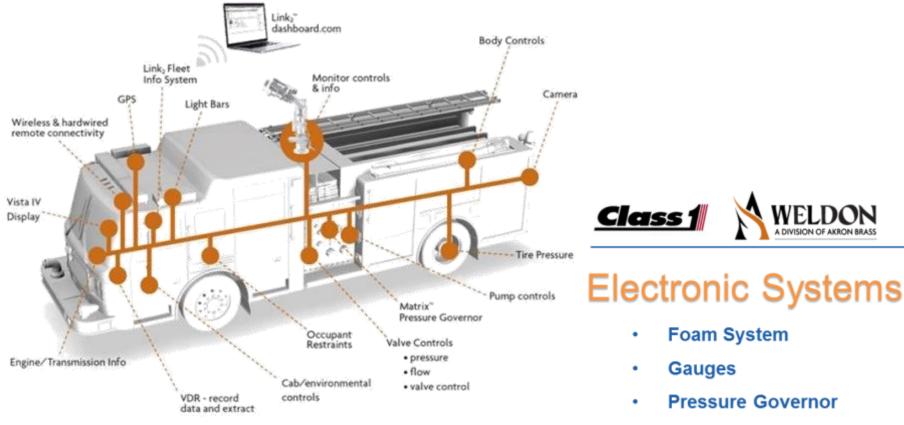
Drains

- **Portable Pumps** 
  - Nozzles ۰
- Monitors
- Plumbing Hand Tools

#### Full coverage of all fire suppression components



### **Portfolio Breadth – Systems & Connectivity**



- Tank Level Gauge
- Display Technology

#### Breakthrough opportunities to innovate and integrate



### **2016 Acquisitions – Integration Update**





- IDEX Operating Model
   8020
  - Lean Enterprise
- Value Drivers
  - Infrastructure
  - Facilities
  - Sourcing
  - Commercial Coverage
  - Technology
- Breakthrough Growth
  - Innovation Pipeline
  - Geographic Expansion



### **Innovation Snapshot – Integration & Automation**

#### Problem

- 69% of firefighters in the US are volunteer ..... Numbers are shrinking fast
- Higher training demands and requirements
- Emergency calls continue to rise

A fire pump operator must perform 30+ actions, decisions and calculations flawlessly during the first 3 minutes of fire scene



Improvina Lives™



### **Innovation Snapshot – Akron Brass UltraJet**

- Providing firefighters the most versatile firefighting nozzle
- Ideal for Water, Foam & CAFS Applications
- **Operates like traditional nozzles**



True Smooth Bore



Narrow Fog



Full NFPA Fog



Flush

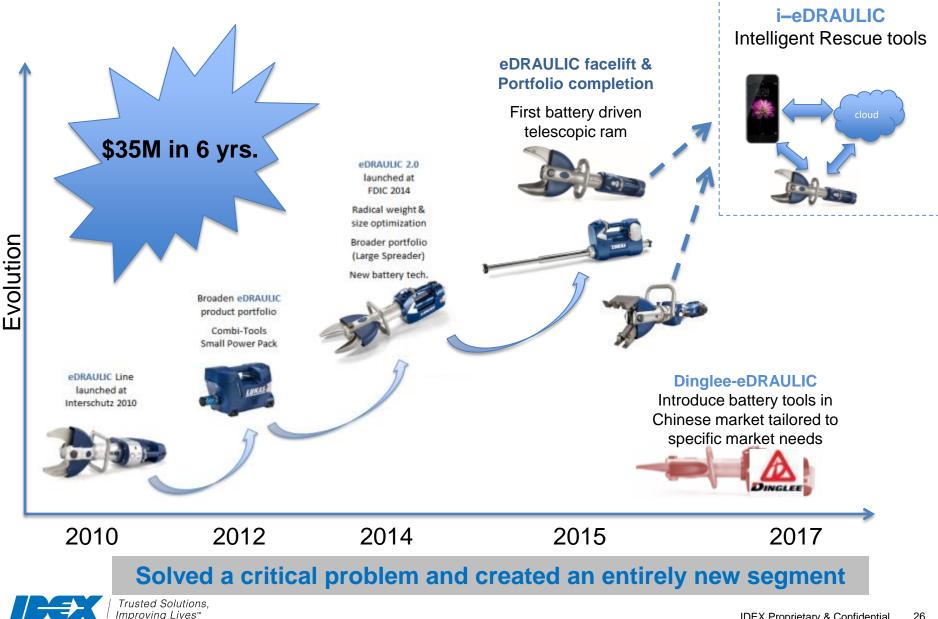


## **Rescue Technologies Platform**

COMPANY	DESCRIPTION	PRODUCTS	SHARE POSITION
LUKAS	<ul> <li>Hydraulic Cutters &amp; Spreaders</li> <li>Battery Technology</li> <li>Portable Power</li> <li>Telescoping Rams</li> <li>Re-railing Equipment</li> <li>Electronics</li> </ul>		#1 Europe #1 China Import
JAWS OF LIFE	<ul> <li>Hydraulic Cutters &amp; Spreaders</li> <li>Battery Technology</li> <li>Portable Power</li> <li>Handheld Rescue</li> <li>Telescoping Rams</li> </ul>		#1 North America
DINGLEE	<ul> <li>Hydraulic Cutters &amp; Spreaders</li> <li>Battery Technology</li> <li>Portable Power</li> </ul>		#1 China
Sener	<ul> <li>Pneumatic Lifting Bags</li> <li>Jumping Cushions</li> </ul>		#1 Global

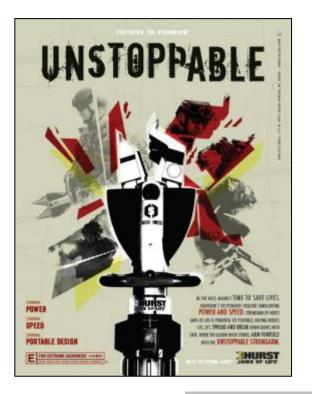


#### **Innovation Snapshot – eDraulic Rescue Tools**



### **Innovation Snapshot – StrongArm Rescue Tool**









- Smaller, hand-held rescue device
- Interchangeable tips
- Targeted Rapid Intervention Teams in Fire markets
- Adjacent market entry for SWAT and specialty law enforcement

**Gaining strong momentum since 2015 introduction** 



### **Global Footprint**



#### **Global footprint touches all major markets**



## **Growth in Emerging Markets**



Vadodara, India



Tianjin, China



#### Suzhou, China (Open 12/16)

#### Developing high—end import markets and local—for—local

- Rising standards of living drive technology adoption
- Full range of technologies to establish specification points
- Disruptive potential of portability and lighter weight

#### Actively moving resources to these regions



### Summary





- Global markets are stable
- IDEX is the global market leader
- Integration driving value quickly
- Growth through innovation, emerging markets penetration, strong execution

#### More room to grow organically and inorganically









#### So much more than a tagline ...







# **Sealing Solutions Platform**

### **IDEX Sealing Solutions at a Glance: 700 employees, 175+ MUS\$**

#### **Precision Polymer Engineering**



High Performance Materials for Critical Applications

SFC Koenig

### **SFC-KOENIG**

The world's leading sealing & control manufacturer SEALING SOLUTIONS

#### FTL Technology

Custom engineered sealing solutions for critical applications

#### Novotema S.p.A



Complex profiles in high performance elastomers for demanding applications



#### **IDEX Sealing Solutions Span a Wide Range of Mission Critical Applications**



Trusted Solutions, Improving Lives<sup>™</sup>

#### **IDEX Journey in Sealing Solutions and Current Global Footprint**



Delivering highly engineered applications that solve mission critical problems within superior niche markets

Precision Polymer Engineering Blackburn, Lancashire, UK

FTL Technology Leeds, Yorkshire, UK

Novotema S.p.A Villongo, Bergamo, Italy PPE LLC Texas Manufacturing Center Brenham, TX, US

SFC Koenig AG Dietikon Switzerland PPE & FTL Manufacturing, R&D and Application Engineering

Novotema S.p.A Manufacturing, Tool Design and Development

- PPE LLC Texas Manufacturing Center

\_\_\_ SFC Koenig AG

Sales Offices

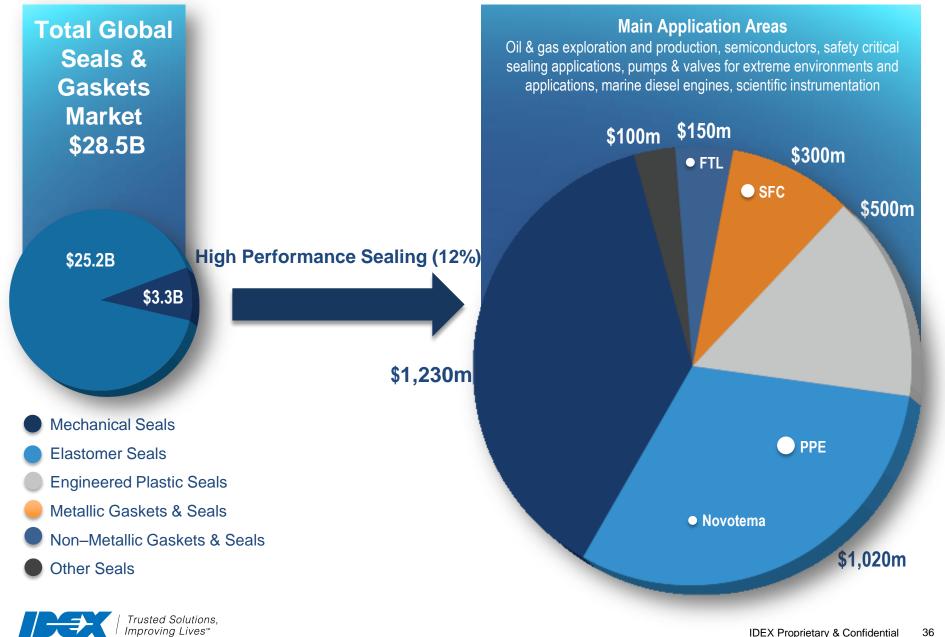
Sales and Applications Engineering Specialists

Main Dealers/Distributors/Agents

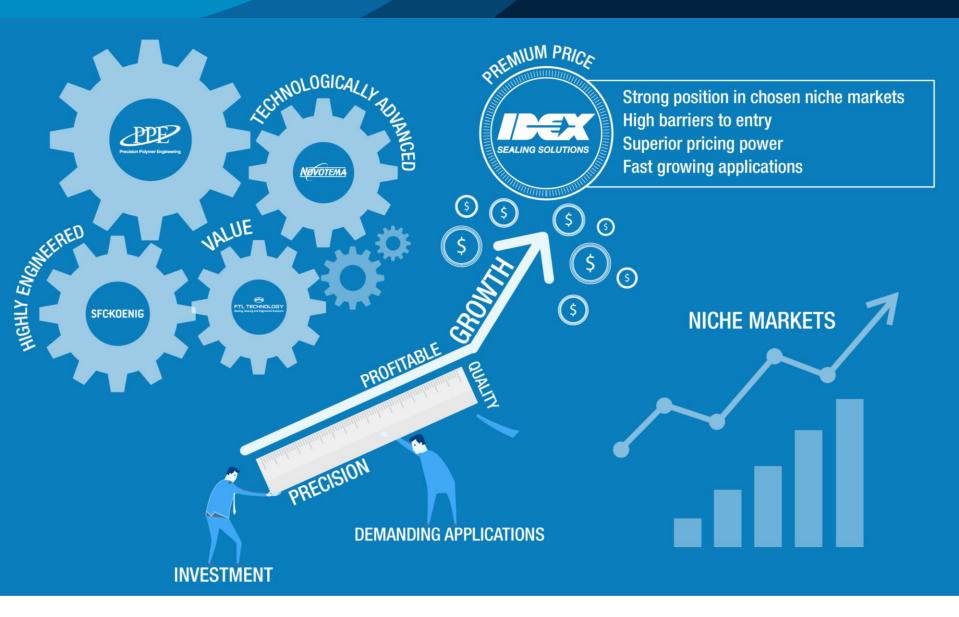




## **Global Sealing Market Deep Dive**

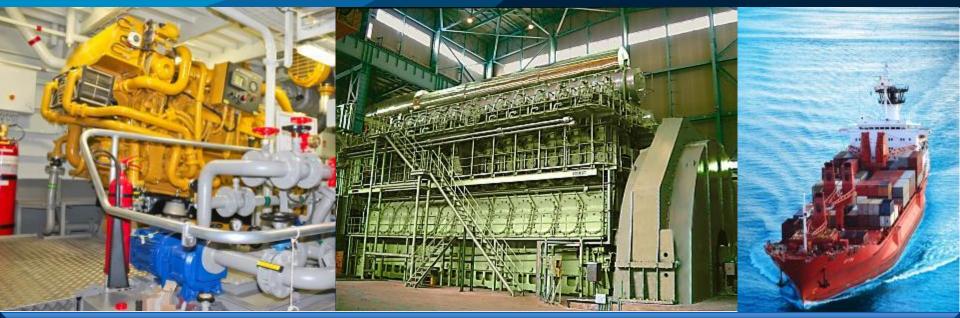


# **IDEX Model**





### Marine Diesel & Gas Engines Example



#### Innovation

- Environmental legislation (IMO) needs to be adhered to for engine emissions
- This drives requirement for dual fuel and alternative fuel capability
- PPE created a specifically designed material for multi–fuel operation meeting IMO regulations and exceeding 25,000 hours continuous operation



#### **Pharmaceutical Innovation example**

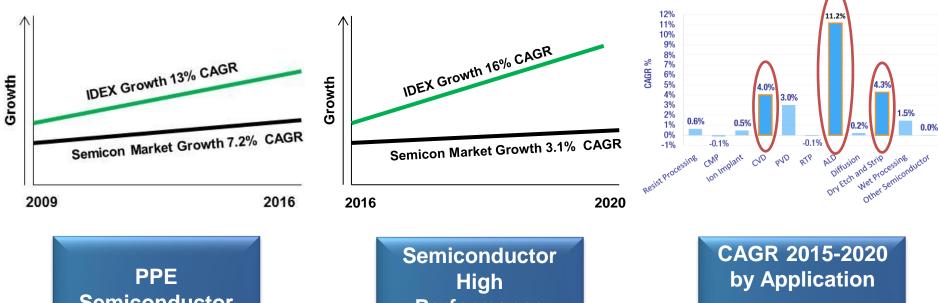


Innovation

- With Steam in Place requirements for Bio–Pharma applications, existing material technology was limited
- A new material has been developed in accordance with FDA and USP Class VI requirements
- Custom designed profile in new material allowing valve OEM to offer unique valve design to bio-pharma applications



#### **Semiconductor Example**



Semiconductor Sales and Elastomer Market

We are growing faster than the average market growth Semiconducto High Performance Seal Market Forecast

We have a developed a solid position at all major Semiconductor OEM's and Wafer Manufacturers Within semiconductor we are focused on the highest growth applications, laying the foundation for further accelerated growth



### **Organic Growth** – Texas Investment

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- IDEX has invested in manufacturing capability in Texas to capture US growth
- This investment creates the organic growth capability to double our US revenue over 3 years



# Latest Acquisition – SFC KOENIG

Current product portfolio of SFC mainly comprises expander sealing solutions

applications up to 450 bar

Check valves are new products 

#### SFC product portfolio



Sealing Solutions



**Pull-type expanders:** Sealing solutions including for thin wall structures across all pressure ranges up to 500 bar

Push-type expanders: Sealing solutions for medium / high pressure





**Low-Pressure Plugs:** Sealing solutions for low pressure applications and complex geometries up to 60 bar



**Restrictors:** Provides precise pressure regulation and orifice flow control up to 200 bar



Installation



**Check valves:** Allows flow at a certain pressure and prevents backflow within a circuit fluid. Market launch in late 2015.

Hydraulic & Pneumatic Tools: For use in installation of expanders and flow control solutions



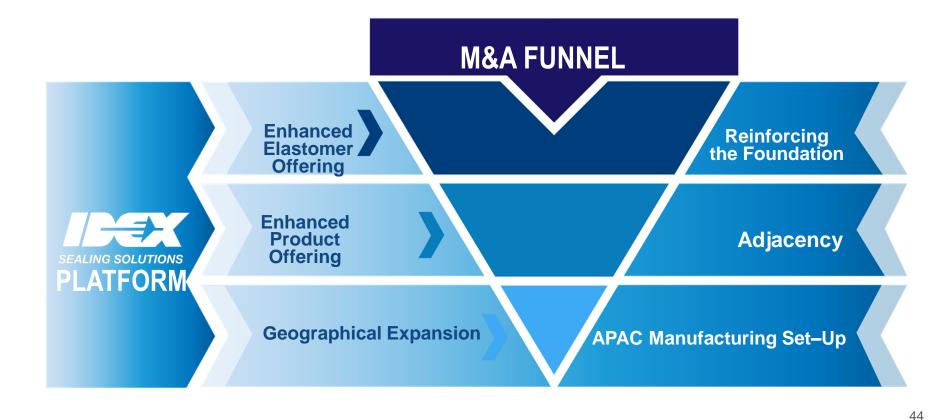
## Latest Acquisition – SFC KOENIG

Improving Lives™

# SFC serves automotive (PC,CV) hydraulics markets, with newer entry into medical and aerospace business

	Passenger Cars (PC)	Passenger cars and light commercial OEM units <b>below 6 tons</b> Application of expanders: primarily in powertrains (e.g. engine, transmission)	
	Medium & Heavy–Duty (MHD)	Trucks and buses <b>above 6 tons</b> Application of expanders: primarily used in the powertrains	
	Hydraulic systems (HYD)	Applications used in areas like agriculture and construction in hydraulic components; pumps and motors etc.	
	Medical/ Aerospace & other new markets	Medical: Equipment for e.g., diagnostics, dental equipment, and surgical devices. Aerospace: Passenger planes and cargo planes.	
Trusted Solutions,	ouble Digit growth o	ver the coming 5 years	

- IDEX Sealing Solutions has been growing significantly over the last years with 4 acquisitions and one major facility expansion.
- Further M&A opportunities exist in three key areas:





## **Key Take–Aways IDEX Sealing Solutions**

- IDEX has developed this platform in 6 years from *no* presence to a global organization consisting of 7 sites and approximately 700 employees, with above IDEX average profitability. This growth has been accelerating over the last 2 years.
- IDEX Sealing Solutions offers significant further *organic* and *inorganic* growth potential because of the niches we are in. This is further accelerated by the SFC KOENIG addition.
- We will continue to look at further expansion of this platform, since we believe that the High End Sealing market has an excellent fit with the IDEX "*Mission critical / Low % of overall equipment spend*" model.







#### **SEALING SOLUTIONS**



Delivering highly engineered applications that solve mission critical problems within superior niche markets



Trusted Solutions, Improving Lives™





