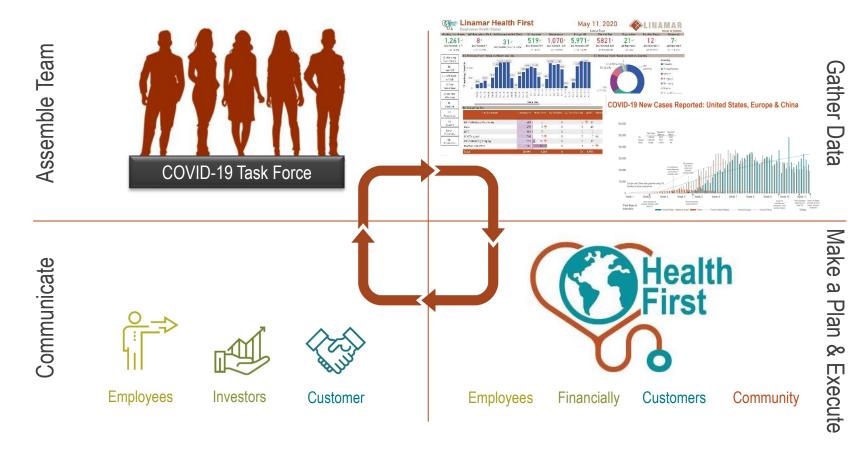


# Forward Looking Information, Risk and Uncertainties

Certain information regarding Linamar set forth in this presentation and oral summary, including management's assessment of the Company's future plans and operations may constitute forward-looking statements. This information is based on current expectations that are subject to significant risks and uncertainties that are difficult to predict. Actual results may differ materially from these anticipated in the forward-looking statements due to factors such as customer demand and timing of buying decisions, product mix, competitive products and pricing pressure. In addition, uncertainties and difficulties in domestic and foreign financial markets and economies could adversely affect demand from customers. These factors, as well as general economic and political conditions and public health threats, may in turn have a material adverse effect on the Company's financial results. Please also refer to Linamar's most current Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A") and Annual Information Form ("AIF"), as replaced or updated by any of Linamar's subsequent regulatory filings, which set out the cautionary disclaimers, including the risk factors that could cause actual events to differ materially from these indicated by such forward looking statements. These documents are available at https://www.linamar.com/investors. The Company assumes no obligation to update the forward-looking statements, or to update the reasons why actual results could differ from those reflected in the forward-looking statements. Content is protected by copyright and may not be reproduced or repurposed without express written consent by the Company.



# **Pandemic Crisis Management**



### **Current Focus**

- Safe Workplace
  - Ensure we continue to maintain a safe work environment.
  - As vaccination rates continue to climb we are looking at implementing new protocols to reflect our ability to interact more together safely
- Testing
  - Testing running on a regular basis for Linamar employees in jurisdictions where test kits are available
  - Regular testing is key to controlling community spread
    - Most contagious in 1-3 days BEFORE first symptoms
    - Only way, along with vaccination, we keep ourselves and safe and get back to normal
    - Critical to avoiding another wave driven by variants
- Vaccinations
  - Encouraging employees to get fully vaccinated
    - Core Guelph plants 81% first shot complete
    - Vaccines have been proven safe by extensive clinical trials and rigorous government review
    - Only way, along with testing, we keep ourselves and families safe and get back to normal
    - Critical to avoiding another wave driven by variants
  - Linamar Vaccination Clinic a Huge Success
    - Completed >57,000 injections for Wellington Dufferin Guelph in 5 months of operation
    - Our clinic recognized as the most efficient with best throughput per staff member
    - Playbook on how to launch posted on website for other companies to access
    - Looking at possibly creating a mobile unit to help clean up remote/rural areas not yet vaccinated, also to run pop ups at our plants

© Linamar Corporation 5



## **Manufacturing Flexibility Supports our Communities**

### Rapid Shift to Ventilator Production Saved Lives

- In March 2020, Linamar was awarded 5 production contracts on fully assembled ventilators, ventilator subassemblies or individual ventilator components, as well as full assembly of a UV based disinfectant unit
  - Part production within 2 weeks of order for component work
  - Assembly ready for UV disinfection unit in 4 weeks
  - Assembly ready for "ICU in a box" life support and ventilator system of 1,700 different components in 6 weeks
  - In total manufactured nearly 1 million ventilator parts in 2020
- Our organizational culture, agility and manufacturing expertise has enabled us to rapidly respond to public needs during this pandemic through expedited & complicated production launches
  - Our equipment is flexible and can make a variety of types of parts
  - Our team is responsive, technically excellent and can adapt to make new products quickly and capably

Thornhill Medical MOVES SLC Full Integrated ICU Ventilator 765 delivered



CleanSlate
UV Based disinfectant unit
325 delivered



Zoll Ventilator 10,000 parts delivered



GM Ventec VOCSN Integrated Multifunction Ventilator 310,000 parts delivered



O-Two Medical eSeries e700Ventilator 600,000 parts delivered



### **Linamar Vaccination Clinic Wraps Up**

- Clinic launched early March
- >57,000 Shots Administered
- Playbook posted on Linamar website to assist any company in launching their own clinic quickly







# **Linamar - A Leading Global Advanced Manufacturing Company**



#### Mobility

Carbon Efficient
Electrified
Lightweight
Connected & Autonomous
New Mobility

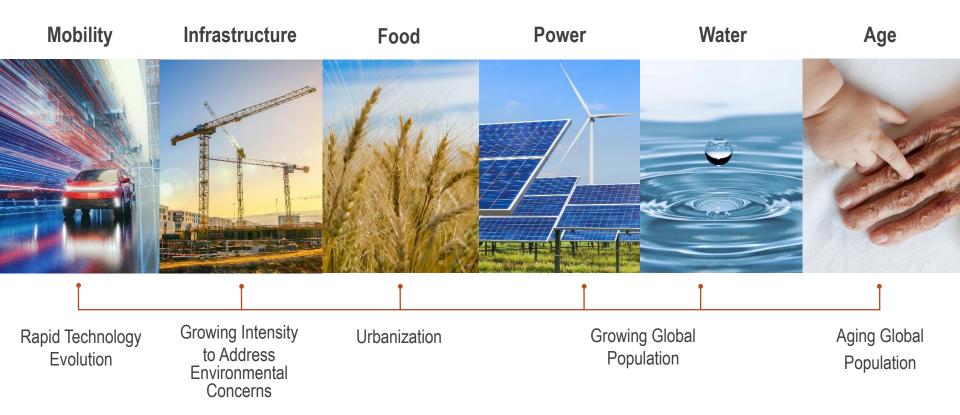
#### Infrastructure

Safe & Efficient Man & Work to Height

#### **Agriculture**

Optimized Harvest Yield & Availability of Food

# **Linamar 2100: Market Focus Addresses Key Global Trends**



### **Core Brands and Diverse Markets**

Diversified Manufactured Products that Power Vehicles, Motion, Work and Lives

Infrastructure

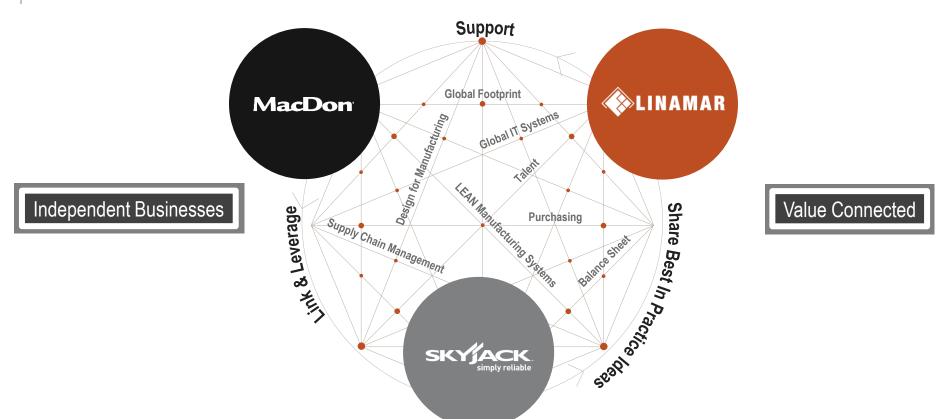








# Linamar's Unique Value Creation Model Deeply Interconnected Businesses Driving Value Across Multiple Vectors

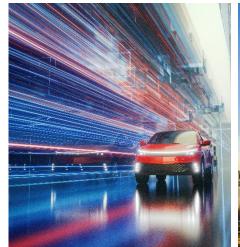


# **Key Drivers of Market Opportunity**



# **Key Market Strategies**

#### **Mobility**



- Increase & balance CPV in BEV, HEV, FCV
- Mine opportunistic ICE market as volumes decline but addressable market increases
- Grow integrated casting and forging business
- Light weighting and noise reduction

### Skyjack



- Globalize and expand product lineup in all 3 regions
- Focus on growth in China
- Focus on European telehandler strategy

#### MacDon



- Global growth
- Expand product lineup

#### Age/Medical



- Successful launch and learn from Synaptive
- Lever off ventilator connections made
- Focus on contract manufacturing for medical implants & instruments

### **Market Concentration Balance**



#### Industrial

Mobile Industrial Equipment | Fabricated Assemblies



### **Transportation**

Engine | Transmission | Driveline | Body











### **Diverse Core Capabilities**

### **Metal Forming**

Robotic Welding

Laser cutting

Metal Forming

Stamping

Painting

Assembly





### Machining & Assembly

Advanced Automation & Robotics
CNC Expertise
Complex Assemblies
Hydroforming
Heat Treatment

### **Forging**

Hatebur High Speed Hot Horizontal Forging
Conventional Vertical Forging
Cold Forming
Ring Rolling
Radial Forging





### **Light Metal Casting**

Gravity & Low Pressure Aluminum Die Casting

High Pressure Aluminum & Magnesium Die Casting

# **Strong Global Footprint**



# **ESG** is a Long Held Priority



- Green technology is a key growth strategy driving product innovation in all business
- Energy and water conservation programs running in all facilities
- Energy and water usage per dollar sales trending down
- Rooftop solar power on nearly 40% of global facilities
- Investing in off grid co-gen projects
- Low energy lighting installed in all global facilities
- 85% of global plants ISO 14001 (environmental standard) certified



- Diversity Drives Results Initiative
  - 18% female leaders vs 19% female workforce
  - Strong ethnic diversity in leadership
  - Recognized by the Globe & Mail in their Women Lead Here list of companies
  - Diversity Council in initial recommendations underway
- Supplier Diversity Program & Conflict Minerals Policy
- Signatory to BlackNorth Initiative
- Significant external promotion of women in Leadership, STFM & Trades – SBS 2022 launched
- Charitable Giving arts, education, healthcare, youth and community key focus involving broad leadership
  - Scholarships in Engineering (UG), Accounting (WLU), Dual Eng/Business (UWO, Women)
  - GG Hospital \$5 mill (with family)
  - Covid Support Vents, Testing, Vaccine Clinic



- Detailed review of every governance policy conducted yearly with Board of Directors
- <u>Contactyourboard@Linamar.com</u> direct contact to Board established to facilitate shareholder interaction
- Process established to allow key shareholder interaction with Independent Board members
- Significant enhancement to disclosure around compensation and governance policies in MIC this year
- New board member Lisa Forwell officially joined the Board with her first meeting in Aug 2020
- Annual integrity and anti-corruption training
- · Whistleblower policy to ensure good conduct
- Skill matrix to ensure comprehensive board capabilities
- Diversity Policy Adopted Mar 2021

### **Linamar Long Term Sustainability Roadmap & Goals**



We commit to being a net zero emissions organization inclusive of the operation of our facilities, our supply base and the products we supply to by 2050.



#### Why?

- 1. What we do today determines the future of our planet.
- The future of our planet matters to us; it also matters to our Employees, our Customers and our Shareholders.
- 3. Addressing environmental challenges is a global imperative which will create massive **market opportunity** for those with the solutions.

#### **Principles**

- Environmental Sustainability needs to be something each and every one of us commit to – we each play a part in this large connected puzzle, what each of us does matters and counts.
- 2. What we do impacts others we need to lead by example by doing what we do better for the benefit of all our stakeholders.
- 3. Find **balanced** solutions that optimize impact for the Environment as well as our Employees, our Customers and our Financial performance

## **Diversity Drives Results**



### Measure

- Creating metrics to track progress
  - Measure a variety of areas ie Leadership, Discipline, Students, STEM, Succession, E1T1, Trades
- Snapshot plus trend over time
  - Women
  - Ethnic/Race
  - Youth

# **Diversity Council**

- Diverse group, M/F, ethnic diversity etc
- Track progress
- Suggest ideas to improve diversity and inclusion
- Launched in 2021

### Initiatives

- Unconscious bias training
- Gender
  - SBS Inspiring women into STEM through role models
  - Western Scholars
  - Women in Trades
    - Camp
    - Mentor night
    - Female apprenticeship program
- Ethnic/Race -- Signatory to BlackNorth Initiative



# **Broad Innovation Strategy**

Product Development

Process Development Material
Development
Lighter, Stronger

Manufacturing
Partnerships with
Tech Startups

Digitization through AI/ML

Tangential Innovation









# Innovation Driving Green Technologies, Digitization & Operational Efficiency Underpinning Strategy in Each Business

Green Technologies **Operational Efficiency** Digitization

# **Business Strategies Impact Product Design & Facility Function**

		Mobility	SKYJACK simply reliable	MacDon	Medical		
<b>Green Technologies</b>	ĺ						
	PRODUCT	Electrification & Emission Reduction	Electrification	Precision Agriculture	Compact & Energy Efficient		
	FACILITY	Technology Investments to Reduce Facility Carbon Footprint					
Digitization & Operational Efficiency							
	PRODUCT	Lighter & Quieter	Digitization & Telematics	Optimize Harvest	Digitized & Autonomous		
	FACILITY	Industry 4.0 Investments to Improve Facility Efficiency					

# **Joint Technology Development Initiatives and Manufacturing Partnerships**

**Equity** Who **Technology Focus Fuel Cell Electrification** "Plug & Play" FCEV **Ballard** Green Technologies **Powertrain Rolling Chassis** Pass Car **Joint Development &** Class 1 and 2 Truck **Solutions** Selling Gear Box & Inverter E-axle Solutions **Electrification** Exro for High Speed Low Torque AND Low **Joint Development & MD Commercial Vehicle Speed High Torque Applications** Selling



IM Systems
Manufacturing

Synaptive Rob
Manufacturing Me

Robotics Industrial

Robotics
Medical

Faster, More Precise, Lower Cost Tractive Contact Driven Robotics Solutions

Faster, More Precise, Lower Cost Automated Microscopy & Medical Imaging





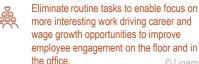




Improve quality of production, enhance product life and functionality to improve performance, make more accurate forecasts and estimates, better predictions around promotions.



Reduce cycle times, improve uptime to lower costs, improve productivity, drive faster analysis and number crunching.



# AI/ML Driving Innovation & Efficiencies











#### ADVANCED ROBOTICS

Development of advanced collaborative robots to drive more efficient and safer automation

#### **DATA COLLECTION**

- 1. Improve equipment uptime & tool life & reduce cycle times
- 2. Sensors in products track performance, drive design improvements
  - 3. Enable operational improvements through telematics

#### **VISION SYSTEMS**

Evolving vision systems to more accurately gauge & inspect products for better product integrity

# ADDITIVE MANUFACTURING (3D PRINTING)

Identify applications today (proto, tooling), develop for future production potential

# PREDICTION & ANALYSIS

Assessing other processes of analysis & prediction that can be more efficiently & accurately done by machine

# Digitization with AI/ML and Our Digitization Journey

**July 2021** 

60 **Plants** 



2,527

Connected





4,559 **LMMS Data** 

**Collection Connections** 



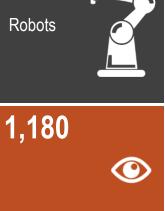
2,004



**RFID Stations** 

2,425



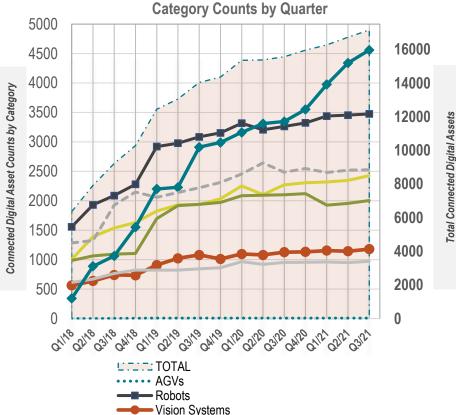


973

Vision Systems

9

**AGVs** 





# **Q2 2021: Performance Highlights**

#### **Focus on Customers**



2021 Theme: Creativity to Drive Growth

- Strong market demand in all businesses
- Strong New Business Wins in key strategic areas
  - Nearly 25% of YTD wins Electrified
- MacDon continuing to drive great market share growth for both draper headers and windrowers internationally, notably in Europe & SA
- Skyjack seeing global market share growth in booms

#### Focus on Employees



2021 Theme: Talent to Drive Growth

- Pandemic control proceeding well
  - Vaccine Clinic ramped up for the community great feedback, >57,000 shots given as of early August
  - Launched bi-weekly testing of all Guelph employees
- Enhanced Diversity & Inclusion Initiatives & Diversity Council established
- Launched new Talent Management Program STEEL
- Nearly 100 applicants for LEAP 2022 selection process
- Sustainability long term goals established, Council in formation

#### **Focus on Financial**



#### 2021 Theme: Efficiency to Drive Growth

- Normalized net earnings up massively over last year
- Sales up 71%
- \$138 million in free cash flow and liquidity level excellent at \$1.7 billion
- Solid improvement in segmented normalized OE
  - Mobility up \$148 million vs. last year
  - Industrial up nearly 2x vs. last year

<sup>1 -</sup> For more information on the CPV, Free Cash Flow and Liquidity, Normalized net earnings, and Normalized OE measure refer to section entitled "Non-GAAP and Additional GAAP Measures" and "Liquidity and Capital Resources" respectively, in the Company's separately released Management Discussion and Analysis ("MD&A").

# Sales, Normalized Earnings, and Margins (in millions CAD)

	Q2 2021	Q2 2020	% Δ
Sales	1,575.3	923.6	70.6%
EBITDA – Normalized <sup>2</sup>	259.2	92.1	181.4%
EBITDA – Normalized Margin	16.5%	10.0%	
Industrial OE – Normalized <sup>1</sup>	66.3	36.5	81.6%
Industrial OE – Normalized Margin	16.8%	14.1%	
Mobility OE – Normalized <sup>1</sup>	85.9	(55.9)	253.7%
Mobility OE – Normalized Margin	7.3%	(8.4%)	
OE – Normalized¹	152.2	(19.4)	884.5%
OE – Normalized Margin	9.7%	(2.1%)	
NE – Normalized³	106.9	(22.0)	585.9%
NE – Normalized Margin	6.8%	(2.4%)	
EPS – Normalized <sup>4</sup>	1.63	(0.34)	579.4%

- 1 Operating Earnings before unusual items and foreign exchange impacts from revaluation of the balance sheet.
- 2 EBITDA before unusual items and foreign exchange impacts from revaluation of the balance sheet.
- 3 Net Earnings before unusual items and foreign exchange impacts from revaluation of the balance sheet, tax affected.
- 4 Earnings per share (EPS) before unusual items, and foreign exchange impacts from revaluation of the balance sheet, tax affected.

#### Q2 2021

The key factors impacting results in the quarter are:

- Strong market demand in all businesses; partially offset by
- Chip related customer shutdowns negatively impacting sales and earnings in auto business;
- FX headwinds:
- Less government subsidies as markets continue to recover; and
- Supply chain, labour availability and logistics challenges increasing costs and hindering production in all businesses.

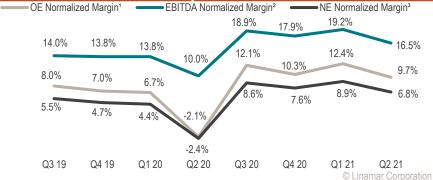
The key impacts to the segments vs prior vear are:

#### Mobility

- Global light vehicle markets up 45%:
  - Mobility sales growth of 78% far exceeds market growth; partially offset by
- Reduced customer production levels due to semi-conductor chip shortages; and
- FX headwinds.

#### Industrial

- Skviack markets strongly recovering & market share up in targeted boom markets;
- MacDon markets & market share up in all core products; partially offset by
- FX headwinds.



# **Market Snapshot**

			<b>\$</b>			0 0		<b>=</b>
2021	Light Vehicle	Commercial Truck	Combine Heads	Access	2022	Light Vehicle	Commercial Truck	Access
North America	▲ 12.3%	<b>▲</b> 29.4%	▲ 20.0%	▲ 30.9%	North America	<b>▲</b> 16.4%	▲ 5.7%	▲ 25.0%
Europe	▲ 8.9%	<b>▲</b> 17.3%	▲ 10.0%	▲ 37.4%	Europe	▲ 12.4%	▲ 6.6%	▲ 18.1%
Asia	▲ 8.5%	<b>▼</b> 23.3%	n/a	<b>▲</b> 147.1%	Asia	<b>▲</b> 7.6%	<b>▼</b> 22.0%	▲ 5.5%
Rest of World	▲ 21.2%	n/a	▲ 10.0%	n/a	Rest of World	▲ 13.1%	n/a	n/a

Above projections are external industry expert estimates for total market % unit change as a whole vs. prior year in each of the respective market segments.

They are not internal expectations of Linamar's results.

# Outlook Q3 Expectations

#### Auto

 Risk we could see similar impact in Q3 as seen in Q2 2021 from chip related shutdowns

#### Ag

- Solid growth over prior year
- Modest growth over Q2 2021

#### Access

- Solid growth over prior year
- Modest growth over Q2 2021

#### Cash

Continued positive free cash flow

#### General

- Expect continued cost impacts and production disruptions from supply chain and labour shortage issues in both segments
- Currently not forecasting additional government pandemic related subsidies past Q2
- Given ongoing challenges and uncertainties, Q3 should be conservatively forecast to be similar to Q2 2021 in earnings performance.

Consolidated	Normal Ranges	2020 Actuals	Expectations 2021	Expectations 2022		
Sales Growth		(21.6%)	Double Digit Growth	Continued Double Digit Growth		
Normalized Earnings Growth EPS EBITDA		(32%) (15%)	Strong Double Digit Growth	Continued Double Digit Growth		
Normalized Net Margin	7.0% - 9.0%	5.4%	Expansion Back Into Normal Range	Expansion, Normal Range		
Capex (% of Sales)	6.0% - 8.0%	264m 4.5%	Up From 2020 Under Normal Range	Up From 2021 Within Normal Range		
Leverage Net Debt:EBITDA		0.50x	Continued Improvement	Continued Improvement		
Free Cash Flow		\$ 1,185 m	Solidly Positive	Continued Solidly Positive		
Industrial						
Sales Growth Skyjack MacDon			Double Digit Growth Double Digit Growth	Double Digit Growth Continued Growth		
Normalized Operating Margin	14.0% - 18.0%	13.4%	Light Expansion Towards Normal Range	Expansion, Low End Normal Range		
Mobility						
Factors Influencing Sales Growth Launch Book \$3.7 Billion Driving Incremental Sales Of:		\$376m	\$500 to \$600 million	\$600 to \$700 million		
Business Leaving (% Consolidated Sales)	5.0% - 10.0%		Low End of Normal Range	Low End of Normal Range		
Normalized Operating Margin	7.0% - 10.0%	6.5%	Expansion, Mid Normal Range	Expansion, Normal Range		





Skyjack focuses on maximizing customer utilization and return on investment by proudly providing them quality-engineered, simple and reliable access & material handling solutions on a global basis.



## **Industrial Segment Impacts - Skyjack**

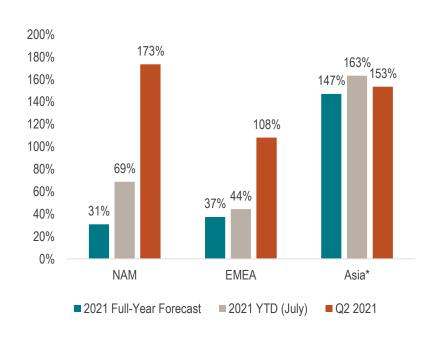
### Access Equipment Market Commentary

- Continued recovery of Aerial Work Platform (AWP) market in Q2 2021. All regions saw triple-digit increase versus Q2 2020 (low prior year comparison due to pandemic related lockdowns)
- Customer fleet utilization levels remain within 5% of 2019 levels.
- Rising commodity prices, supply shortages negatively impacting production and costs.
- NAM Access market up 173% YOY in Q2, 69% YTD (July)
- EMEA Access market up 108% YOY in Q2, 44% YTD (July)
- Asia Access market up 153% YOY in Q2, 163% YTD (July)
- 2021 is expected to see double-digit growth in core NAM and EMEA markets, Asia expected to be up 147%

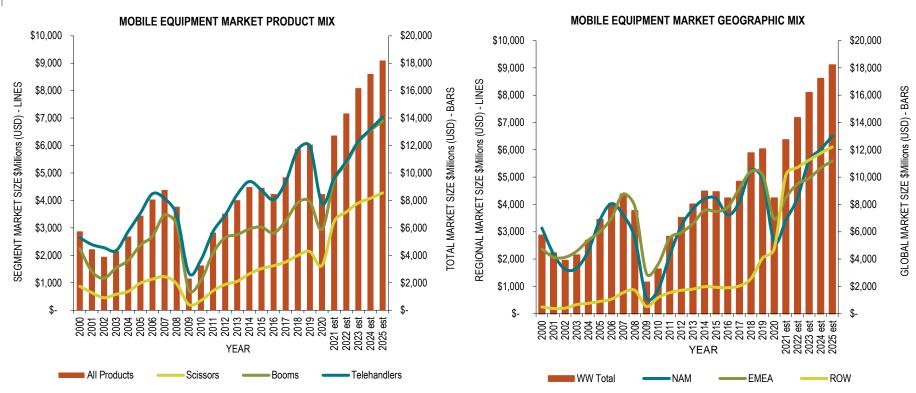
2022 is expected to continue to see double digit growth in core NAM and EMEA but single

digit growth in Asia

## 2021 Access Industry YTD Results & Forecast % Change vs. Prior Year



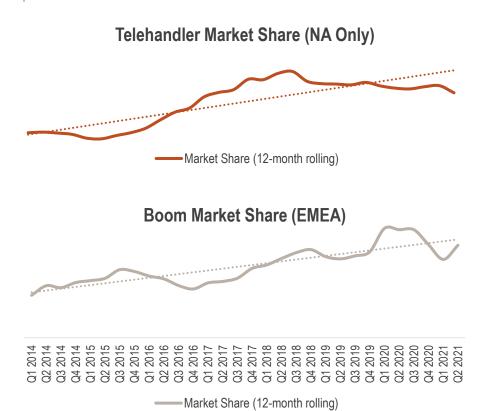
## **Access & Material Handling Equipment**

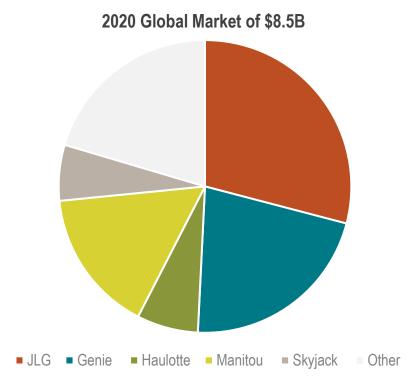




Source: Skyjack Internal, July 2021

## **Skyjack Market Share**





Source: Skyjack Internal, July 2021.

### **Innovation in Aerial Work Platforms**

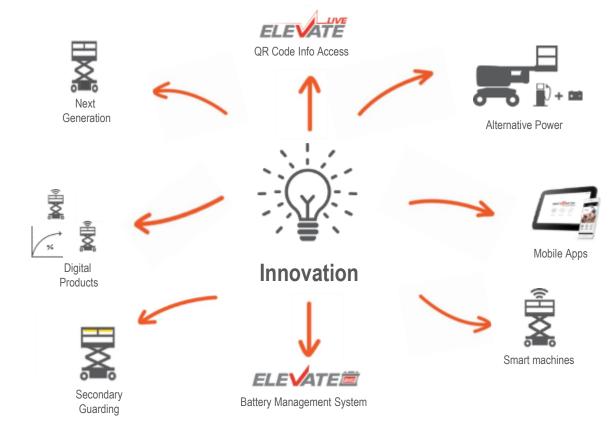


### SJ20 Vertical Mast Lift

- Began shipments to the rental market in early spring 2021
- Offers 20' working platform height, full electric drive, improved duty cycle and battery life
- Received 2021 Editor's Choice Award from Rental Magazine



## **Skyjack's Innovation Strategy**





## **MacDon**

MacDon is the world leader in technology, innovation, and manufacturing of high-performance harvesting equipment.



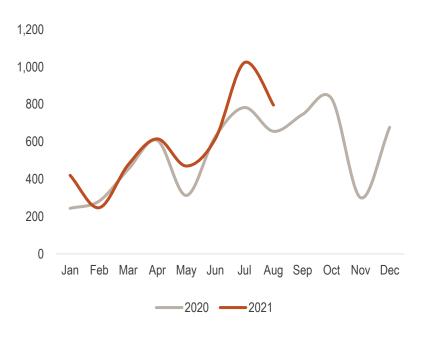
## **Agricultural Market**

### **Agriculture Market Commentary**

- Ag. retailers seeing lean inventory indicating retail demand is high
- Commodity price rally, improved farm net income outlook continuing to boost retails
- Continuing to see challenges with global supply chain availability, material costs, and logistics
- North America combine retails up 10% in Q2, 18% YTD (August)
  - Canada combine retails up 22% in Q2, up 33% YTD (August)
  - United States combine retails up 7% in Q2, 13% YTD (August)
- 2021 North American combine header retails expected to be up 20% versus 2020
- The coming months will give us a better idea of the success of the harvest and therefore farmers attitudes towards buying for 2022



### **North American Combine Retails**



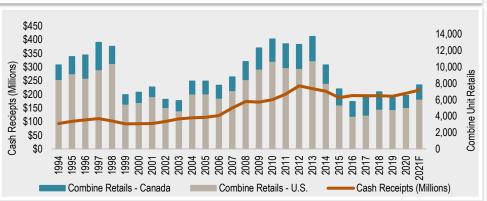
## **Key Market Strategies and Growth**

Farming income, cash receipts, and combine retails indicate a positive outlook for 2021 farming equipment orders.



### Food

- Build on MacDon acquisition as the foundation from which to expand global ag business overall
- Regional growth initiatives
- Advanced and disruptive technologies
- Global parts distribution
- Laser focus on operations
- Product line diversification







## **Innovation in Harvesting Equipment**

## **MacDon**

### New MacDon FD2 Series Announced

- The new 2 Series FlexDraper<sup>TM</sup> launched to the market as a 2022 Model Year
- More crop capacity, enables faster cutting speeds, and more flex for better ground following
- Begins production Spring 2022



## **MacDon Strategy**



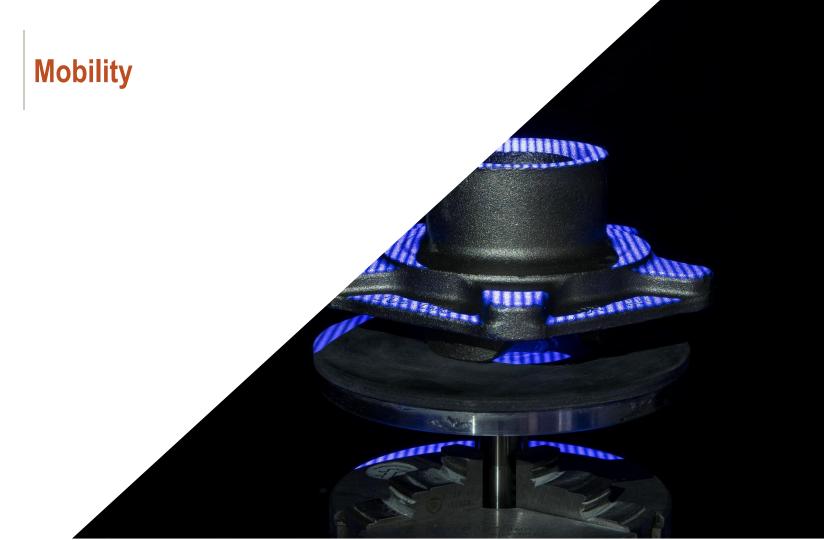
Portfolio Expansion | Advanced Technologies | Geographic Expansion | World-class Product Support | Laser Focused Operations

Technology supported by over 110 unique patents with an additional 50 patents pending

Focusing on innovation in product, services and technology

120 Global technology resources focused on innovation



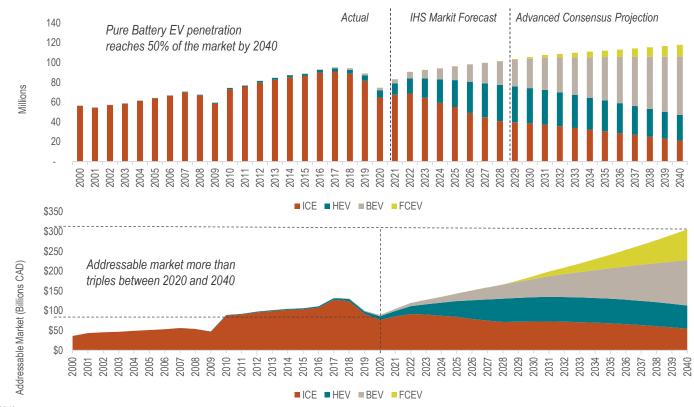


## **Key Market Strategies - Flexible & Opportunistic**



### Mobility

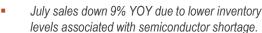
- Increase CPV in BEV, HEV, FCV
- Mine opportunistic ICE market as volumes decline but addressable market increases
- Grow integrated casting and forging business
- Carbon efficiency, light weighting, noise reduction



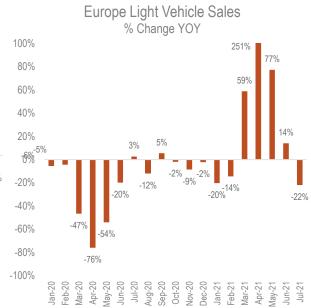
## **Light Vehicle Sales**

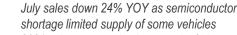
Demand Staying Well Above 2020 For the Most Part Despite Lack of Vehicles to Purchase re Chip Issues, Deterioration Starting to Hit in July / August





 2021 sales expected to increase by 6% to 25M, highest since 2018.





2021 sales expected to increase by 8%.



100%

80%

60%

40%

20%

0%

-20%

-40%

-60%

-80%

-100%

- US sales declined by 17% in August as inventory levels continued to hit record lows as result of semiconductor shortage (August inventory down 59% versus August 2020)
- 2021 US sales expected to grow by 14% to 16.7M.

Source: IHS Markit, Autonews & Wards Auto, September 6, 2021 © Linamar Corporation 50

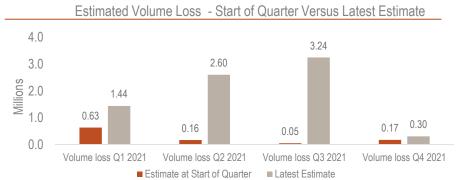
## **Semiconductor Chip Shortage – Light Vehicle Production Impact**

Total estimated 2021 volume loss of 7.6M units. Supply disruption expected to continue into 2022.

General Motors, 858,495



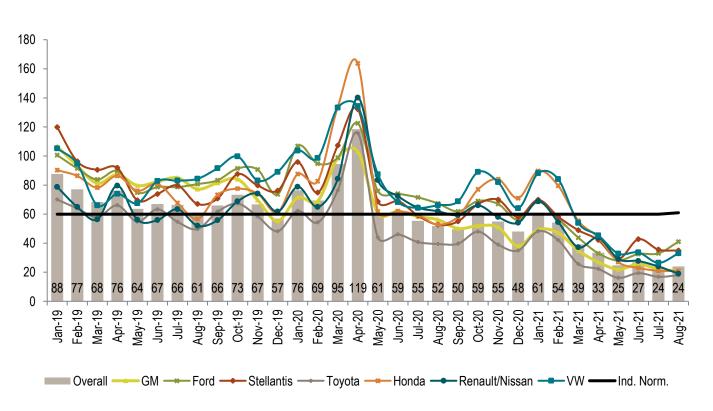




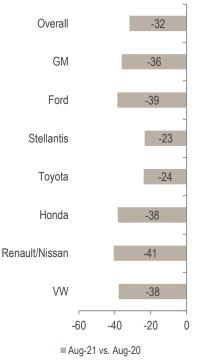
Original Estimates Jan 12th for Q1, Mar 12th for Q2, May 7th for Q3, Sep. 13th for Q4

Toyota, 628,146

# **US Light Vehicle Inventory – Days' Supply**Will Take Years To Replenish Inventory Levels Regardless of Demand...



### Change vs Same Period Last Year



© Linamar Corporation 52

### Global Light Vehicle Market: Q2 2021, Q3 2021 and 2021

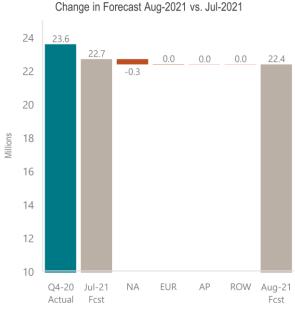
Q3 2021 production decreased by 900,000 units. Q4 2021 forecast reduced by 320,000 units. 2021 full-year forecast reduced by 1.23M.

## Q3-2021 Global Vehicle Production Forecast By Region Change in Forecast Aug-2021 vs. Jul-2021 24



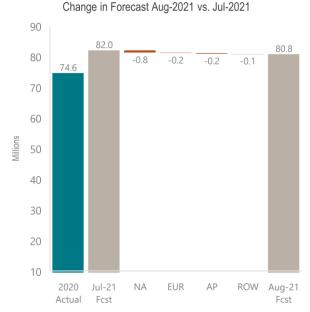
- Q3 2021 forecast reduced by 900,000 due to ongoing global shortage of semiconductors
- Q3 production expected to decline 7% verses prior year

### Q4-2021 Global Vehicle Production Forecast By Region



- Q4 2021 forecast reduced by 320,000 due to ongoing global shortage of semiconductors
- Q4 production expected to decline 5% verses prior year

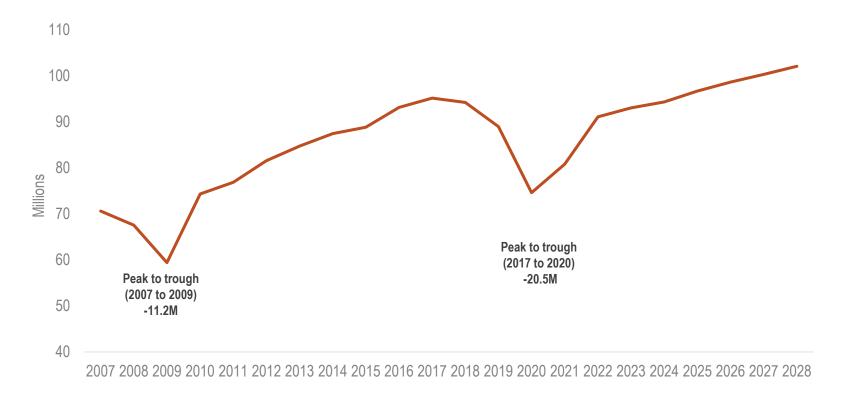
### 2021 Global Vehicle Production Forecast By Region



- 2021 full-year outlook reduced by 1.23M due to ongoing global semiconductor shortage
- 2021 production expected to be up 8% versus prior year

## **Global Light Vehicle Production**

2017-2020 peak to trough reduction of 20.5M units, much greater than 2008/9 financial crisis. Pent-up demand expected to drive recovery, leading to long, sustainable period of growth: 2021 production expected to grow by 8%, 2022 expected to grow by 13%, average annual growth of 2% from 2023-2028.



Source: IHS Markit, August 16 2021.

## **Technology Leadership Key to Growth**

### Innovation in Design, Development, and Manufacturing

- Innovative design & engineering solutions to provide cost effective solutions to OEMs
- Ex. Fully integrated eAxle systems for hybrid & electric vehicles





Ex. Integrated hydroformed assembled camshaft within one-piece cast aluminum carrier housing with unique-to-Linamar manufacturing process

Prototypes

### Lightweighting Solutions

- Using unique manufacturing processes, materials, and designs to produce lightweighting solutions that achieve fuel efficiency & CO2 reduction
- Ex. High pressure die-casting for structural components
- Ex. Adapting forging gear designs & processes to achieve near net shape



Sheet Solution

Aluminum Casted Solution

### Gen I

### Commercial eAxles



- program Installed in 4 test vehicles in
- the US for past year

### Gen II



- Government body Sponsored Collaboration Program
- Design optimized from Gen I
- Similar performance, simplified design

### **Future Gen III Developments**



- Optimized for multiple applications
- Based off Gen II design and customer feedback
- Low cost, High power density, Offthe-shelf design

### eAxle Innovation



 Built customer interest Penetrated market

- Developed initial
- engineering capabilities



Design

 First production eAxle awards

 Expanded reputation globally

- Focused on low cost designs
- Diversified portfolio
- Expanded engineering capabilities



- Performance Pushed limits of power density and optimization
  - Performance application production award pending

### Now

- Expanding to meet customer needs for advanced features
- Building capabilities for the following:
- Park lock systems
- Disconnect systems
- eLSD
- Multi-speed gearboxes

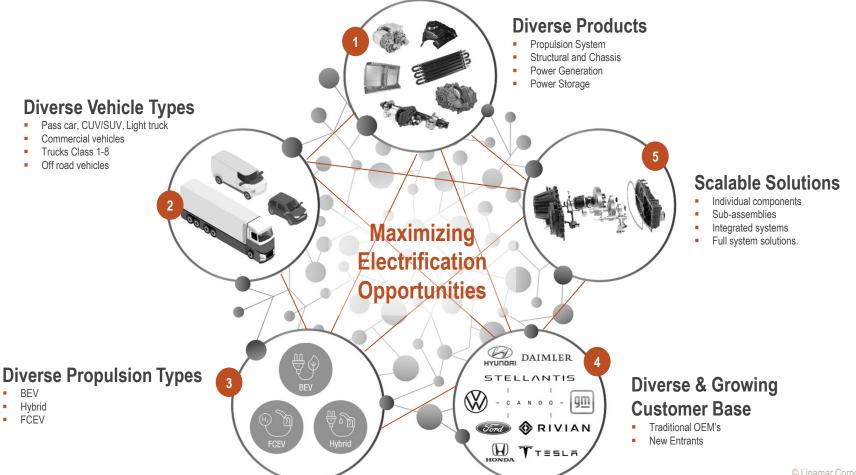






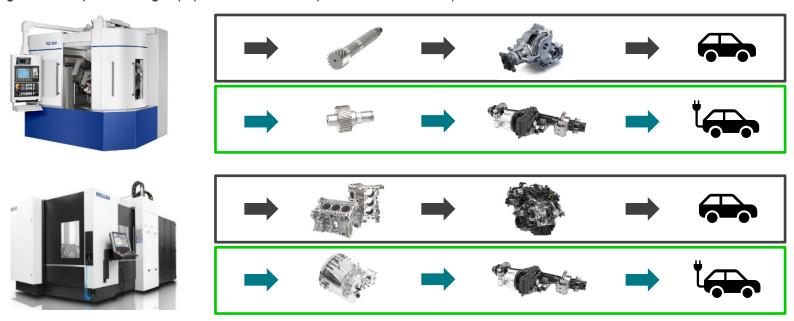


### **Diverse Electrification Strategy Maximizes Potential**



## Flexible Manufacturing Strategy

- Capital assets currently employed in Linamar's operations can be adapted to manufacture electrified components at little to no incremental CAPEX
- For instance, the same gear grinding equipment can produce gears for eAxles and ICE powertrains alike
- This advantage is present across Linamar in many types of equipment (lathes, machining centres, heat treat equipment, straighteners, spline rolling equipment, broaches, polishers, and more)



## **Strategic Alliance with Ballard Power Systems**

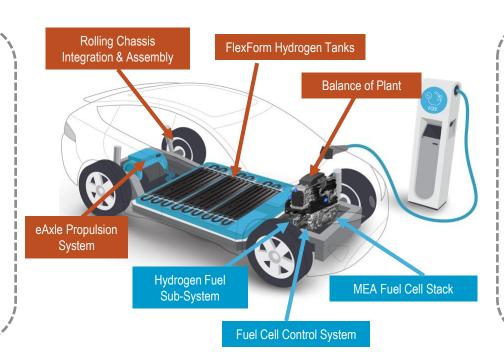
### A Partnership to Develop Fuel Cell Solutions for Light-Duty Vehicles

- Framework Agreement to initially co-develop a fuel cell powertrain solution demonstration platform
- In a secondary phase, the parties will move towards a formal Joint Venture focused on light duty Class 1 and 2 vehicles



Linamar leveraging its global manufacturing expertise and Automotive supply experience to provide:

- eAxle Propulsion System
- Rolling Chassis
  - Frame
  - Steering
  - Wheel corners
- FlexForm Hydrogen Tanks
- Full Balance of Plant including
  - Air Flow & Filtration
  - Hydrogen Control & Recirculation
  - Coolant
  - Humidification
  - Structure Enclosure



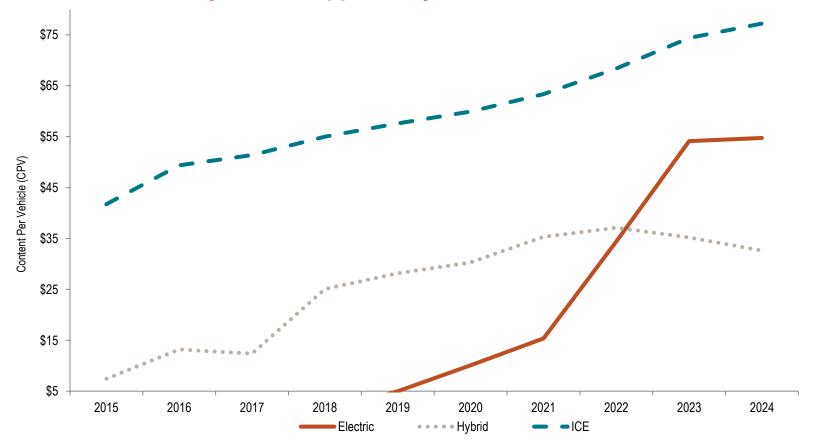


Ballard drawing on their decade's long expertise in Fuel Cell Technology development to provide:

- MEA Fuel Cell Stack
- Hydrogen Fuel Sub-System
- Fuel Cell Control System

Linamar Corporation 58

## **Electrified Vehicles Key Growth Opportunity for Linamar**



### **eLIN** is Driving Electrification at Linamar

### Strategy

- 4 Key Product Solution Categories
- Power Generation
- Power Storage
- Propulsion Systems
- Structural & Chassis

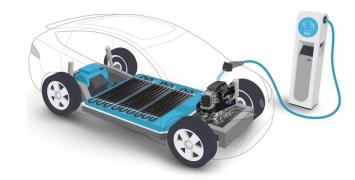


### eLIN Strategic Focuses for Success

- Increasing product engineering capabilities across four key product categories
- Increasing purchasing capabilities, especially in high-cost products not easily sourced
- Increasing sales capabilities and eMobility customer base
- Leveraging Linamar's strong balance sheet and operational expertise

The announcement of Linamar's **eLIN** strategic business unit in September 2021 is a demonstration of the significant focus and resources being directed toward an Electrified Mobility future.





### Propulsion Systems



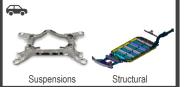
## Power Generation



Power Storage



Structure & Chassis





## **Strategy & Recent Developments**

- As a global diversified manufacturer, Linamar's 2100 year plan identifies Age Management & Medial Devices as a long-term strategic market of which to enter into
- In December of 2019, made an initial small equity investment in Synaptive Medical, an innovative medical equipment start-up.
   Partnership includes a Strategic Manufacturing Agreement to produce its 2 key technologies
- Beginning in mid-March, at the height of the public crisis response to COVID-19, Linamar entered into several Ventilator assembly and component production contracts demonstrating its organizational flexibility and responsiveness in new product areas
- Continue to scope and monitor this business vertical to identify best potential fits for long-term market participation
- ModusV production equipment now installed and production launched
  - Trained personnel and capacity to scale by Q4 '21



## **Synaptive Medical Manufacturing Partnership**



Modus V™

- Automated Robotic digital microscopy
- 3D capability for ideal surgical visualization
- Improves ergonomics and surgical workflow
  - Shorter surgery times benefit all
- Manufacturing at Linamar's iHub launched Q4 of 2020

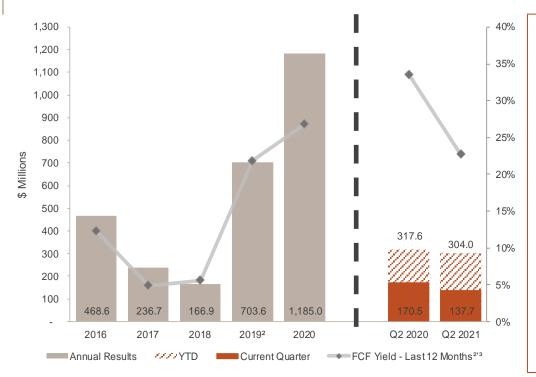


**Evry**<sup>TM</sup>

- Magnetic Resonance Imaging ("MRI") with excellent imagery, minimal infrastructure & lower operating cost
- Low magnetic field and small footprint
  - 80% lighter weight than traditional MRI enables use in Operating Room, ER, ICU
- Manufacturing at Linamar's new iHub Q4 of 2021



## **Cash Flow Continues to be a Key Priority**



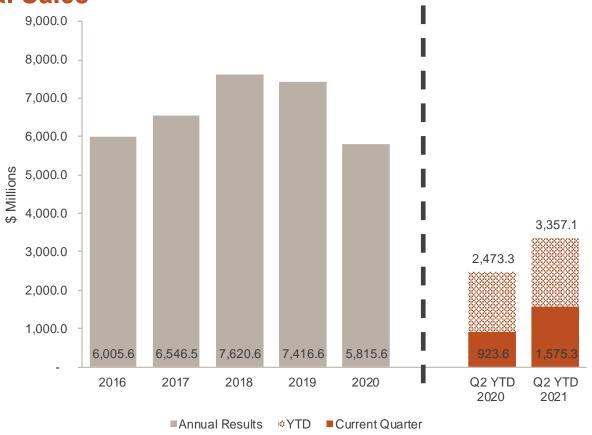
- ■FCF<sup>1</sup> in Q2 \$138 million
  - 13<sup>th</sup> consecutive quarter of positive FCF
- FCF Yield has been consistently >20% since 2019
- Liquidity<sup>1</sup> excellent with \$1.7 billion of cash available at quarter end
- Solid liquidity and balance sheet positions us well for takeover and acquisition opportunities as they arise

<sup>1 -</sup> For more information on the Free Cash Flow and Liquidity measure refer to section entitled "Non-GAAP and Additional GAAP Measures" and "Liquidity and Capital Resources" respectively, in the Company's separately released Management Discussion and Analysis ("MD&A").

<sup>2 -</sup> Free cash flow has been adjusted for additions of property, plant and equipment related to the dissolution of a joint venture.

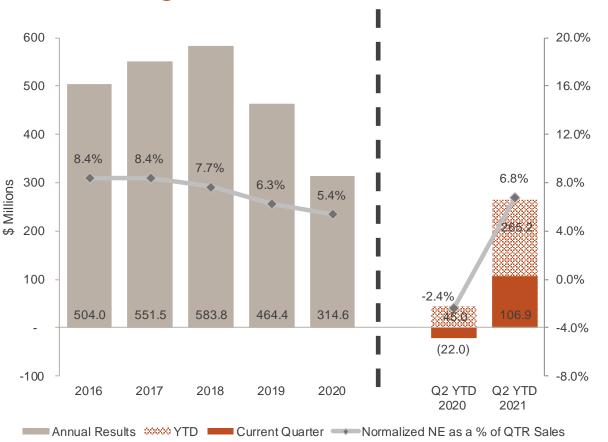
<sup>3 -</sup> Free cash flow yield is calculated as free cash flow divided by fully diluted shares divided by share price.

## **Annual Sales**



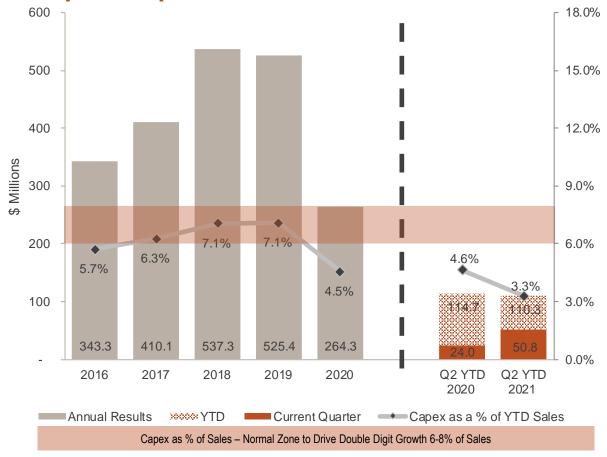


## Normalized Net Earnings<sup>1</sup>

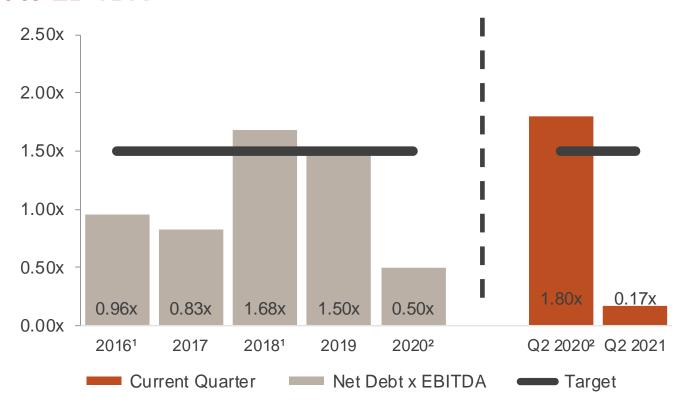




## **Operational Capital Expenditures**



### **Net Debt to EBITDA**



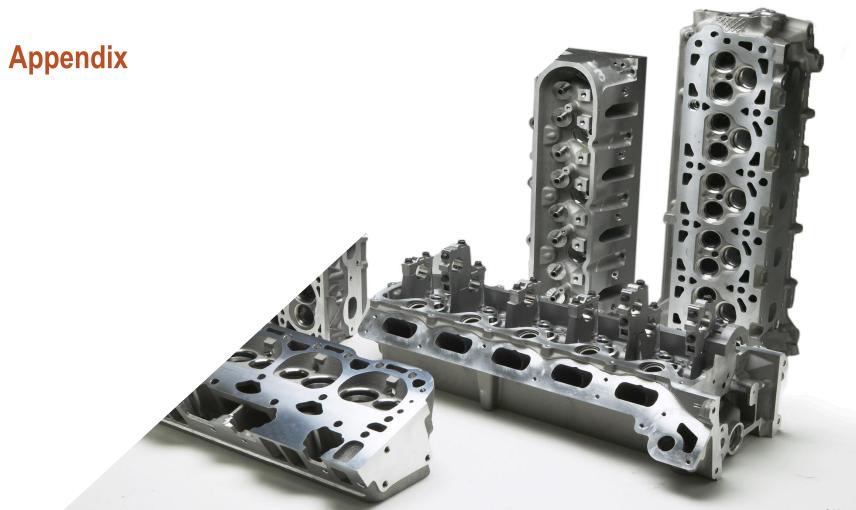
<sup>1 -</sup> EBITDA includes last 12 month rolling EBITDA on acquisitions.



# **Thank You**

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## **Diverse Key Products**

### Industrial

## **Mobility**

















**Body & Chassis** 



**MacDon** 











**Engine** 



**Driveline** 



**Transmission** 



## **Skyjack Products**

### **Vertical Mast Lifts**

Vertical mast lifts with platform heights from 12' (3.6m) up to 20' (5.9m)



### Telescopic Booms

Telescopic booms with platform heights from 40' (12.3m) to 86' (26.2m)



### DC Scissor Lifts

DC and micro scissor lifts with platform heights from 13' (3.9m) to 40' (12m)



### **Articulating Booms**

Articulating booms with platform heights from 30' (9.0m) to 85' (25.9m)



### RT Scissor Lifts

Rough terrain scissor lifts with platform heights from 26' (7.92m) to 64' (19.5m)



### Telehandlers

TH Series telehandlers with lifting capacities from 5,500 lbs (2,494 kg) up to 12,000 lbs (5,443 kg) and a ZB model with a lifting capacity of 20,000 lbs (9,071 kg)



## **MacDon Products**

















Transmission

Cases

Camshaft / Cylinder Head

Cover Module





Lower Engine

Crankcase Assembly

Full Clutch Module

Assembly





eAssist Micro Hybrid



Single Motor eAxle







**Today & In Future:** Linamar well positioned to provide content on ICE, Hybrid and EV platforms

ICE & HEV

All E-Vehicles



eAxle







Hydrogen Storage Tank



Shock Towers







Full Clutch Module

Superstructure Assembly

Seat Frames

Single Motor

Driveline Systems

EV Motor & Battery Modules



**Dual Motor** 

eAxle



Commercial Vehicle

Solid Axle ePower Unit



Multi-Speed eGearboxes