







## 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, may in turn have a material adverse effect on the Company's financial results. 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.



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

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







**Fransportation** 





#### **History Timeline**

Frank Hasenfratz born in Hungary, immigrated to Canada in 1957.

Starts a one-man machine shop in his home basement

The company is founded with name derived from his wife and 2 daughters

Li (Linda) na (Nancy) mar (Margaret) Purchase of White Farm Equipment and establishment of Western Combine.

Both exited down road, but set path to return to the Agriculture segment in future. Company goes public. IPO was issued on the Toronto Stock Exchange.

> 30% of shares controlled by the Hasenfratz family

Company continues to experience continued product line and manufacturing facilities growth, begins global expansion

Linamar acquires Skyjack for a major diversification into Industrial equipment market segment Linamar acquires McLaren Performance Technologies to bolster its technical product engineering capabilities



Linamar acquires
MacDon, a harvesting
specialist, to increase
Industrial and Agriculture
market presence

Linamar acquires Montupet to gain LPDC and gravity pour light metal capability Announce a 50/50 Joint Venture with GF Automotive to build a HPDC light metal foundry in North Carolina Linamar acquires
Forging capabilities
with acquisitions of
Carolina Forge and
Seissenschmidt

Linamar acquires the camshaft division of German auto supplier Mubea

cquires Linamar acquires the laft All Wheel Drive German business division from lier Mubea Ford

#### **Market Concentration Balance**





ΟE

38%

**Transportation**Engine | Transmission | Driveline | Body

OE **62%** 









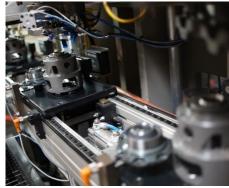


#### **Diverse Core Capabilities**

#### **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

#### **Diverse Key Products**

#### Industrial











#### **MacDon**







#### **Transportation**

#### New Energy Powertrain Systems



#### **Body & Chassis**



**Engine** 



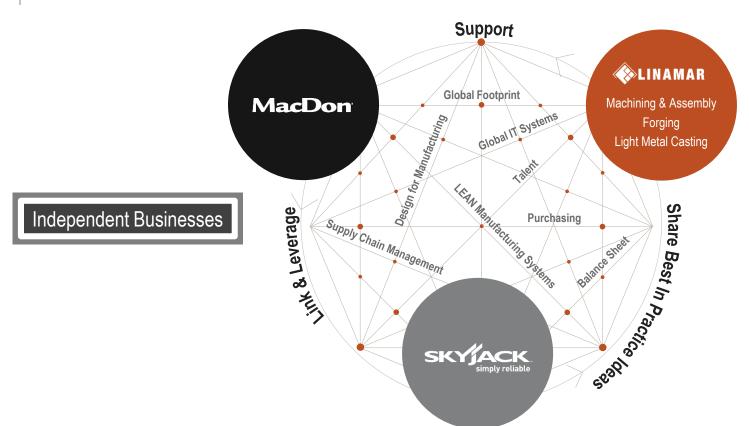
#### Driveline



#### **Transmission**



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

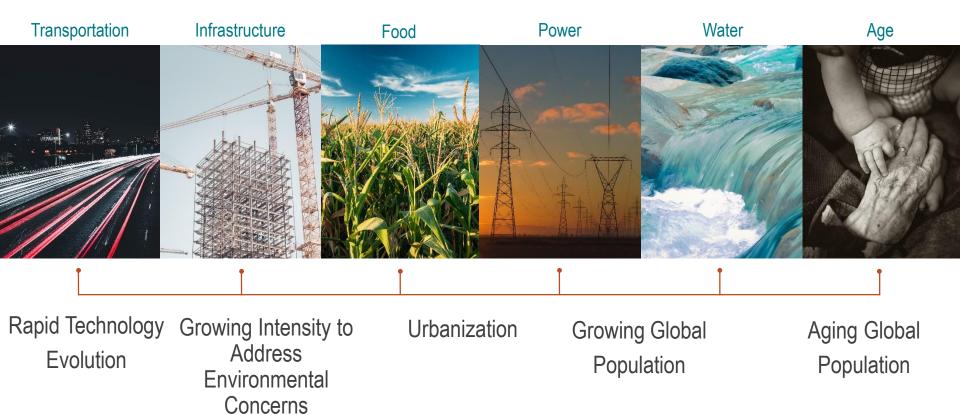


Value Connected

#### **Strong Global Footprint**



#### **Market Focus Addresses Key Global Trends**





#### **MacDon**

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



#### **MacDon Products**

FD Series FlexDraper®

C Series Corn Headers

D Series Draper Headers







Pick-Up Headers

Rotary Disc Pull-Type and Headers

M Series Windrowers







#### **Proud Heritage & Bright Future**

- 2019 marked the MacDon's 70<sup>th</sup> year in business
- Plans to diversify and expand the product line
- Focused on Global Growth with increase sales penetration outside North America









Machined Cylinder

Blocks & Heads

Camshaft / Cylinder Head

Cover Module



Lower Engine

Rods



Turbo

Connecting Crankcase Assembly

Balance Shaft Modules

Charger Assemblies

**Today & Tomorrow:** Linamar has the **Products!!** 

ICE & HEV

All E-Vehicles



Engine



Assemblies



Assemblies



Cases



Full Clutch Module

Assembly



Full Clutch Module Superstructure Assembly

Driveline













**Engineered Gear Sets** 

Differential Housing

PTUs

RDMs

Disconnecting AWD Systems

eAssist Micro Hybrid

Single Motor eAxle

Knuckles





Subframes & Corner Nodes



**Electric Motor Housings** 











Shock Towers

Cross Car Beams

Door Frames

Seat Frames

Body and Chassis





Single Motor

eAxle

**Battery Tray Housings** 





eAxle





Commercial Vehicle Solid Axle ePower Unit

Multi-Speed eGearboxes

Hydrogen Storage Tank



#### **eAxle Innovation Outlook – New Technologies**

#### **Start**









#### Now



Built customer interest

Penetrated electrification market

Developed initial engineering capabilities

#### First production eAxle awards

Expanded reputation globally

Production

# esign

Focused on low cost designs

- Diversified portfolio
- Expanded engineering capabilities

# rformance

Pushed limits of power density and optimization

## Expanding to meet

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

#### **eAxle Innovation Outlook – Commercial Vehicles**







Gen I

Gen II

Future Gen III
Developments

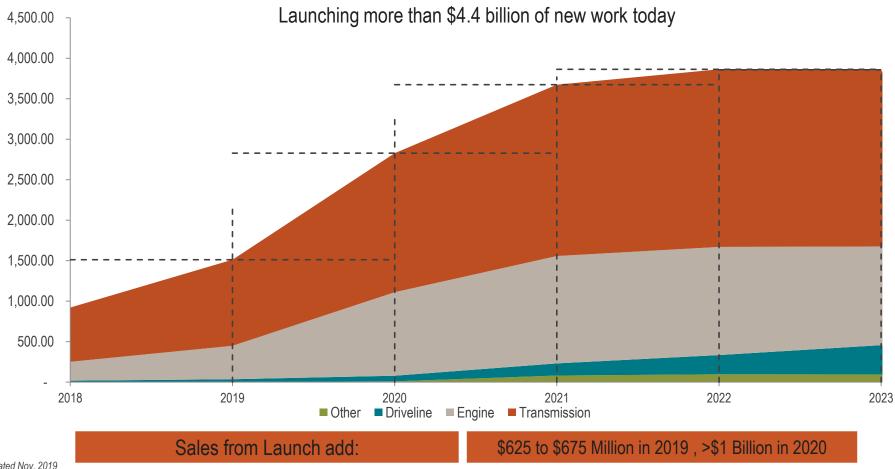
- Initial Commercial Vehicle fleet partnership development program
- Installed in 4 test vehicles in the US for past year
- 2 eMotors
- 2 Gearboxes (2 speed)
- 2 Park Lock Systems

- Government body
   Sponsored Collaboration
   Program
- Design optimized from Gen I
- Similar performance, simplified design
- 1 eMotor
- 1 Gearbox (1 Speed)
- 1 Park Lock System

- Optimized to meet multiple customer applications
- Based off Gen II design and customer feedback

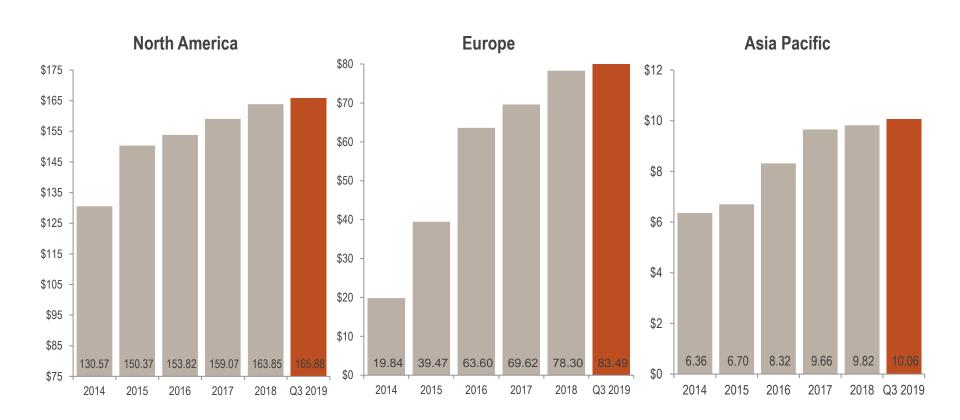
- Low cost
- High power density
- Off-the-shelf design

#### Launches



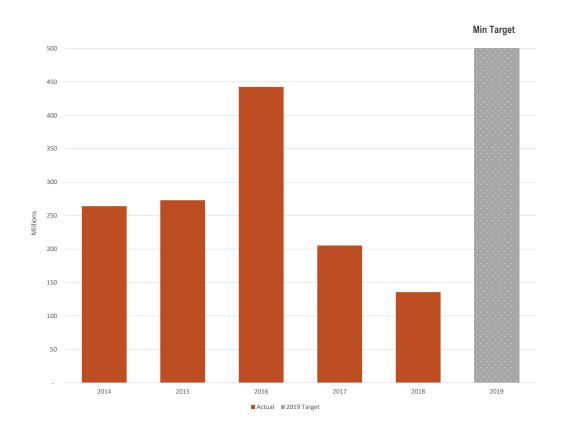
Updated Nov, 2019

#### **Content Per Vehicle**



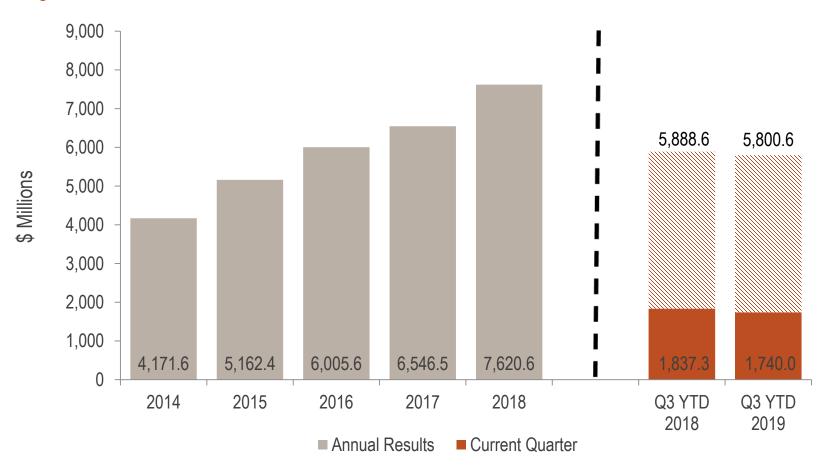


#### 2019 Expected to Drive Solid Free Cash Flow

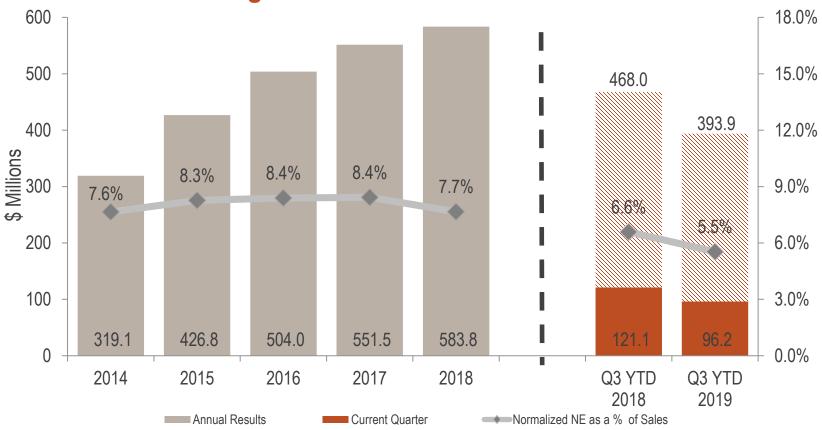


- 2019 expected to generate between \$500 and \$700 million through
  - Strong earnings;
  - Lower Capex than 2018;
  - Focused NCWC Improvements; and
  - Long Term AR ("LTAR") Improvements
- NCWC Improvements focused on
  - Inventory reductions
  - Improvements at recently acquired companies (MacDon, Montupet, LSF)
  - MacDon Trade AR financing program
- Long Term AR
  - 2018 Skyjack LTAR financing program initiated and expected to drive Cashflow improvements in 2019

#### **Yearly Sales Growth**

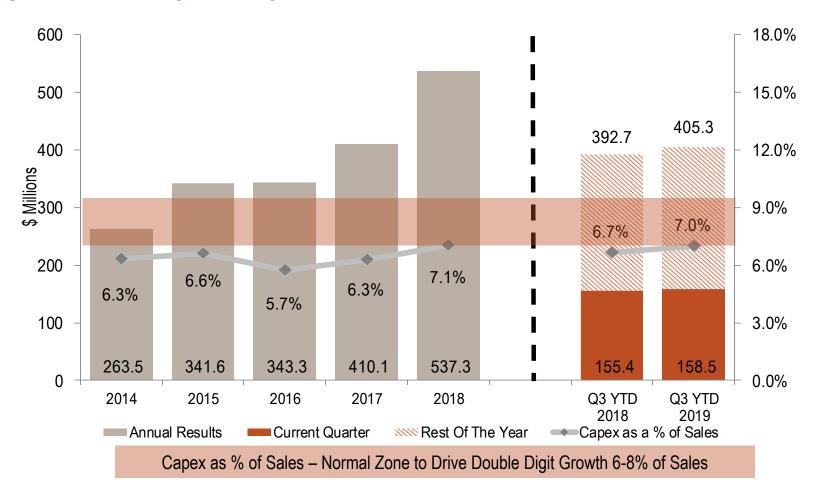


#### Normalized Net Earnings<sup>1</sup>

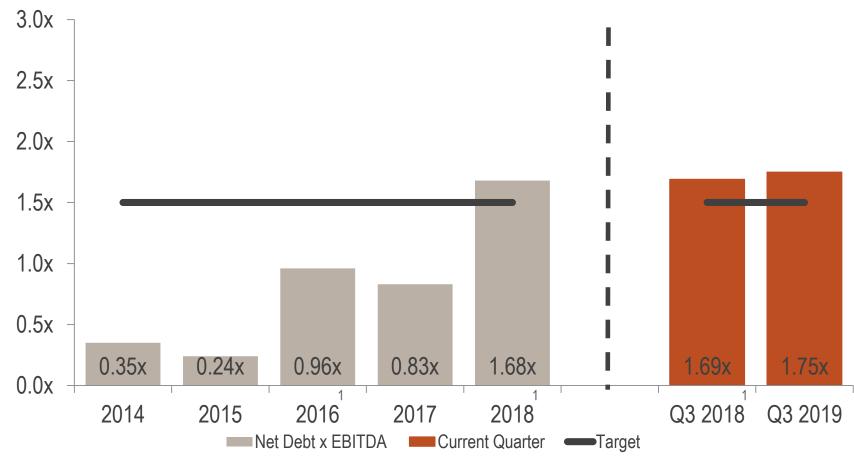


Net Margin Expectations 2019: 6.25% to 6.75%

#### **Operational Capital Expenditures**



#### **Net Debt to EBITDA**



<sup>&</sup>lt;sup>1</sup> EBITDA includes last 12 month rolling EBITDA on acquisitions.



#### **New 63' Rough Terrain Scissor Lift**



#### New SJ9263 RT

- Launching for 2020
- In the defined market place segments, it is offered above standard 30-50 ft. platform height series but below that of the 90-120 ft. specialty classes
- New ANSI A92.20 compliant

#### **New DC Scissors**





#### **New DC Electric Scissors**

- Launching for 2020
- New control box, pothole protection, single action electronic emergency lowering
- Updated Skycoded<sup>TM</sup> system
- New ANSI A92.20 compliant

#### **Increased Capacity Booms**

#### New SJ 40A and 60A + Series

- Refreshed 40' and 60' Series launching for 2020
- Increased capacity for overall platform as well as personnel
- New ANSI A92.20 compliant



#### **Digital Products Providing Value-Added Solutions**





#### **Intelligent Machine Health Data**





#### State of health

- Battery life
- Last charge date
- Battery care information

#### Serialized Machine Information

- Quickstart guides
- Emergency lowering procedures
- Operator manuals
- Pre-use inspection checklist



### **Thank You**

www.linamar.com

