MOVING THE WORLD AT WORK



Oshkosh Corporation (NYSE:OSK)

Second Quarter Fiscal 2019

April 30, 2019

Wilson R. Jones President and Chief Executive Officer

David M. Sagehorn Executive Vice President and Chief Financial Officer

Patrick N. Davidson Senior Vice President, Investor Relations



Forward-Looking Statements

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Q2: Another Strong Quarter



OSK Fiscal Q2 Performance

* Non-GAAP results. See appendix for reconciliation to GAAP results.

- 18% adjusted EPS* growth
 - Sales up in 3 of 4 segments
 - 100 bp increase in access equipment operating income margin
- Strong execution broadly across company despite weather impact
 - Demonstrates benefits of different integrated global industrial
- Well positioned for FY19
 - Backlogs and market indicators support solid outlook
- Raising FY19 adjusted EPS* expectations range to \$7.50 - \$7.80
- Strengthened leadership team with John Pfeifer joining as new COO

Access Equipment

- Sales growth in all regions in Q2
 - Pacific Rim growth driven by continued product adoption in China
- ARA Rental and BAUMA trade shows highlighted strong customer sentiment
- Industry metrics remain solid
- Lower but still solid Q2 orders and backlog
 - Both measures support increased full year outlook
- Significant operational improvements
 - Supply chain more stable
 - Team members gaining experience





Defense





- Continued ramp up of JLTV program
 - Government evaluating units with user-requested modifications
 - Working toward FRP milestone
 - FY20 President's Budget request supports production into FY22
 - DoD 5-year defense plan implies orders >25,000 units thru FY23
- Launched ambulance TWV in March
- Strong visibility on other major U.S. programs
- Continuing development work on FMTV A2 program

Fire & Emergency





- Record quarter for orders leading to record backlog >\$1 billion
- Remain confident in outlook for North American fire truck market
- FDIC showcased Pierce leadership and innovations in fire truck market
 - Pierce Situational Awareness
 System by Fotokite
- Recent administrative bottlenecks to international sales are easing



Commercial

- Segment results and FY19 outlook impacted by extreme weather in Q2
 - Manufacturing facility partial roof collapse due to excessive snow accumulation
 - Strong rallying point for team as they work to mitigate impact of event
 - Reduced full year outlook
- RCV 3rd party chassis recovery plan on target
 - Q2 results negatively impacted (as expected)
- Waste Expo next week
 - Opportunity to strengthen existing relationships and begin new ones







Consolidated Results

(Dollars in millions, except per share amounts)

	Second Quarter		Q2 Comments
	<u>2019</u>	<u>2018</u>	 Sales impacted by:
Net Sales % Change	\$1,990.2 5.5%	\$1,886.4 16.6%	 + Higher access equipment, defense and fire & emergency segment sales
Adjusted Operating Income	\$175.6	\$163.4*	 Lower commercial segment sales
% Change	7.5%	65.1%	Adjusted EPS* impacted by:
% Margin	8.8%	8.7%	 + Higher operating income in access equipment segment
Adjusted EPS	\$1.82	\$1.54*	+ Share repurchases
% Change	18.2%	102.6%	 Lower commercial segment results



* Non-GAAP results. See appendix for reconciliation to GAAP results.

Adoption of ASC 606 – Q2 FY19 and Expected FY19 Results

(Dollars in millions)

	Second Quarter FY19 Results			
	As Reported	Without Adoption Of ASC 606	Effect of Change Higher/(Lower)	Estimated Full Year FY19 Impact
Access Equipment				
Sales	\$ 987.6	\$ 987.3	\$ 0.3	\$-
Operating Income	119.8	120.2	(0.4)	-
Operating Income Margin	12.1%	12.2%	(10) bp	
Defense				
Sales	\$ 486.7	\$ 472.8	\$ 13.9	\$ (20.0)
Operating Income	52.2	44.8	7.4	2.0
Operating Income Margin	10.7%	9.5%	120 bp	
Fire & Emergency				
Sales	\$ 283.2	\$ 286.1	\$ (2.9)	\$ 45.0
Operating Income	36.6	38.0	(1.4)	8.0
Operating Income Margin	12.9%	13.3%	(40) bp	
Commercial				
Sales	\$ 237.9	\$ 233.7	\$ 4.2	\$-
Operating Income	7.8	6.6	1.2	-
Operating Income Margin	3.3%	2.8%	50 bp	
Consolidated				
Sales	\$ 1,990.2	\$ 1,974.7	\$ 15.5	\$ 25.0
Operating Income	175.6	168.8	6.8	10.0
Operating Income Margin	8.8%	8.5%	30 bp	



Updated Oshkosh FY19 Expectations

- Revenues of \$8.2 to \$8.3 billion
- Operating income of \$725 to \$755 million
- Adjusted EPS* of \$7.50 to \$7.80

Segment information					
Measure	Access Equipment	Defense	Fire & Emergency	Commercial	
Sales (billions)	\$3.95 - \$4.05	~ \$2.0	~ \$1.225	~ \$1.025	
Operating Income Margin	11.75% – 12.0%	9.5% – 9.75%	13.5% – 13.75%	5.75% – 6.0%	

Additional expectations

- Corporate expenses of \$150 \$155 million
- Adjusted tax rate* of ~21%
- CapEx of ~\$175 million
- Free Cash Flow* of ~\$450 million
- Assumes share count of ~71.0 million**

Q3 Expectations

- Higher sales vs. FY18
 - Growth in all segments except commercial
- Higher EPS vs. FY18



- * Non-GAAP results. See appendix for reconciliation to GAAP results.
- ** Assumes ~\$350 million of share repurchases in FY19

For information contact:

Patrick N. Davidson Senior Vice President, Investor Relations (920) 966-5939 pdavidson@oshkoshcorp.com Jeffrey D. Watt Director, Investor Relations (920) 233-9406 jwatt@oshkoshcorp.com



Appendix: Access Equipment

(Dollars in millions)

	Second Quarter		Q2 Comments
	<u>2019</u>	<u>2018</u>	Sales impacted by:
Net Sales	\$987.6	\$927.9	 + Higher volume, led by Pacific Rim
% Change	6.4%	28.3%	 + Improved pricing
Adjusted Operating			 Adjusted operating income* impacted by:
Income	\$119.8	\$102.8*	+ Improved pricing
% Change	16.5%	73.4%	+ Higher sales volume
% Margin	12.1%	11.1%	+ Operational efficiencies
C C			 Higher material costs
			 Deferred margin recognized in prior year
			 Backlog down 13% vs. prior year to \$1.55 billion

* Non-GAAP results. See appendix for reconciliation to GAAP results.

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Appendix: Defense

(Dollars in millions)

	Second Quarter		Q2 Comments
	<u>2019</u>	<u>2018</u>	 Sales impacted by:
Not Soloo	¢106 7	¢400 0	+ Ramp up of JLTV program
Net Sales	\$486.7	\$428.2	+ Impact of ASC 606
% Change 13.7% (4.0)		(4.0)%	 Operating income impacted by:
	A-0	• • • • •	+ Impact of ASC 606
Operating Income	\$52.2	\$48.4	+ Higher sales volume
% Change	7.9%	(2.0)%	 Adverse product mix
% Margin	10.7%	11.3%	 Facility startup costs
			Backlog up 82% vs. prior vear

 Backlog up 82% vs. prior year to \$3.1 billion



Appendix: Fire & Emergency

(Dollars in millions)

	Second Quarter		Q2 Comments
	<u>2019</u>	<u>2018</u>	Sales impacted by:
Net Sales	\$283.2	\$273.1	 + Higher content units + Improved pricing Operating income impacted by:
% Change	3.7%	15.0%	
Operating Income	\$36.6	\$36.0	 + Improved pricing - Higher material costs Backlog up 6.4% vs. prior year to \$1.1 billion
% Change	1.7%	60.0%	
% Margin	12.9%	13.2%	



Appendix: Commercial

(Dollars in millions)

	Second Quarter		Second Quarter		Q2 Comments
	<u>2019</u>	<u>2018</u>	 Sales impacted by: 		
Net Sales	\$237.9	\$263.9	 Lower deliveries due to weather- related production disruption 		
% Change	(9.9)%	22.2%	 Adjusted operating income* impacted by: 		
Adjusted Operating Income % Change % Margin	\$7.8 (57.1)% 3.3%	\$18.2* 203.3% 6.9%	 Lower sales volume and inefficiencies due to weather- related production disruption Backlog up 5.9% vs. prior year to \$449 million 		



* Non-GAAP results. See appendix for reconciliation to GAAP results.

Appendix: GAAP to Non-GAAP Reconciliation

• The table below presents a reconciliation of the Company's presented GAAP measures to the most directly comparable non-GAAP measures (in millions, except per share amounts):

	Three Months Ended March 31,			ed
		2019		2018
Access equipment segment operating income (GAAP)	\$	119.8	\$	97.6
Costs and inefficiencies related to restructuring actions		-		5.2
Adjusted access equipment segment operating income (non-GAAP)	\$	119.8	\$	102.8
Commercial segment operating income (GAAP)	\$	7.8	\$	16.4
Restructuring costs		-		1.8
Adjusted commercial segment operating income (non-GAAP)	\$	7.8	\$	18.2
Consolidated operating income (GAAP)	\$	175.6	\$	156.4
Costs and inefficiencies related to restructuring actions		-		7.0
Adjusted consolidated operating income (non-GAAP)	\$	175.6	\$	163.4
Earnings per share-diluted (GAAP)	\$	1.82	\$	1.47
Costs and inefficiencies related to restructuring actions, net of tax		-		0.07
Adjusted earnings per share-diluted (non-GAAP)	\$	1.82	\$	1.54



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Appendix: GAAP to Non-GAAP Reconciliation

• The table below presents a reconciliation of the Company's presented GAAP measures to the most directly comparable non-GAAP measures (in millions, except per share amounts):

	Fiscal Year Ended			
	September 30, 2019 Expectations			
		Low	ł	High
Earnings per share-diluted (GAAP)	\$	7.40	\$	7.70
Repatriation tax adjustment		0.10		0.10
Adjusted earnings per share-diluted (non-GAAP)	\$	7.50	\$	7.80

	Fiscal 2019
	Expectations
Effective income tax rate (GAAP)	22.0%
Repatriation tax adjustment	(1.0%)
Adjusted effective income tax rate (non-GAAP)	21.0%

Net cash flows provided by operating activities	\$ 625.0
Additions to property, plant and equipment	 (175.0)
Free cash flow	\$ 450.0



Appendix: Commonly Used Acronyms

ARFF	Aircraft Rescue and Firefighting	LVSR	Logistic Vehicle System Replacement
AWP	Aerial Work Platform	M-ATV	MRAP All-Terrain Vehicle
AMPS	Aftermarket Parts & Service	MRAP	Mine Resistant Ambush Protected
CapEx	Capital Expenditures	MSVS	Medium Support Vehicle System (Canada)
CNG	Compressed Natural Gas	NDAA	National Defense Authorization Act
DGE	Diesel Gallon Equivalent	NOL	Net Operating Loss
DoD	Department of Defense	NPD	New Product Development
EMD	Engineering & Manufacturing Development	NRC	National Rental Company
EMEA	Europe, Middle East & Africa	000	Overseas Contingency Operations
EPS	Diluted Earnings Per Share	ОН	Overhead
FAST Act	Fixing America's Surface Transportation Act	OI	Operating Income
FDIC	Fire Department Instructors Conference	OOS	Oshkosh Operating System
FHTV	Family of Heavy Tactical Vehicles	OPEB	Other Post-Employment Benefits
FMS	Foreign Military Sales	PLS	Palletized Load System
FMTV	Family of Medium Tactical Vehicles	PUC	Pierce Ultimate Configuration
FRP	Full Rate Production	R&D	Research & Development
FYDP	Future Years Defense Program	RCV	Refuse Collection Vehicle
GAAP	U.S. Generally Accepted Accounting Principles	RFP	Request for Proposal
GAO	Government Accountability Office	ROW	Rest of World
HEMTT	Heavy Expanded Mobility Tactical Truck	SMP	Standard Military Pattern (Canadian MSVS)
HET	Heavy Equipment Transporter	TACOM	Tank-automotive and Armaments Command
HMMWV	High Mobility Multi-Purpose Wheeled Vehicle	TDP	Technical Data Package
IRC	Independent Rental Company	TPV	Tactical Protector Vehicle
IT	Information Technology	TWV	Tactical Wheeled Vehicle
JLTV	Joint Light Tactical Vehicle	UCA	Undefinitized Contract Action
JPO	Joint Program Office	UIK	Underbody Improvement Kit (for M-ATV)
JROC	Joint Requirements Oversight Council	UK	United Kingdom
JUONS	Joint Urgent Operational Needs Statement	ZR	Zero Radius
L-ATV	Light Combat Tactical All-Terrain Vehicle	3PL	Third Party Logistics
LRIP	Low Rate Initial Production		

