



FBR Capital Markets & Co.

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 **RTI** | International
Metals, Inc.

Safe Harbor

The information in this presentation, including oral comments, includes “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, and is subject to the safe harbor created by that Act. Because such forward-looking statements involve risks and uncertainties, there are important factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements. These factors include, but are not limited to, the impact of global events on the commercial aerospace industry, ultimate titanium content per copy and actual aircraft build rates for new commercial and military aircraft programs, global economic conditions, the competitive nature of the markets for specialty metals, availability and pricing of raw materials, the successful completion of our capital expansion projects, and other risks and uncertainties included in the Company’s filings with the Securities and Exchange Commission. Actual results can differ materially from those forecasted or expected. Additional information concerning such factors is contained from time to time in the Company’s Securities and Exchange Commission filings, copies of which can be obtained from the Company or the SEC.

RTI International Metals – Investment Highlights

Growing and diverse titanium market

- The titanium industry continues to be driven by unprecedented aerospace demand, while medical, industrial and consumer markets provide additional growth opportunities.

Vertically integrated business model

- RTI's unique engineering, fabrication, and precision machining capabilities align with growing customer preference for broader and more sophisticated integrated products and services

Strong and growing OEM relationships

- RTI has approximately \$3.5 billion of LTAs through 2020 with Airbus, Boeing, and Lockheed Martin. These OEMs are looking for “one-stop-shop” platforms for their advanced titanium needs

Opportunistic acquisition strategy

- Acquisitions, joint ventures, and investments will enhance RTI's ROI on existing and acquired assets

Conservative financial philosophy

- Conservative capital structure allows for flexibility and opportunistic strategic investment



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Contents

Growing & Diverse Markets

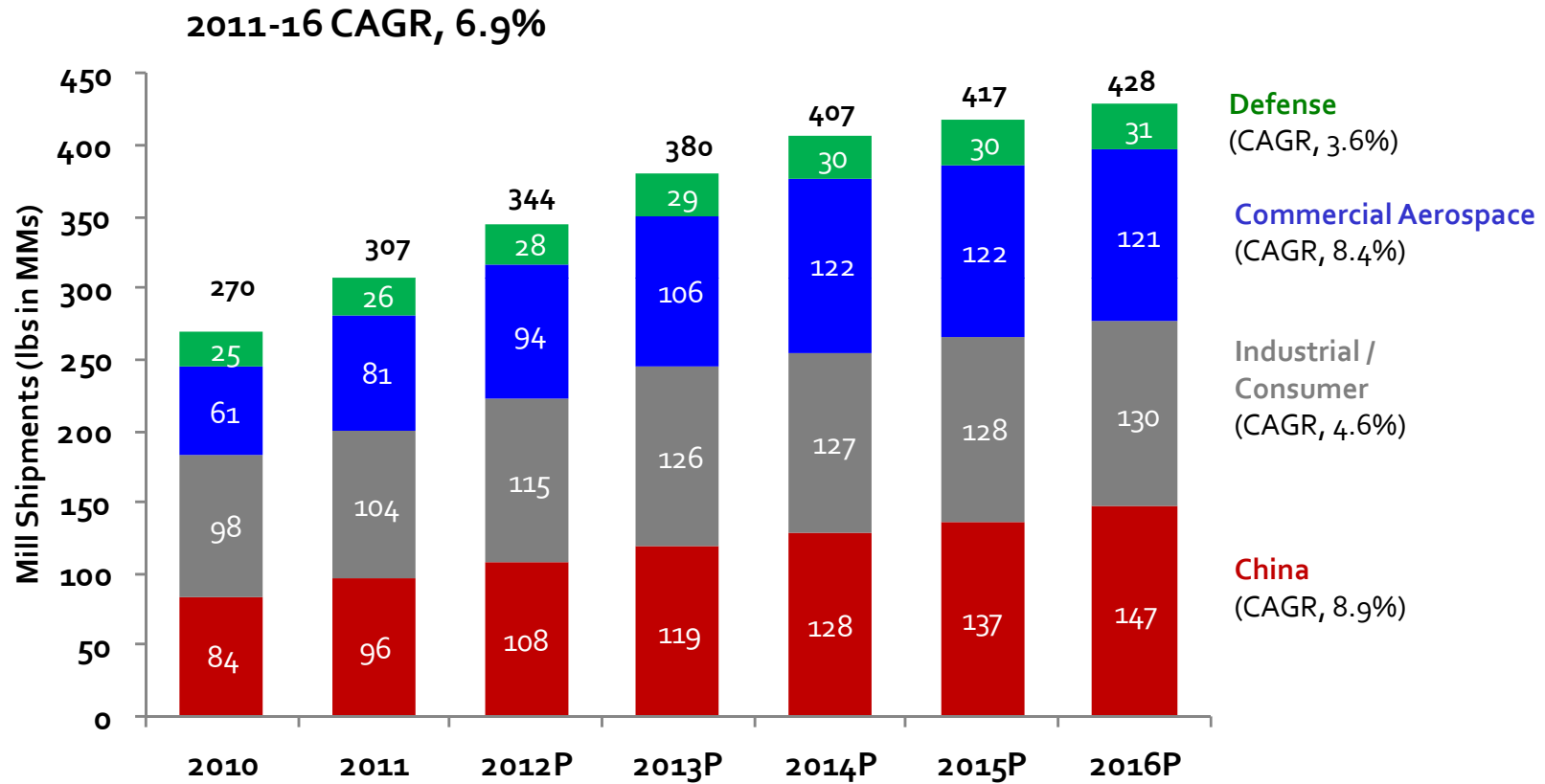
Integrated Business Model

Strong & Growing Relationships

Acquisitions & Joint Ventures

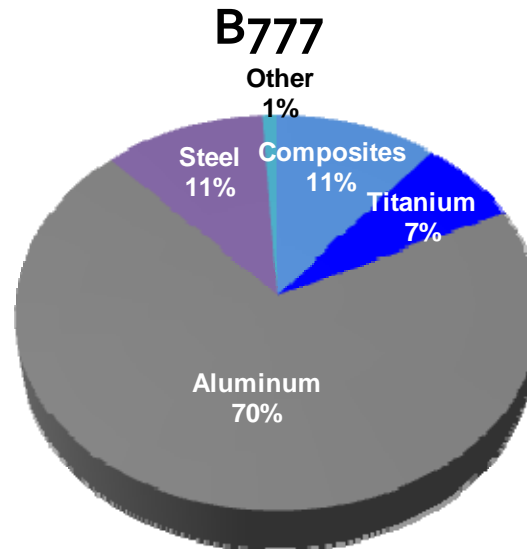
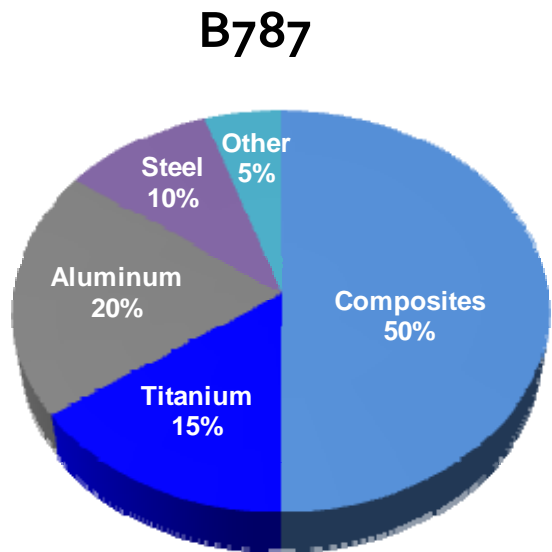
Financials

Worldwide Titanium Mill Product Forecast



Source: RTI estimates, Chinese Titanium Association, May 2012.

Comparison of B787 and B777 Materials Content



2009-2019 Growth Rates

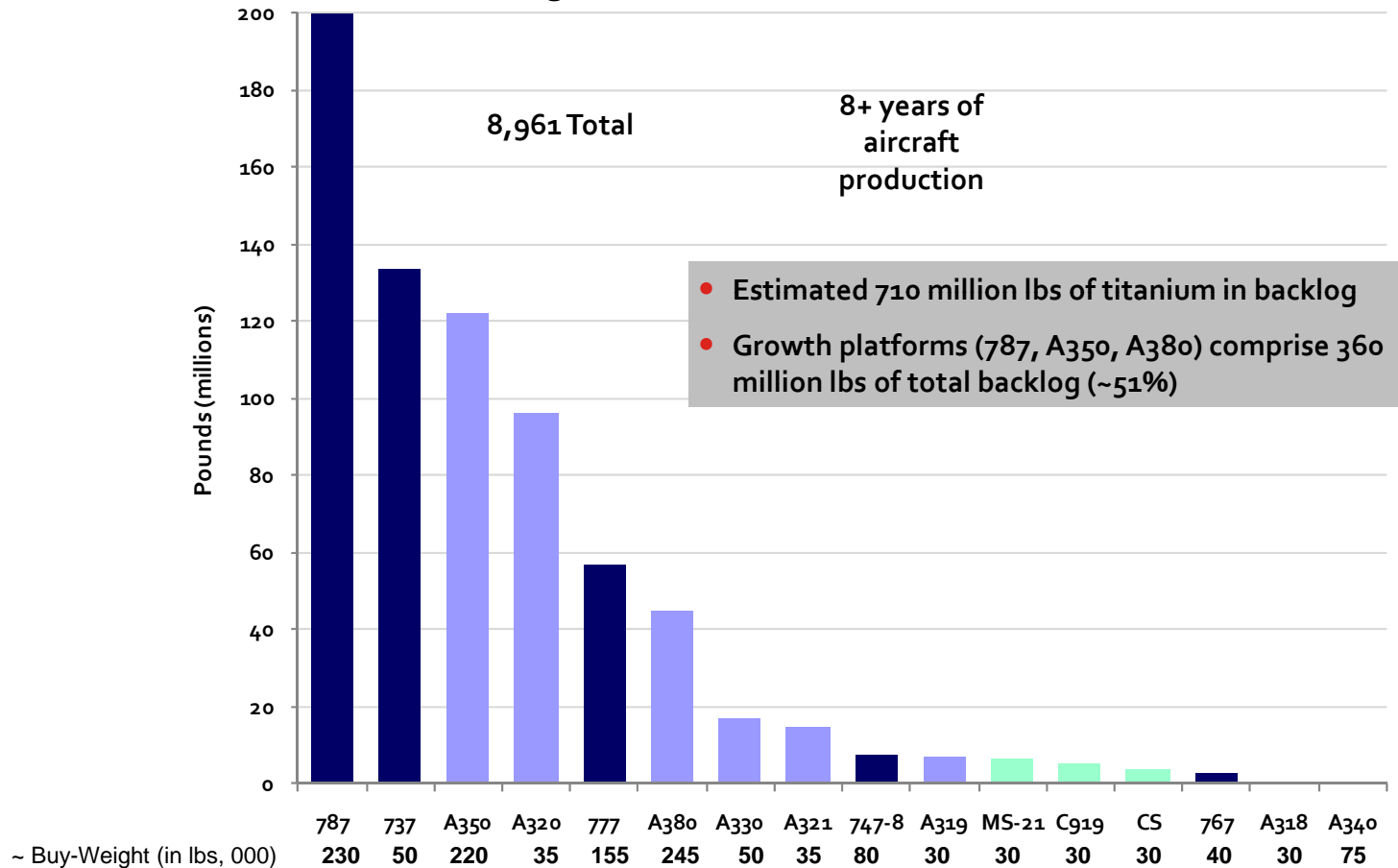
Material	Growth Rate
Aluminum	3.9%
Steel	2.8%
Nickel	2.6%
Titanium	8.5%
Other Materials	4.6%
Composites	9.7%

Source: AeroStrategy

Source: Boeing Co., D.A. Davidson.

Large Commercial Jet Backlog Buy-weights

Platform backlog, March 31, 2012



Source: Aerospace Market News; RTI estimates for airframe, fasteners, and engine, April 2012.

Platform Diversity

Only Titanium Company with Significant Airframe LTAs in Support of Top Four Platforms

Boeing 787



Total Forecasted Deliveries (2010 – 2030): 3,568

Lockheed Martin JSF



Total Program Estimate: >2,500 Aircraft

Airbus A350XWB



Total Forecasted Deliveries (2010 – 2030): 3,025

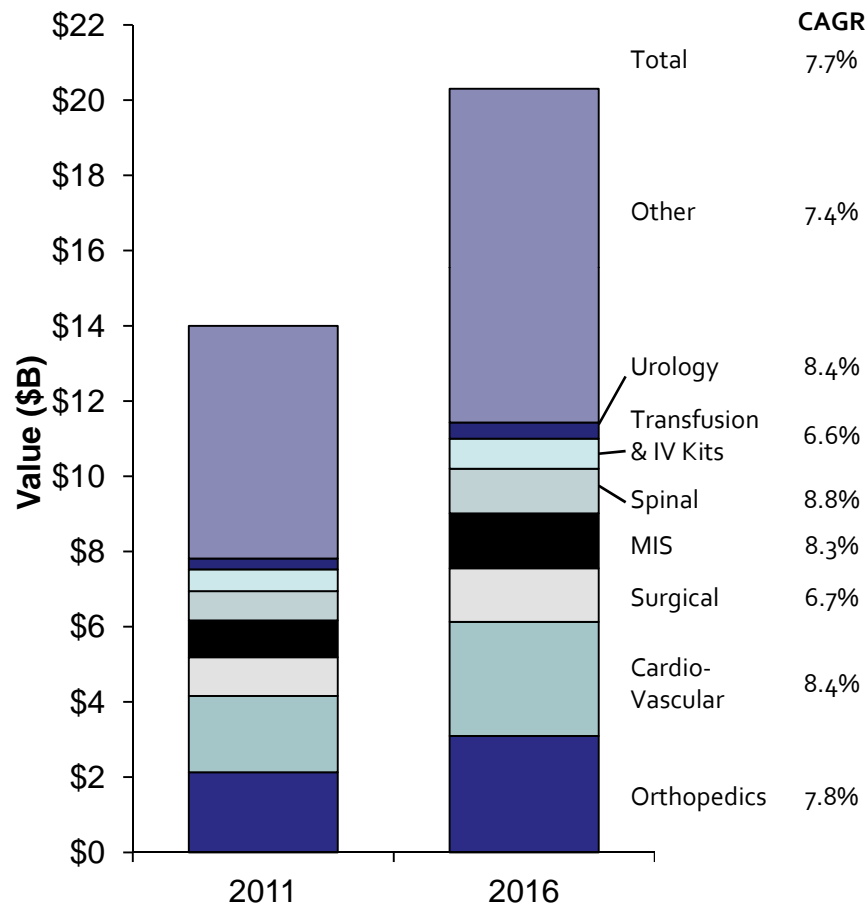
Airbus A380



Total Forecasted Deliveries (2010 – 2030): 712

Source: Airline Monitor, July 2011; Department of Defense

US Medical Devices Contract manufacturing market for therapeutics, 2011-16



- Average OEM contract manufacturing spend at 30% of COGS in 2011, growing to 33% of COGS in 2016

- The cardiovascular, minimally invasive surgery (MIS), and spinal segments are expected to drive significant growth

- New cardiovascular product launches

- Expanded treatment applications for MIS

- Increased volume and higher average price for spinal devices

Source: Deloitte Consulting, January 2012.



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Titanium Production and Competition

- Titanium production for the Aerospace industry is dominated by four mills

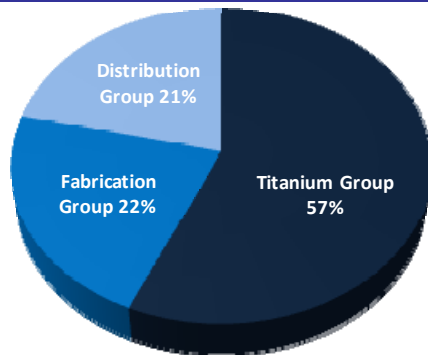
	2011E Capacity (lbs in millions)	2011E Shipments
Producer		
VSMPO	70,000	56,000
ATI	71,650	45,500
TIMET	98,000	35,500
RTI	20,000	14,700

- Mill capabilities vary but focus on raw material and basic manufacturing
 - OEMs looking for suppliers to do more fabrication—either directly or by managing subcontractors
 - RTI delivers integrated production allowing for greater partnering between RTI and customers

	Raw Materials	Tier 4	Tier 3	Tier 2
	Sponge	Ingot / Mill Products Forgings, Castings Extrusions	Fabrication (Built-to-Print) Cutting, Forming, Welding Machining	Assembled Detail Parts Engineering, Kitting Program Management
RTI		[Full Production Capabilities]		
VSMPO	[Raw Materials to Tier 3]			
ATI	[Raw Materials to Tier 3]			
TIMET	[Raw Materials to Tier 3]			
Sumitomo	[Raw Materials to Tier 3]			
Toho	[Raw Materials to Tier 3]			
UKTMP	[Raw Materials to Tier 3]			

RTI's Transformation Towards Value-added supplier

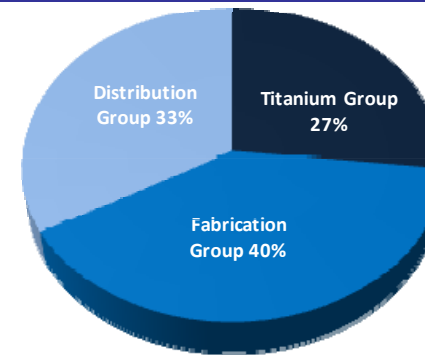
2000



Revenues: \$249.4 million

- Primarily mill product manufacturing
- Dependent on shorter term contracts
- 10 manufacturing sites

2012P



Revenues: > \$700 million

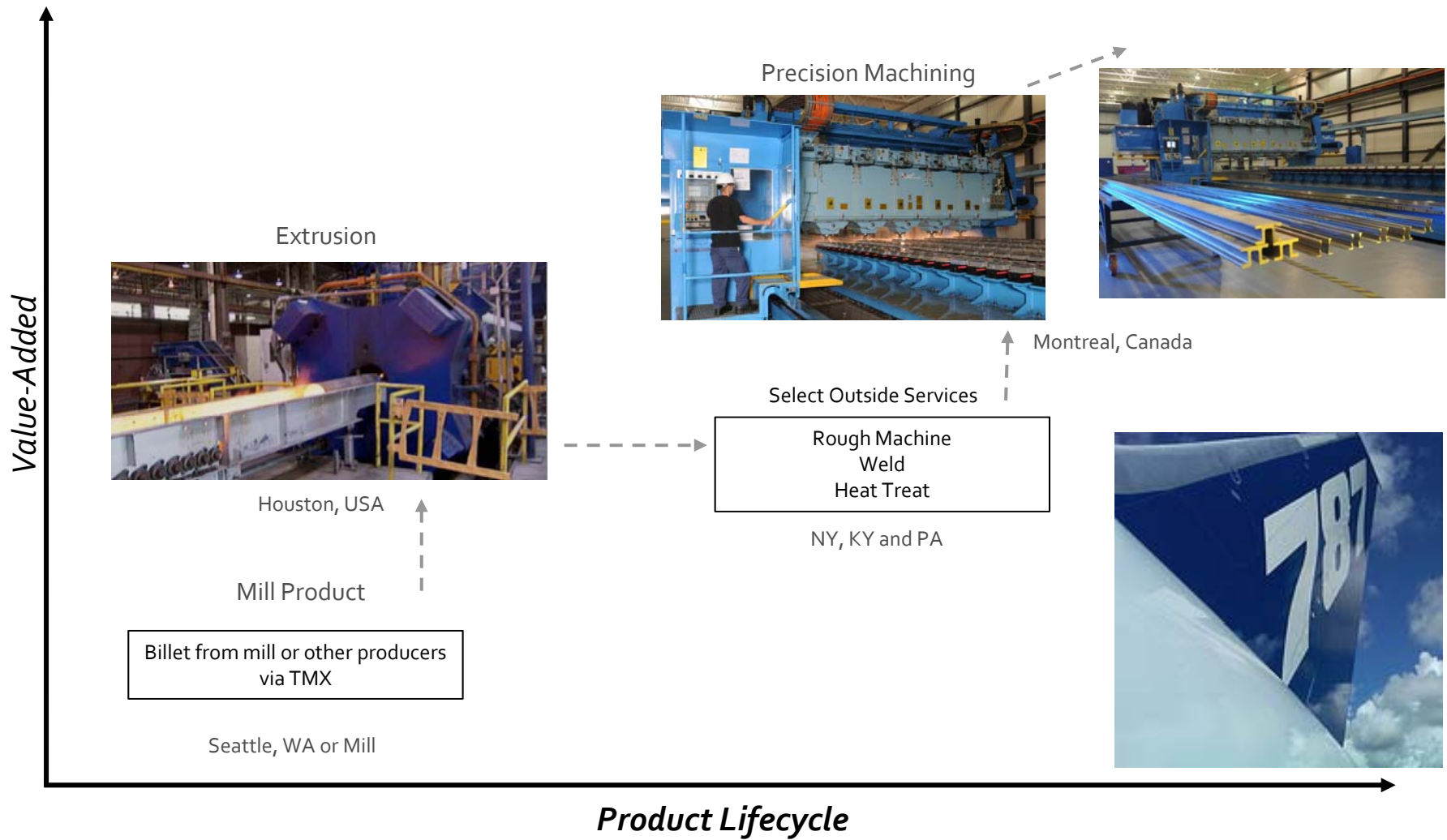
- Mill products and value-added component part manufacturing
- \$3.5+ billion in LTAs
- 15 manufacturing and distribution sites

- 1998 – Acquired specialty alloys manufacturer
- 1998 – Acquired a fabrication services provider

- 2000 – Acquired remaining 60% of French distributor
- 2004 – Acquired Montreal-based machining facility

- 2011 – Acquired Aeromet Forming
- 2012 – Acquired Remmele Engineering

Vertically-Integrated Supply Chain—B787 Seat Track





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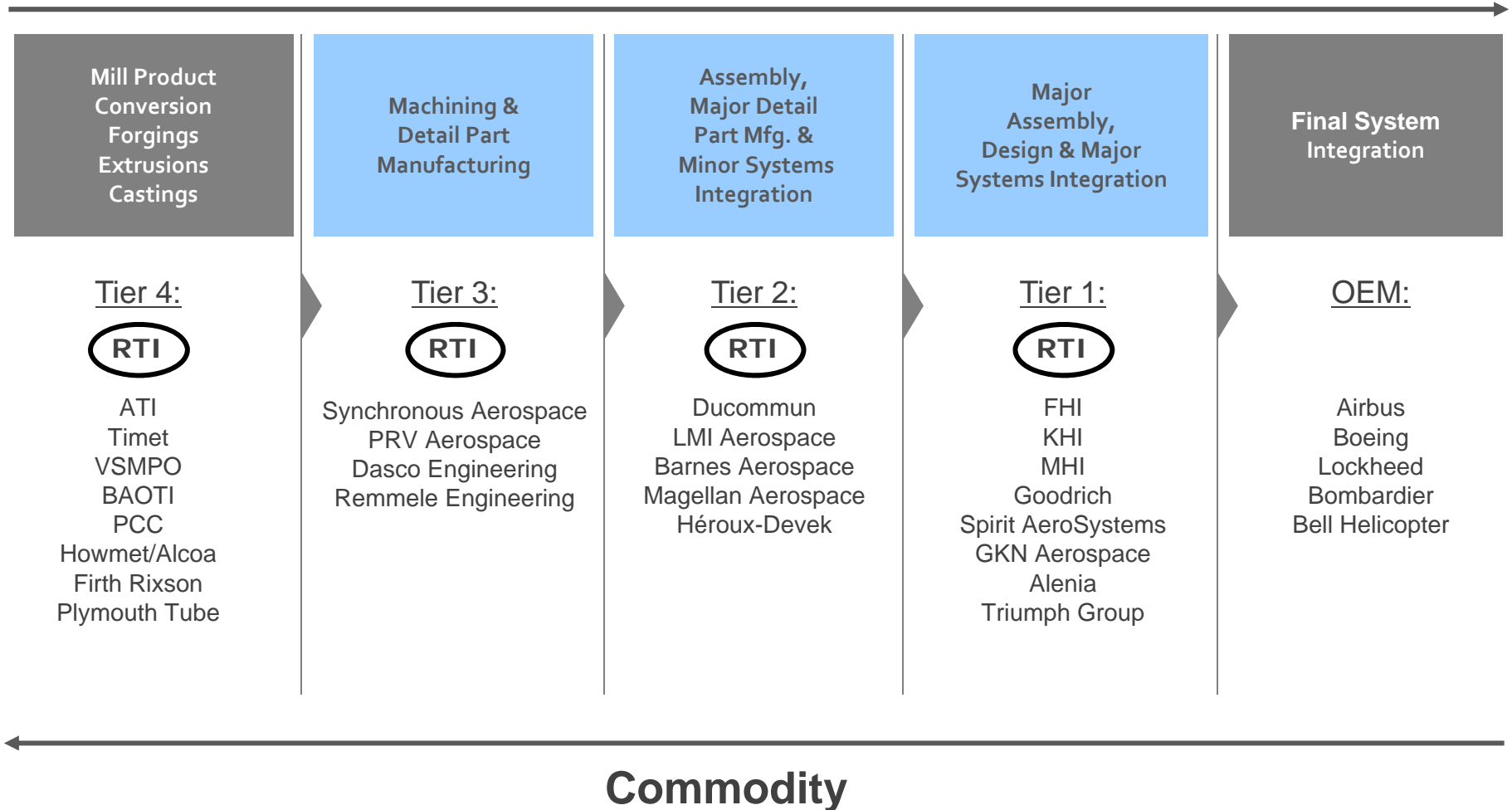
Financials

Select Long-Term Agreements

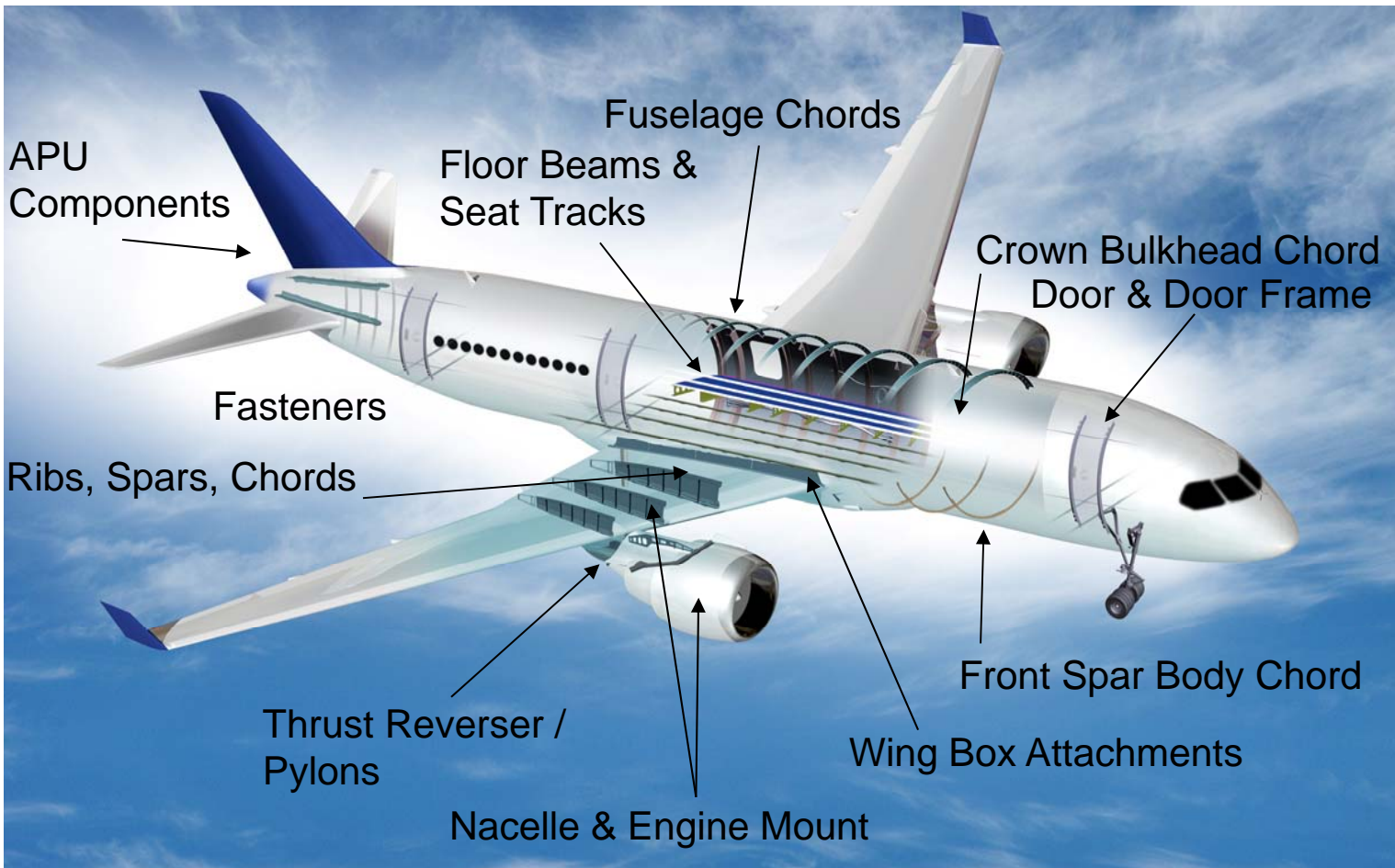
Customer	Platform	Expiration	\$MM	Comments
Mill Products				
	Commercial / Defense	2020	~ \$ 1,300	Minimum market share of 30% (up to 35%) of all titanium mill product requirements Multi-decade supply relationship
	JSF	2020	~ \$ 900	Supply first 8 million lbs of mill product annually Only existing titanium contract for program Multi-decade supply relationship
	Geared Turbofan Engine	2022	~ \$ 50	6246 billet to support various single-aisle engines, including the A320neo
Fabrication				
	787	2021	~ \$ 1,100	Supply seat tracks through Fabrication and Distribution groups Expected to generate in excess of \$100 million of revenue per year during full-rate production
	A320 / A350	2015 / 2020	~ \$ 150	Five-year work package for A320 flap tracks A350 seat track extrusions through 2020
 BOMBARDIER	Commercial / Defense	2013	~ \$ 85	Bell: renewal of existing contracts Bombardier: full life of program
			<u>~ \$ 3,585</u>	

Aerospace & Defense Supply Chain

Value Added



Titanium Aerostructure Applications

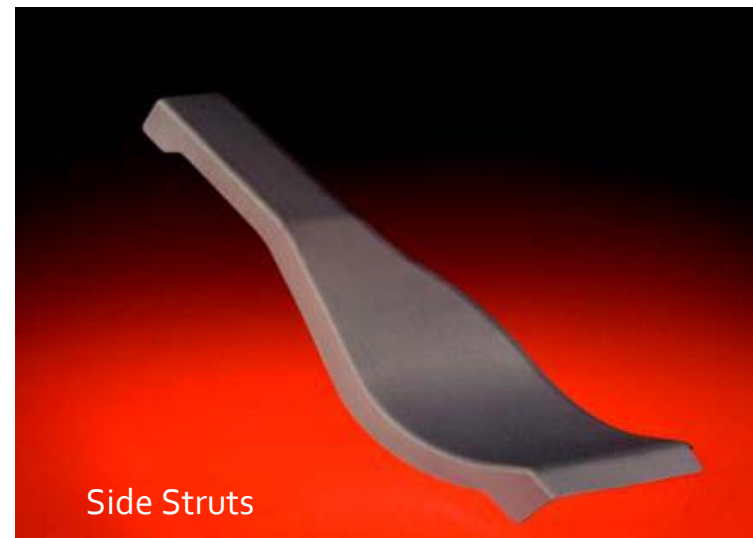


Note: The above artists rendering is generic in nature and is not intended to accurately represent any specific aircraft or precise locations of parts within. The rendering is designed solely to provide an approximation of some parts which can be produced from titanium.

787 Dreamliner Parts



Sample Hot-Formed and SPF Parts



Sample Hot-Formed and SPF Parts (cont.)





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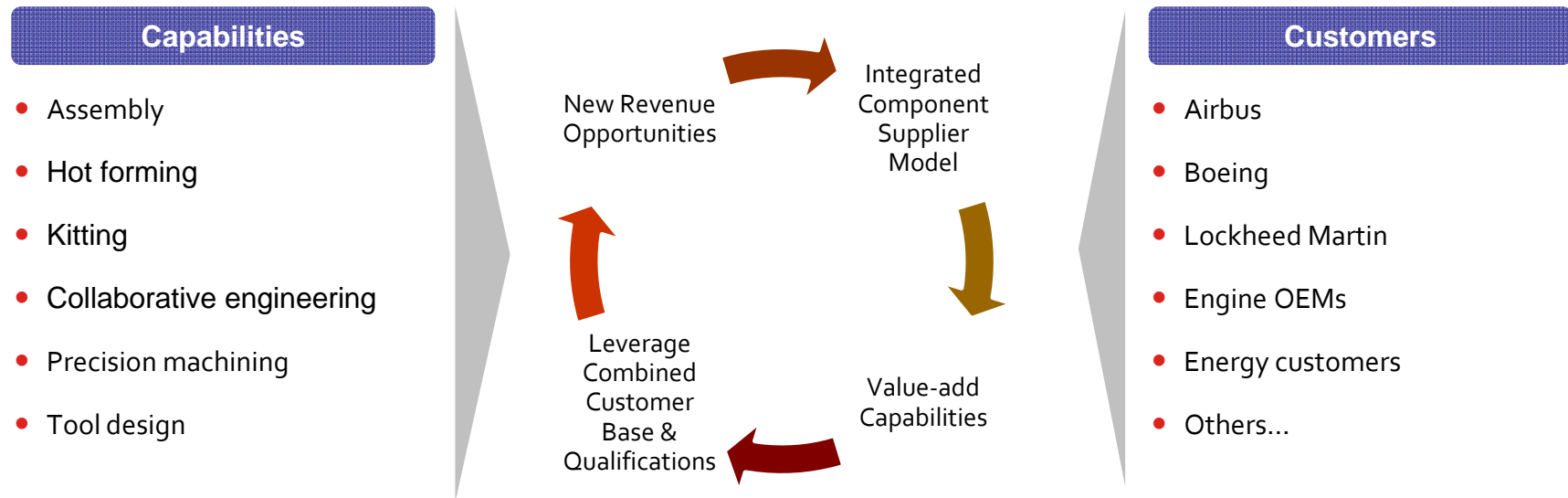
Financials

Focused Acquisition Strategy

- Drive vertical integration
- Expand product and service offerings
- Seek revenue synergies
- Enhance technological capabilities

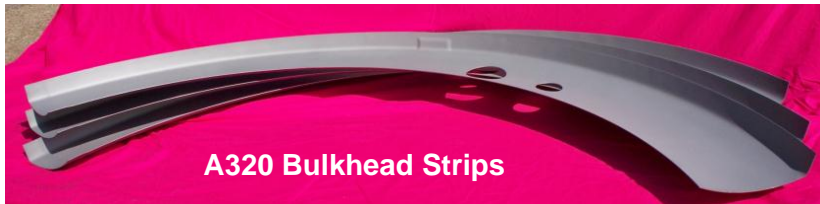


RTI Advanced Forming
Remmele Engineering



Advanced Forming Benefits

- RTI is now the only independent hot and super plastic forming company with facilities in the U.S. and Europe.
- Enables vertical integration and enables development and manufacturing partnerships with customers
- Adds approximately \$25 million of profitable sales
- Expands our hot forming fabrication capabilities beyond defense and into the commercial sector
- Fortifies RTI's engineering capabilities to enable customer partnering in engineering, assembling detail parts, kitting and program management.












Remmele Engineering Benefits

- Enhances leadership position as an integrated, value-added titanium manufacturer in the A&D segment
- Transaction builds on RTI's core strength in titanium manufacturing and is expected to enhance our engineering and precision machining capabilities
- Combination will offer superior support and capabilities
- Medical engineering processes and expertise can be used to enhance what RTI does currently on the aerospace side
- Fulfills the demand for customers looking to identify strategic partners in the supply chain
- Strong cultural alignment: Both companies share a commitment to excellent customer service and best-in-class manufacturing
- Transaction adds approximately \$125 million of profitable sales and is expected to be immediately accretive and will leave ample liquidity to pursue further growth opportunities



Positioned for Growth Throughout the Cycle

Representative Customers and Platforms

								
<ul style="list-style-type: none"> 787 C-17 737 747-8 F-15 F/A-18 	<ul style="list-style-type: none"> A320 A330 A340 A350XWB A380 A400 	<ul style="list-style-type: none"> JSF F/A-22 	<ul style="list-style-type: none"> Howitzer Bradley Eurofighter JSF 	<ul style="list-style-type: none"> CRJ Learjet Challenger 	<ul style="list-style-type: none"> Atlantis Mad Dog Deepwater Horizon 	<ul style="list-style-type: none"> S-76 S-92 Blackhawk Seahawk CH-53 	<ul style="list-style-type: none"> Bigfoot Jack / St. Malo 	<ul style="list-style-type: none"> 4 Series V-22 Osprey

Presence Throughout Value / Supply Chain RTI International Metals



Products and Capabilities



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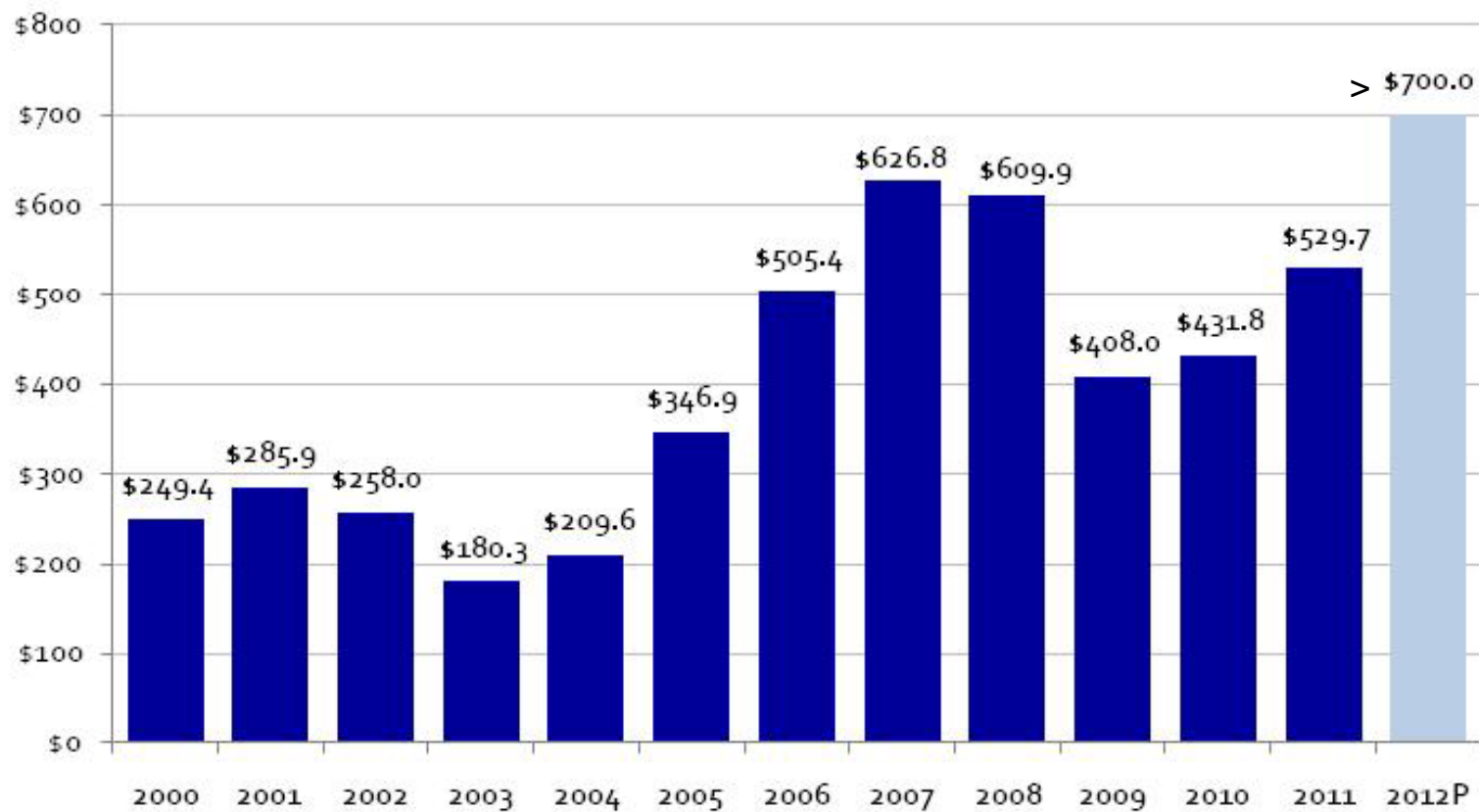
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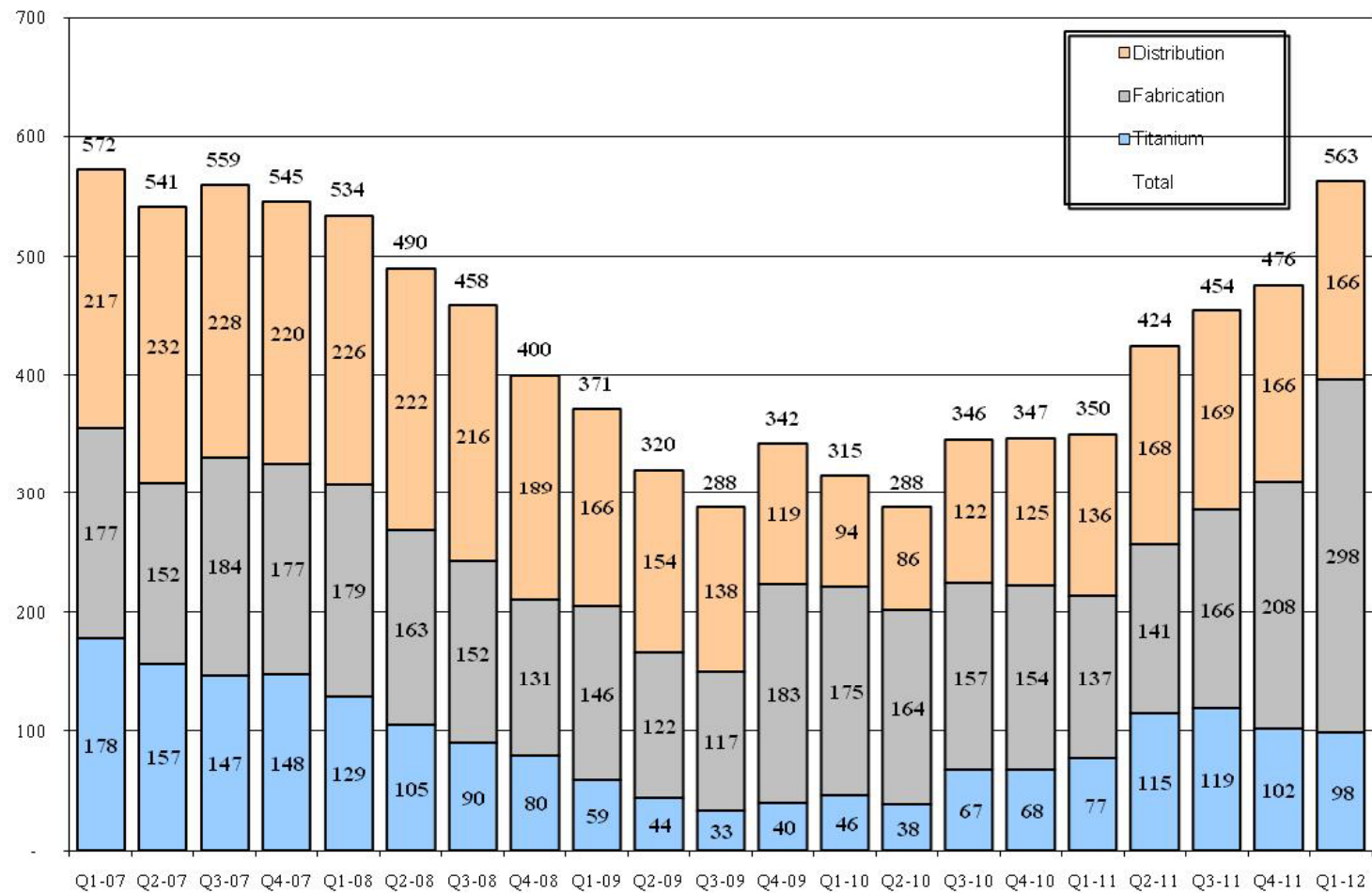
Financials

Historical Sales Trend

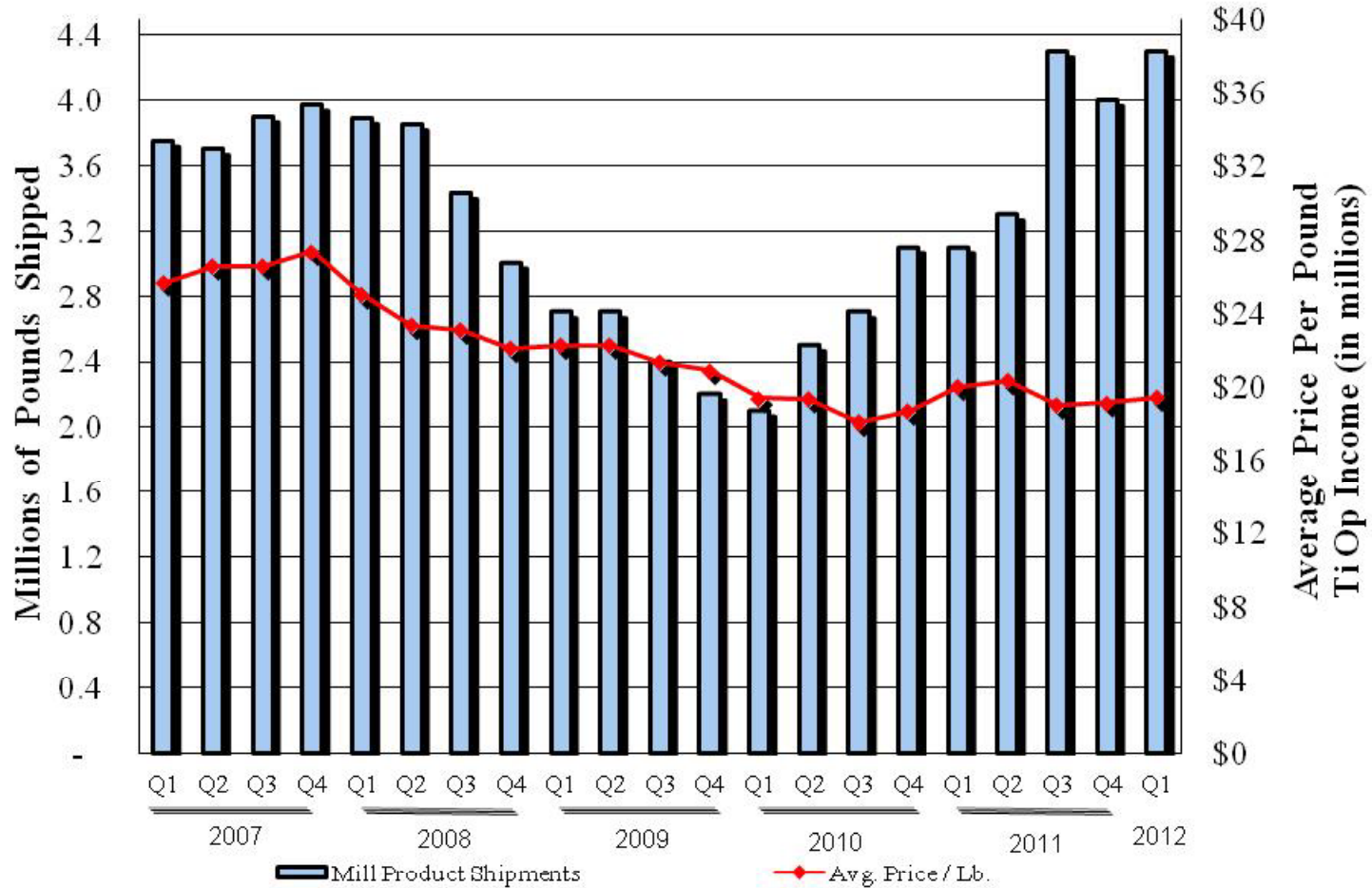


Order Backlog History

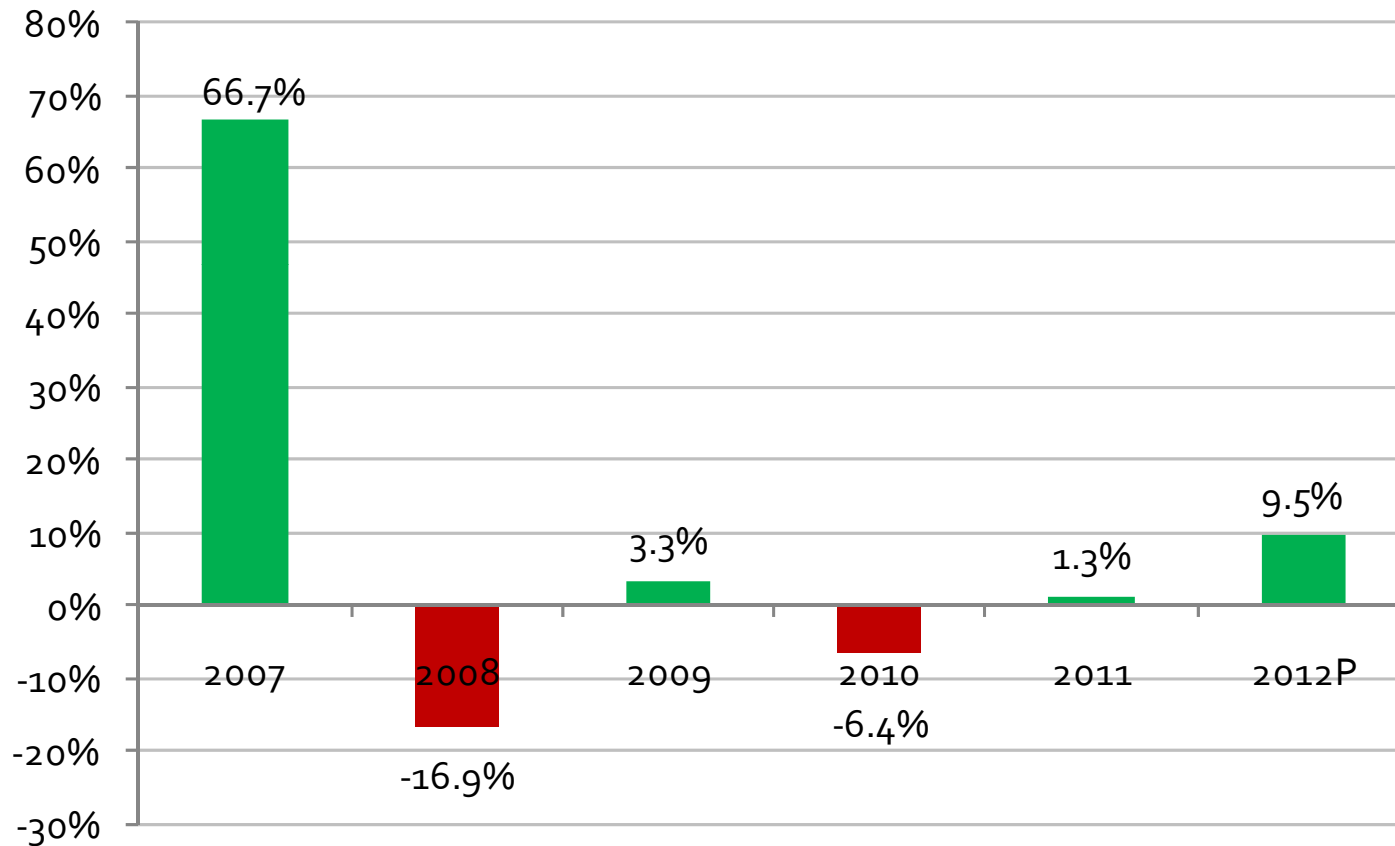
\$ - Millions



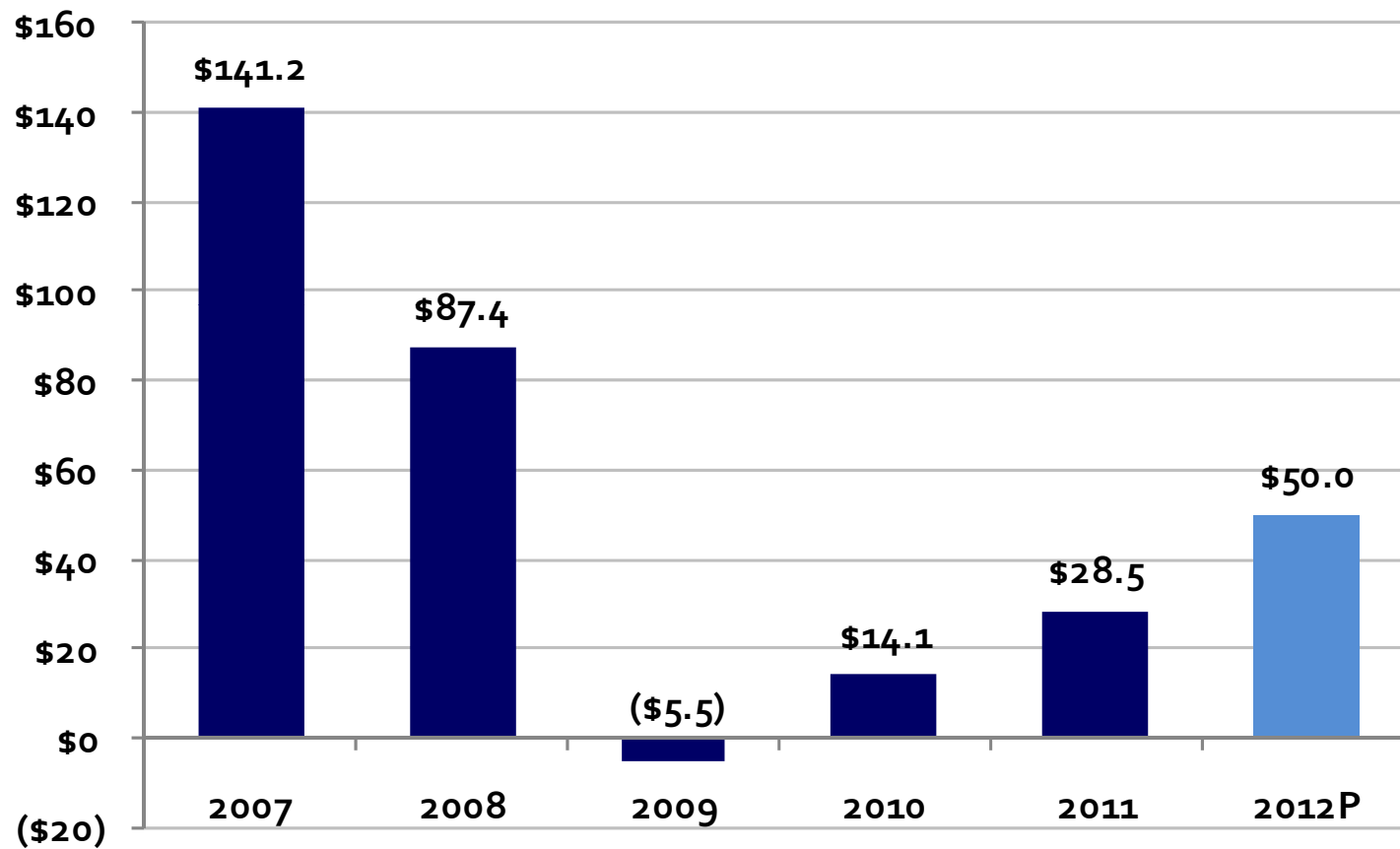
Mill Product Shipments



Sponge Percentage Price Change History



Historical EBIT Trend



Conclusion

Positioned in Front of a Major Inflection Point in Global Aerospace

RTI is the Purest Play in the Aerospace Sector

Fully Integrated, Downstream, Advanced Titanium Strategy

Over \$3.5 Billion of LTAs Through 2020

Strong Balance Sheet – Designed to be Opportunistic