Industrial Machinery Business

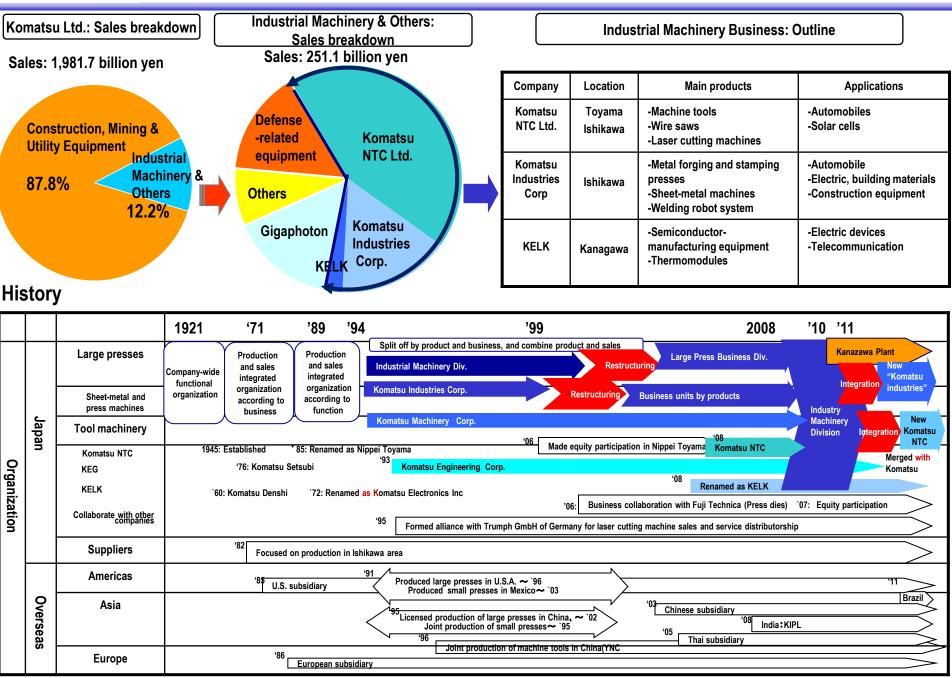
November 5, 2012

Tadashi Okada

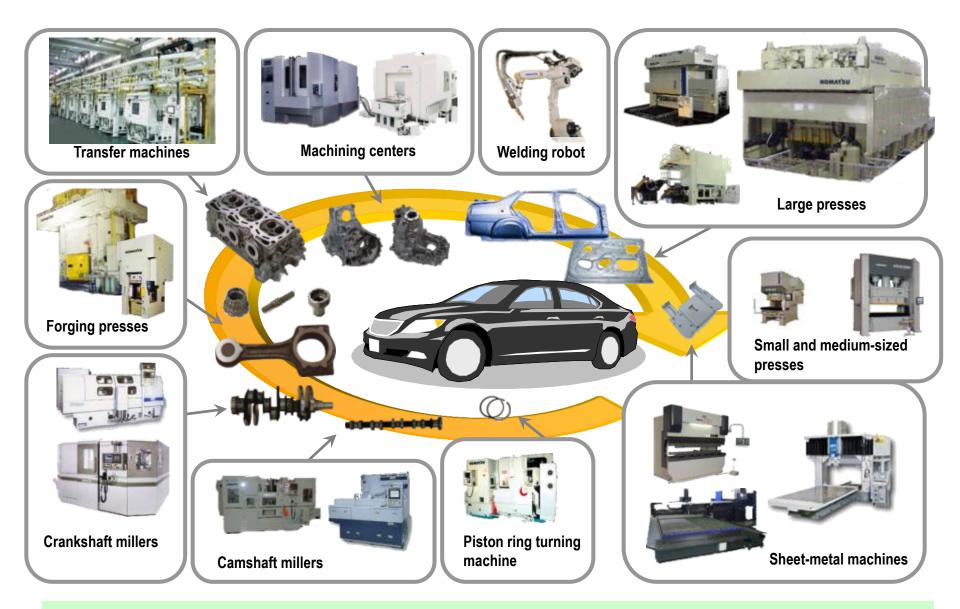
Senior Executive Officer, President of Industrial Machinery Division, Komatsu Ltd.

President, Komatsu Industries Corp.

KOMAT'SU Industrial Machinery Business (As of March 31, 2012)



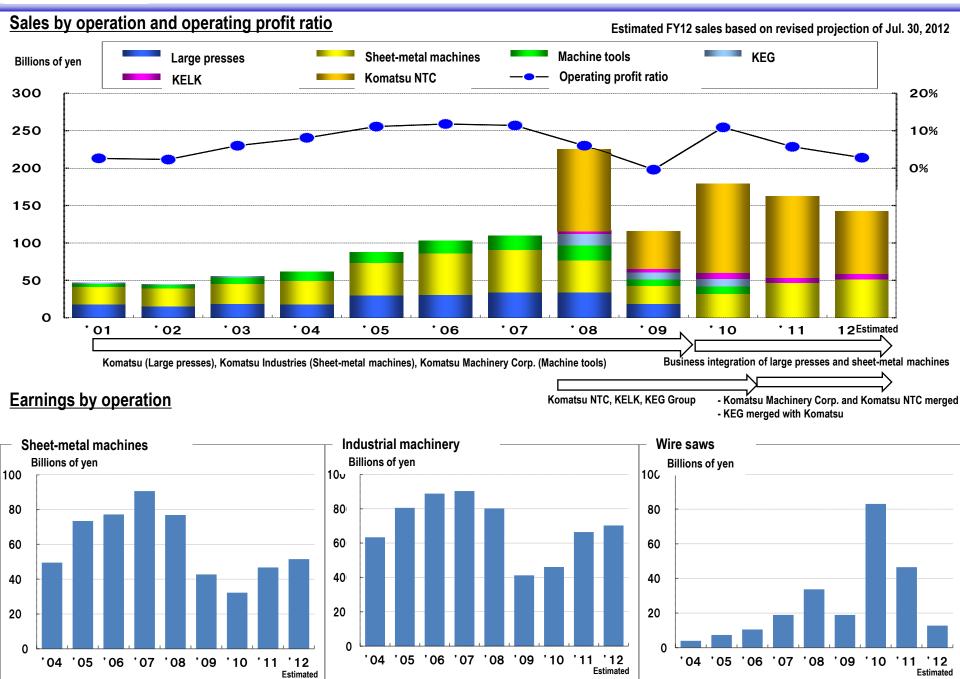
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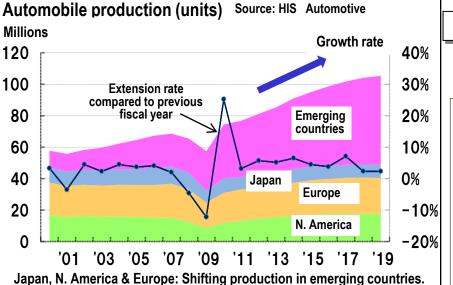
Komatsu's industrial machines are used in different processes of automobile manufacturing.

Market introduction Application Customers Main products Car body, interior panel Presses: Komatsu Industries Capacity:4000ton 3D laser cutting machine: Komatsu NTC Capacity:25ton COM AN NO 1956~69 Concentrate on Small size: 1972~ 1923~ 1981~ large presses Automobiles Cylinder block Crankshaft millers: Grinding machines: Transfer machine: Komatsu NTC head **Komatsu NTC** Komatsu NTC Engine Crankshaft 1959~ 1969~ 1971~ **CZ** silicon pulling **Temperature control unit:** Wire saws: Komatsu NTC **DI-water heater: KELK** equipment: Komatsu NTC Silicon wafers KELK Semi conductors 4 1991~ 1992~ 1984~ 1985~ Sheet-metal parts **Plasma cutting machine:** 2D-laser cutting machine: **Machining center: Komatsu NTC** Construction Komatsu Industries Komatsu NTC equipment, Electric Machining parts appliances, Building materials 1989~ 1983~ 1961~

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Market Outlook



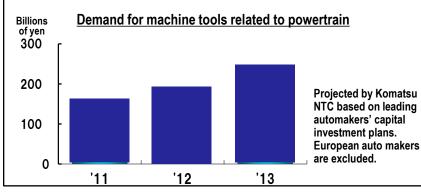
Japan, N. America & Europe: Shifting production in emerging countries. The production volume has increased an average of 5% per year. However, the rate of increase is declining.

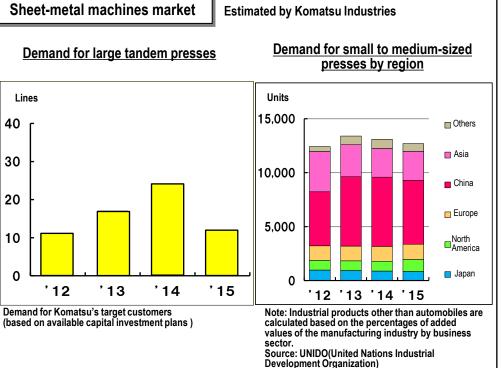
>> Investment in automobile manufacturing facilities is strong.

Industrial machinery market

Growth of eco-friendly cars: Downsized engines, Hybrid vehicles, Electric vehicles

>>Increasing investment in facilities related to powertrain (engines, drives)

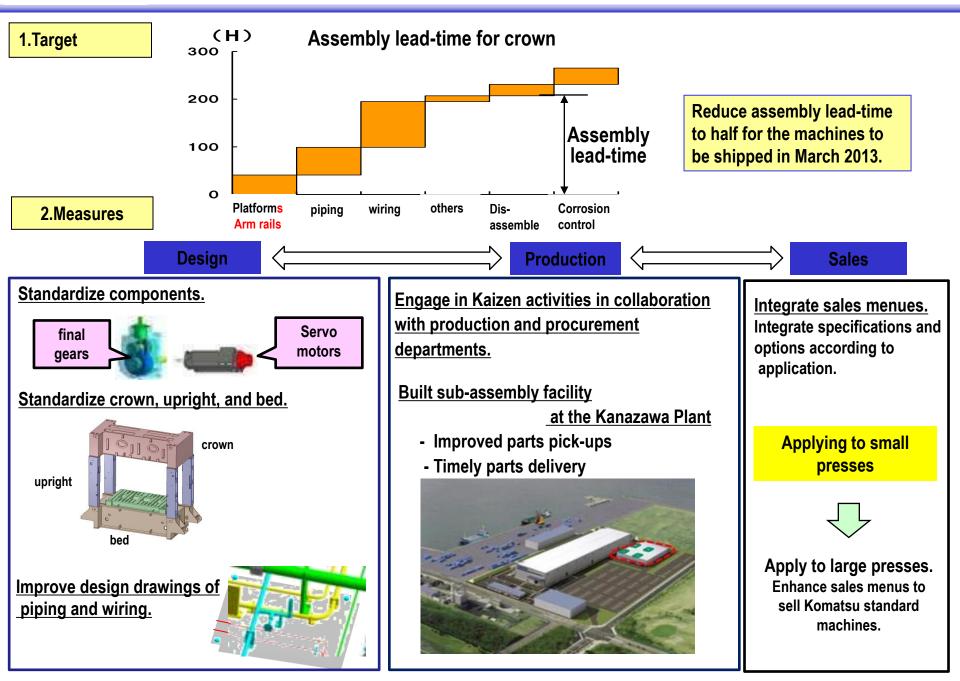






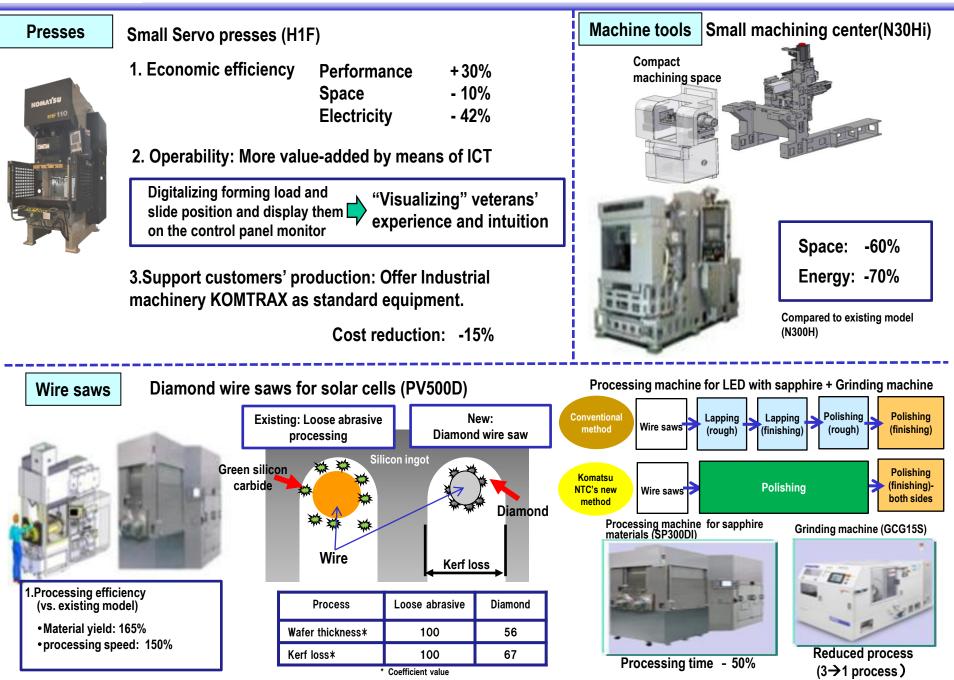
Business	Sheet-metal and press machines	Machine tools	Wire saws	Semi conductors	
Strengthen the foundation of business. Change into a business that would generate income stably from highly fluctuating demand.	Standardize (by modularizing) and reduce order-to-shipment lead time.				
	Expand service business(aftermarket).				
	•				
	Continue to improve production and fixed costs.				
Further growth 1. Product development & differentiation strategies	Develop world's leading DANOTSU products based on the key concepts of "Environment", "ICT", "Economy", and "Safety".				
	Differentiate key components.				
2.Expansion of business domains	Expand the range of applications of key technologies and products as well as business in the supply chain.				
	Offer proposals to improve customers' productivity and preventive maintenance by using ICT. Expand the range of applications of wire saws (LED substrates, etc.)		Launch thermoelectric generation business.		
3.Penetration into growth markets Reinforce business in Chinese and Asian markets.					

KOMAT'SU Improving Earnings of Large Presses: Reducing Assembly Lead-Time



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DANTOTSU Product Development



KOMAT'SU Strengthening Operation in Chinese and Asian Markets

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-Production of high value-added products in China for Chinese and Asia markets with long-term growth potential. -Reinforcement of production, sales, and service by utilizing synergy of our construction equipment plant (Changzhou) and existing NTC operation bases.

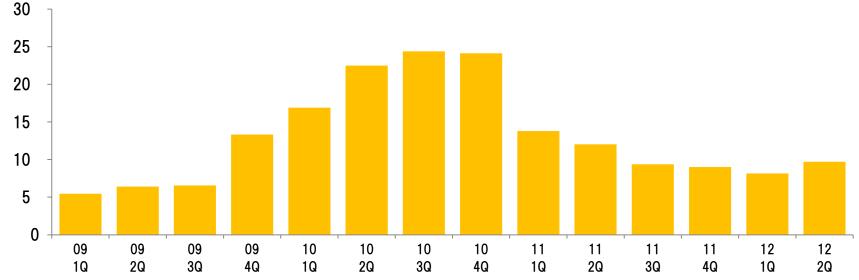
	Product	Production	Sales and service	
		■Began production at KCCM (Oct. 2011).	■Increase the number of employees at Chinese subsidiary (KIS).	
	Servo presses Small presses	Plasma cutting machine (Began production in Apr.2011)	■Win orders for customer–specific systems in collaboration with Chinese subsidiary (YNC).	
		Small presses and a second sec	Strengthen sales promotion to customers of former Komatsu Machinery (currently Komatsu NTC) and former Komatsu NTC by taking advantage of each other's strengths.	
Machine tool business	Full machining line for automobile engine parts	 Strengthened production at Chinese subsidiary (YNC). Collaboration with production in Japan. 	48 companies 6 NTC,YNC 15 KMC 39 15 18 Customer portfolio related to automobile production in China	
Wire saws	Diamond wire saws	Production in Japan (Build-to-order production management \rightarrow Parts production management)	Strengthen service operation at Chinese subsidiary.	

KOMAT'SU Industrial_Machinery Business Backlog Orders (As of Sep. 30,2012)



1.Orders received (monthly average)

Billions of yen: Monthly average



2.Backlog orders for main products

