

### Consolidated Financial Results (Comprehensive) For FY 2019

(April 1, 2019 through March 31, 2020)

Notes:

- 1) Tadano Ltd. provides this comprehensive financial results report in order to supplement the previously released quantitative report with qualitative information concerning business results for the period under review. Unless otherwise stated, no amendments have been made to the quantitative information herein.
- 2) Forward-looking statements contained in this report are based on information available as of the date this report was prepared. A variety of factors may cause actual results to differ from projections.

May 13, 2020

Tadano Ltd.

- ♦ The acquisition of the Demag Mobile Cranes business (Hereafter "Demag") was completed on July 31, 2019. In this report, information for Demag is treated as follows:
  - FY2019 Consolidated Financial Statements: B/S as of 31<sup>st</sup> December and P/L from August to December are included.
  - Demand: Crawler crane demand figures are not included.
  - Share: Sales unit figures for Demag products for January December 2020 are included.
- The consolidated business performance forecast for FY 2020 has not yet been formulated due to the difficulty in reasonably assessing the impact of the novel coronavirus disease (COVID-19). The forecast will be disclosed after it becomes possible to assess these matters to a higher degree.

## **Corporate Profile**

[Corporate name]	Tadano Ltd. (established August 24, 1948); founder: Masuo Tadano
(Demos and a firm)	Developed Japan's first hydraulic Truck Crane in 1955
[Representative]	Koichi Tadano, President and C.E.O., Representative Director
[Head office]	Ko-34 Shinden-cho, Takamatsu, Kagawa, Japan
[Major lines of business]	Production and distribution of Mobile Cranes, Truck Loader Cranes, and Aerial Work Platforms
[Sites]	Tokyo Office [Sumida-ku], Takamatsu Plant [Takamatsu], Shido Plant [Sanuki],
	Kozai Plant [Takamatsu], Tadotsu Plant [Tadotsu], Chiba Plant [Chiba]
[Other facilities]	Japan: 10 branch offices, 23 sales offices;
	Outside Japan: Beijing Representative Office [China], Middle East Representative Office [UAE], Moscow Representative Office [Russia], Bangkok Representative Office [Thailand]
[Paid-in capital]	¥13,021 million [Stock shares] Shares issued: 129 million
	Number of shareholders: 9,231 (as of March 31, 2020)
[Net sales]	¥227,949 million (FY 2019)
[Number of employees]	Consolidated: 5,084; non-consolidated: 1,438 (as of March 31, 2020)
[Subsidiaries]	39 subsidiaries, 3 affiliates
	*Increase of 8 subsidiaries and 1 affiliate due to the acquisition of Demag.
	Japan: 11 subsidiaries in total Tadano IMES Ltd., Tadano ILEC Ltd., Tadano S-TEC Ltd., and 8 other subsidiaries
	Europe: 13 subsidiaries in total
	Tadano Faun GmbH[Germany], Tadano Demag GmbH [Germany], and 11 other subsidiaries
	North America: 3 subsidiaries in total
	Tadano America Corp. [U.S.A.], Tadano Mantis Corp. [U.S.A.], and 1 other subsidiary
	Other: 12 subsidiaries in total
	Tadano Asia Pte. Ltd. [Singapore], Tadano Oceania Pty Ltd [Australia],
	Tadano Escorts India Pvt. Ltd. [India], Tadano (Thailand) Co., Ltd. [Thailand], and 8 other subsidiaries

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(Unit: millions of yen)									
	FY2018		FY2	019	Tada	-	Der	naq	Percent
	Amount	Percentage	Amount	Percentage	(Legacy b	usiness) Percentage	Amount	Percentage	change
Net sales	188,451	100.0%	227,949	100.0%	203,187	100.0%	24,762	100.0%	21.0%
Operating income	15,835	8.4%	15,623	6.9%	17,642	8.7%	-2,019	-8.2%	-1.3%
Ordinary income	15,604	8.3%	15,461	6.8%					-0.9%
Net income attributable to owners of the parent	11,462	6.1%	7,876	3.5%					-31.3%

	FY2018	FY2019
Capital investment	¥14,458 million	¥12,902 million
Depreciation	¥2,984 million	¥4,147 million
Exchange rate (USD)	¥110.43	¥109.05
Exchange rate (EUR)	¥130.42	¥122.07

\* Figures for capital investments include leased assets.

- \* The exchange rates given above are average rates for the period from January to December. (Subsidiaries outside Japan undertake their settlement of accounts in December.)
- ⇒ Capital investment made in FY2019 includes ¥7,537 million related to Kozai plant construction.

	Tadano egacy business)		Demag	
Amount	Percentage	Amount	Percentage	
203,187	100.0%	24,762	100.0%	21.0%
17,642	8.7%	-2,019	-8.2%	-1.3%
				-0.9%
				-31.3%

- Revenues increased, but profits declined
  - Record high sales due to the acquisition of Demag. On the legacy Tadano business basis, both revenues and profits increased.
- Sales increased both inside and outside Japan
- $\Rightarrow$ Net sales in Japan: ¥97.0 billion  $\rightarrow$  ¥104.5 billion (+7.7%) Sales of Mobile Crane and Truck Loader Cranes increased, and sales of Aerial Work Platforms remain unchanged.
- $\Rightarrow$  Net sales outside Japan: ¥91.3 billion  $\rightarrow$  ¥123.4 billion (+35.1%) Sales increased in all regions
- Outside Japan sales ratio :  $48.5\% \rightarrow 54.1\%$
- Operating income ratio:  $8.4\% \rightarrow 6.9\%$

### Income Statement (vs. Previous Fiscal Year)

				(Unit: milli	ons of yen)
	FY2	018	FY2	Increase/ Decrease	
	Amount	Percentage	Amount	Percentage	Declease
Net sales	188,451	100.0%	227,949	100.0%	39,497
Cost of sales	137,579	73.0%	170,764	74.9%	33,184
Gross proft on installment sales	117	-0.1%	-69	-0.0%	-186
Gross profit	50,989	27.1%	57,116	25.1%	6,126
Selling, general, and administrative expenses	35,153	18.7%	41,493	18.2%	6,339
Operating income	15,835	8.4%	15,623	6.9%	-212
Non-operating income and loss	-231	-0.1%	-162	-0.1%	69
Ordinary income	15,604	8.3%	15,461	6.8%	-142
Extraordinary income and loss	614	0.3%	-1,956	-0.9%	-2,571
Income before income taxes	16,218	8.6%	13,504	5.9%	-2,714
Corporate taxes	4,728	2.5%	5,705	2.5%	977
Net income attributable to noncontrolling interests	27	0.0%	-77	-0.0%	-105
Net income attributable to owners of the parent	11,462	6.1%	7,876	3.5%	-3,585

#### [Key Changes]

#### • Cost of sales ratio: $73.0\% \rightarrow 74.9\%$

• Despite the efforts to maintain appropriate sales prices and cost reductions, cost of sales ratio went up by 1.9% from the previous fiscal year due to the increase in production cost and changes in the composition of sold cranes.

#### Selling, general, and administrative expenses: ¥6,339 million increase

- Variable costs: + ¥607 million
- Personnel costs: + ¥1,363 million
- Other expenses:
  - : + ¥4,368 million

#### Non-operating income and loss:

- Non-operating income:  $\pm 537$  million  $\rightarrow \pm 1,198$  million
- Non-operating loss: ¥768 million  $\rightarrow$  ¥1,360 million

#### Extraordinary income and loss:

- Extraordinary income: ¥700 million  $\rightarrow$  ¥511 million
- Extraordinary loss: ¥86 million  $\rightarrow$  ¥2,468 million
- \* Extraordinary loss includes ¥2.4 billion of valuation loss on investment securities.

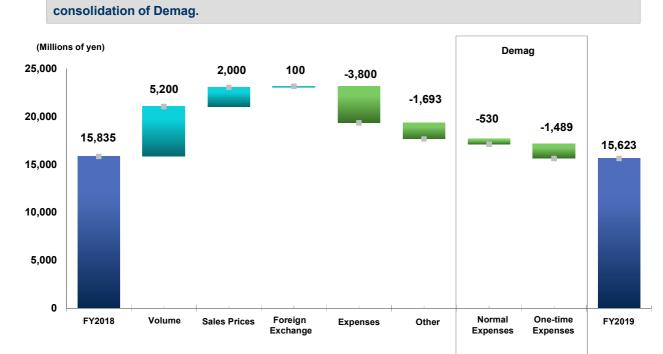
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### Income Statement (Major Factors Leading to Change in Operating Income)

 Aajor Factors Leading to Change in Operating Income)
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 Despite sales growth, operating income decreased by ¥200 million due to increased costs and



### Balance Sheet (vs. End of Previous Fiscal Year)

				(Unit: n	nillions of yen)	r
	FY20	018	FY2	019	Increase/ Decrease	[
	Amount	Percentage	Amount	Percentage	Decrease	
Cash deposits	65,952	25.8%	57,075	18.3%	-8,876	
Accounts receivable	50,836	19.9%	63,725	20.4%	12,888	
Inventories	62,757	24.5%	97,457	31.2%	34,700	
Other current assets	6,610	2.6%	11,723	3.8%	5,112	
Total current assets	186,156	72.8%	229,982	73.7%	43,825	
Tangible fixed assets	52,597	20.5%	66,417	21.3%	13,819	
Intangible fixed assets	1,703	0.7%	1,705	0.5%	1	
Investment and other assets	15,336	6.0%	13,942	4.5%	-1,394	
Total fixed assets	69,637	27.2%	82,064	26.3%	12,427	
Total assets	255,793	100.0%	312,047	100.0%	56,253	ļ
						[
Accounts payable	41,792	16.3%	40,745	13.1%	-1,046	l
Interest-bearing debt	30,165	11.8%	63,070	20.2%	32,905	
Other liabilities	28,810	11.3%	48,621	15.6%	19,811	
Total liabilities	100,768	39.4%	152,437	48.9%	51,669	
Total equity	155,025	60.6%	159,609	51.1%	4,583	
Total liabilities and equity	255,793	100.0%	312,047	100.0%	56,253	l

#### Key Changes]

#### Accounts receivable increased: ¥50.8 billion → ¥63.7 billion (¥63.7 billion total includes ¥7.2 billion at TDG)

⇒ The receivable turnover period improved. (FY2018: 98.5 days→ FY2019: 88.7 days)

#### ♦ Inventories increased: ¥62.7 billion → ¥97.4 billion

- (¥97.4 billion total includes ¥18.2 billion at TFG and ¥27.0 billion at TDG)
- ⇒ The inventory turnover period deteriorated. (FY2018: 121.5 days→ FY2019: 135.6 days)

#### ♦ Interest-bearing debt increased: ¥30.1 billion → ¥63.0 billion

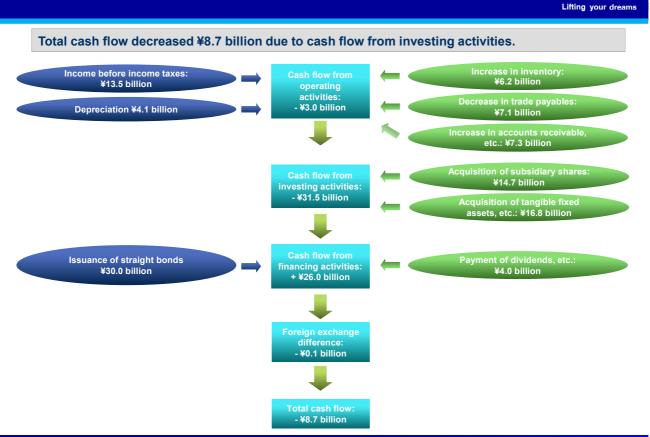
- ⇒ Short-term: decreased by ¥0.1 billion
  - Long-term: increased by ¥33.0 billion
- \*Straight bonds below were issued on Dec 13, 2019. 7-year bond : ¥15.0 billion
  - 10-year bond : ¥15.0 billion
- ♦ ROA (Based on operating income)  $6.3\% \rightarrow 5.5\%$

♦ ROE 7.6% → 5.0%

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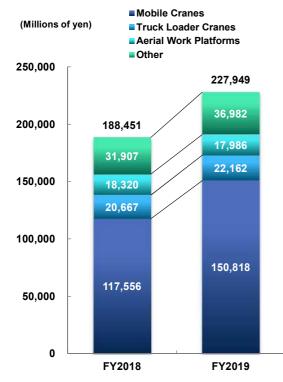
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### **Overview of Cash Flow**



# Net Sales by Product





					(Unit: milli	ons of yen)	
	FY2	018	FY2	019	Increase /	Increase / Decrease	
	Amount	Percentage	Amount	Percentage	Amount	Percentage	
Mobile Cranes	117,556	62.4%	150,818	66.2%	33,262	28.3%	
Truck Loader Cranes	20,667	11.0%	22,162	9.7%	1,495	7.2%	
Aerial Work Platforms	18,320	9.7%	17,986	7.9%	-333	-1.8%	
Other	31,907	16.9%	36,982	16.2%	5,074	15.9%	
Total	188,451	100%	227,949	100%	39,497	21.0%	

54.1% Outside Japan Sales Ratio: 48.5%

Breakdown of Mobile Crane Sales Inside and Outside Japan

Japan	42,250	47,833	5,583	13.2%
Outside Japan	75,306	102,984	27,678	36.8%

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### Sales Trends by Market Outside Japan

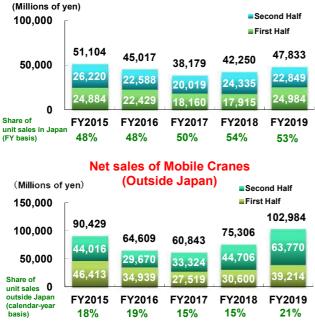
Sales grew 35.1% compared to the previous fiscal year. (Millions of yen) Sales grew 27.4% in Europe, 34.0% in North America, 366.1% in Caribbean, Central and South America, 4.5% in Asia, and 67.5% in Middle East. 140,000 Sales in North America, Caribbean, Central and South America for FY 2019 120,000 were a record high 100,000 80,000 The GR-1600XL, one of the world's largest capacity Rough Terrain Cranes 60,000 40,000 20,000 0 FY 00 FY 01 FY 02 FY 03 FY 04 FY 05 FY 06 FY 07 FY 08 FY 09 FY 10 FY 11 FY 12 FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 Europe 11,435 12,510 9,754 10,893 11,978 12,000 16,292 19,170 25,566 29,630 19,196 12,739 11,643 16,844 20,211 22,844 20,701 16,849 19,122 24,363 North America 2,739 2,755 2,671 3,402 4,547 9,798 12,324 18,342 20,145 15,301 6,616 13,938 20,406 27,782 36,836 39,127 25,438 29,428 40,412 54,163 Caribbean, Central and 948 586 287 457 866 1.721 2.420 2.542 2.722 887 1.691 3.012 2.201 2.449 3.475 826 1.513 1.014 1.445 6.735 South America Asia 4.225 4.368 5.362 5.185 4.888 4.749 7.861 12.069 10.954 9.680 6.603 9.190 10.982 16.923 16.383 17.083 13.694 12.089 13.775 14.40 Middle East 2,142 3,098 3.602 5.663 7,347 8.507 11,708 13,878 15,836 5.948 6.686 7.432 10.090 18.167 17.052 17.680 10.375 9.699 6,156 10,312 Other 13,320 956 1,524 2,066 7,409 10,063 7,654 9,970 6,881 5,683 10,469 13,444 3,696 4,634 5,790 9,158 5,177 3,939 9,576 7,069 Tota 22,379 22,072 24,968 30,384 34,285 46,859 60,894 81,557 89,354 56,191 38,277 52,872 66,160 95,487 103,535104,444 77,406 76,152 91,381 123,42 Outside Japan Sales Ratio 23.8% 25.0% 30.1% 31.4% 33.7% 38.8% 42.1% 46.8% 54.9% 53.9% 42.6% 46.3% 49.1% 52.5% 50.7% 49.9% 43.1% 43.8% 48.5% 54.1% Exchange rate (USD) 107.83 121.54 125.35 115.99 108.24 110.21 116.38 117.84 103.46 93.57 87.81 79.84 79.82 97.65 105.85 121.05 108.84 112.19 110.43 109.05 99.63 108.8 118.41 131.03 134.47 136.92 146.14 161.24 152.44 130.2 116.39 111.12 102.63 129.68 140.42 134.31 120.33 126.67 130.42 122.07 Exchange rate (EUR)

Notes

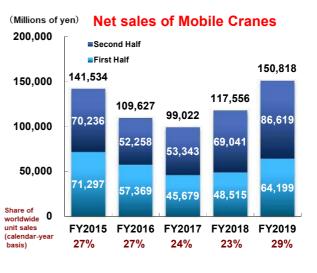
 Other markets comprise Oceania, Africa, and the CIS.
 The exchange rates indicated above are average rates over each period. (Since the fiscal year of subsidiaries outside Japan ends in December, full-year rates are averages for January-December.)

· Euro figures for FY2001 and earlier have been converted from Deutsche Mark.





Net sales of Mobile Cranes (Japan)



Shares are rounded to the nearest whole share.

Shares include sales of Demag products from January to December.

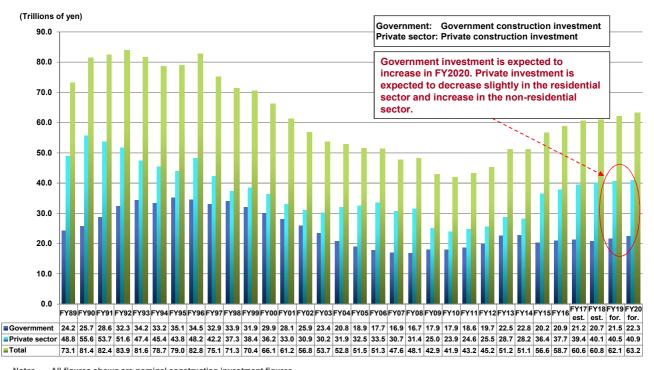
Trends and Forecast of Construction Investment in Japan

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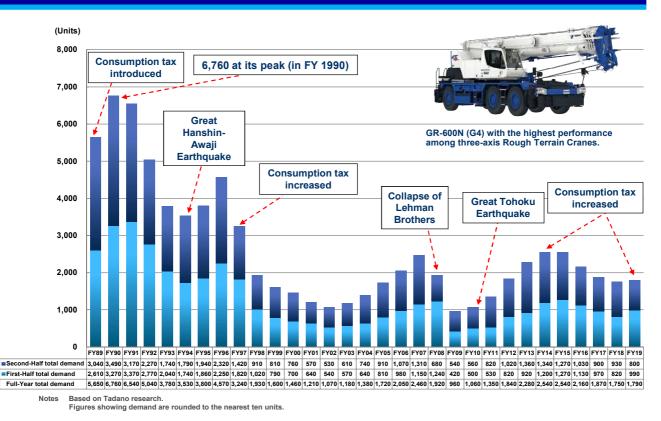


Notes All figures shown are nominal construction investment figures. Forecasts are from the Research Institute of Construction and Economy's "Forecast of Construction Investment" (released on January 30, 2020).

### Trends in Demand for Mobile Cranes in Japan

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### Mobile Cranes

Market share in Japan:  $54\% \rightarrow 53\%$  \*Figures showing demand are rounded to the nearest ten units, while shares are rounded to the nearest whole share.

Demand for hydraulic Mobile Cranes in Japan was 1,790 units (for FY2019, based on Tadano research), up 2% from the previous fiscal year.

⇒ Focusing on sales growth of large scale models in a climate of stagnated demand. This focus resulted in an increase in the percentage share of tonnage in Japan from 47% to 55%. Net sales in Japan were ¥47,833 million (113.2% of the previous fiscal year).

GR-1000N(G4)

### [Rough Terrain Cranes]

- Main models in the Japanese Mobile Cranes business account for 94% of demand in Japan (56% of North American demand)
- Cranes suited to urban use; essential to construction in urban areas. With compact bodies, these cranes perform well even in narrow areas (both front and rear axle steering)
- Able to operate the carrier and the crane from the same driver's seat
- Japanese market: 8 models with 13 to 100 ton lifting capacity (produced by Tadano Ltd.)
   Markets outside Japan: 15 models with 13 to 145 ton lifting capacity (produced by Tadano Ltd.
- and Tadano Escorts India Pvt. Ltd.) • 20 models out of 23 have Hello-Net Telematics
- In Japan, these cranes travel on public roads;
   In North America, they are transported on trailers

### [All Terrain Cranes]

Large cranes for urban development, elevated driveways, and bridge construction in Japan, account for

5% of demand in Japan (85% of European demand)

 Outstanding long-distance mobility in addition to maneuverability (with versatile steering)



- Markets outside Japan: 14 models with 40 to 400
- ton lifting capacity (produced by Tadano Faun GmbH in Germany) • Japanese market: 7 models with 100 to 550 ton lifting capacity (produced by Tadano Faun GmbH in Germany and Tadano Ltd. in Japan)
- 15 models out of 21 have Hello-Net Telematics
- Demag brand: 15 models with 40 to 1,200 ton lifting capacity
- Disassembly required for transport on public roads in Japan. No disassembly required for transport in Europe

### [Truck Cranes]

- Cranes mounted on truck chassis for superior roadability;
- primarily for markets outside Japan, with demand in Japan accounting for a few units
- Outstanding long-distance mobility
- Japanese market: 3 models
- with 13 to 35 ton lifting capacity (produced by Tadano Ltd. in Japan) • Markets outside Japan: 6 models with 30 to 75 ton lifting capacity
- (produced by Tadano Ltd. in Japan, Tadano Faun GmbH in Germany) • 5 models out of 9 have Hello-Net Telematics.

### [Crawler Cranes]

- Cranes mounted on undercarriage equipped with crawler tracks
- Outstanding mobility on rough terrain and soft foundations
- Transported on trailers from job site to job site

#### Lattice boom type

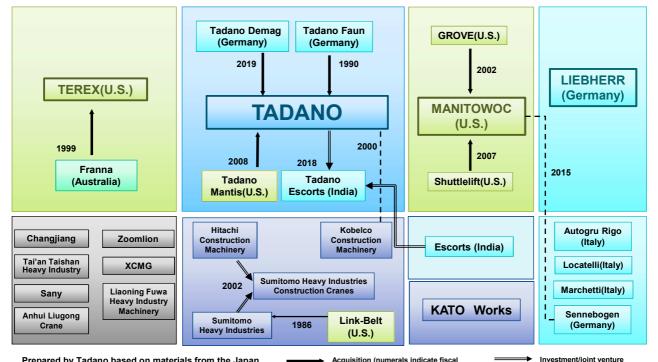
- Used for heavy construction (bridges, wind turbines, plants, etc.)
- Markets inside and outside Japan: 7 models with 400 to 3,200 ton lifting capacity on sale under the Demag brand (produced by Tadano Demag GmbH in Germany)

#### Telescopic boom type

- Used for utility work and construction, as well as for operations on rough terrain, on muddy terrain, and in tunnels.
- Markets outside Japan: 10 models with 35 to 120 ton lifting capacity (produced by Tadano Mantis Corporation in the United States)

# Structure of the World Crane Industry

(Manufacturers of Hydraulic Cranes and Crawler Cranes)



Prepared by Tadano based on materials from the Japan Construction Equipment Manufacturers Association.  Acquisition (numerals indicate fiscal year of acquisition)

 Partnership (numerals indicate fiscal year of partnership)



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#### TADANO Trends in Global Demand for Mobile Cranes (Calendar-year Basis) Colored lines indicate trends in annual demand as a percentage of the Note: trough base year having the lowest demand in each market (assigned the value 1) (In North America and Europe the bottom year was 2010, and in Japan (Units) it was 2009.) Peak year Bottom year 14,000 World demand collapsed by 56% over the two-year period following the economic shock spurred by the collapse of Lehman Brothers. Since peaking in 2013, demand outside Japan has trended downward and bottomed out in 2017. 12,000 Europe North America 10,000 Japan A crane that has the largest lifting capacity among our two-axis rough terrain cranes. GR-1200XL : launched in August 2017 (for outside Japan) 8,000 6,000 4,000 2,000 0 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 1995 Europe 1,270 1,500 1,700 2,110 2,270 2,390 2,290 2,030 2,000 1,940 2,050 2,120 2,490 3,000 2,000 1,100 1,160 1,160 1,200 1,200 1,400 1,480 1,200 1,500 1,370 1,780 2,000 2,610 2,470 2,280 1,490 1,180 550 1,100 1,610 2,400 2,990 3,580 1,430 510 1,640 2,350 2,390 1,960 1,460 1,000 1,160 1,610 North America 870 1,030 1,380 900 660 570 810 750 900 1,880 1,610 2,260 2,830 7,820 2,040 2,620 3,290 3,680 3,970 2,860 2,900 3,340 3,510 4,310 5,620 5,220 5,240 4,590 3,960 2,880 4,120 4,940 6,130 7,740 9,410 5,250 4,050 5,620 5,240 5,330 6,330 6,350 6,330 6,340 5,730 6,750 3,710 4,380 3,820 2,150 1,670 1,490 1,350 1,610 1,960 2,350 2,300 4000 1,680 2,100 2,570 2,590 2,310 1,960 4,720 Other Demand for outside Japan Japan Total dema 7,220 8,690 8,900 7,770 6,960 6,730 5,970 5,050 5,000 5,470 6,550 8,090 10,090 11,730 6,150 5,120 6,570 8,480 9,600 9,450 9,420 7,650 7,290 8,070 8,600

1. Mobile Cranes produced in Russia are excluded.

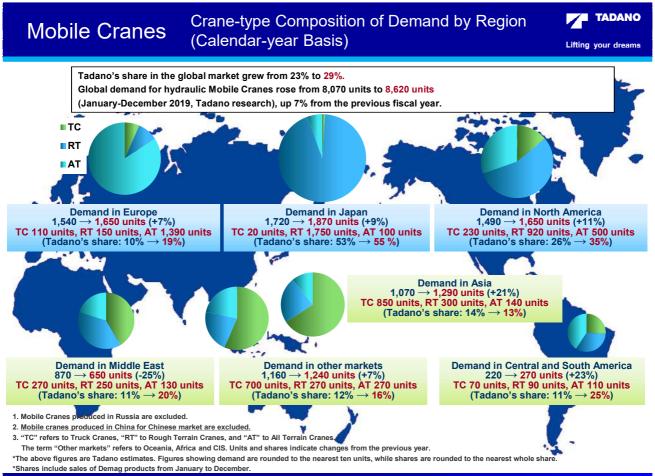
2. Starting from 2010 the graph includes Chinese construction cranes produced for export.

Mobile cranes produced in China for Chinese market are excluded.

Demand trends in Chinese Market for Mobile Cranes produced in China are as follows:

2012: 22,000 units, 2013: 17,000 units, 2014: 14,000 units, 2015: 9,000 units, 2016: 9,000 units, 2017: 20,000 units, 2018: 32,000 units, 2019: 42,000 units.

\* The above figures are Tadano estimates. Figures showing demand are rounded to the nearest ten units.



### **European Business**



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#### < Our mission for the European business >

Restoration of European business profitability, synergy creation through collaboration between Tadano Faun GmbH and Tadano Demag GmbH, and expansion of market share in Europe and sales promotion outside Europe

#### Overview of group companies in Europe

- [Tadano Faun GmbH]
- Acquired in 1990
- Paid-in capital: 45 million EUR; wholly-owned subsidiary of Tadano Ltd.
- Location: Lauf a.d. Pegniz, Germany
- Line of business: Development, production, and distribution of All Terrain Cranes and Truck Cranes Representative and President: Jens Ennen; number of employees: 650
- Sales trend:

2014: 308 million EUR/347 units, 2015: 304 million EUR/376 units, 2016: 319 million EUR/363 units, 2017; 279 million EUR/311 units, 2018; 313 million EUR/361 units, 2019; 349 million EUR/358 units

#### [Tadano Demag GmbH]

- Acquired in 2019
- Paid-in capital: 20 million EUR; wholly-owned subsidiary of Tadano Ltd.
- Location: Zweibrücken, Germany
- Line of business: Development, production, and distribution of All Terrain Cranes and Crawler Cranes
- Representative and President: Jens Ennen; number of employees: 1,472
- Sales trend: 2019; 204 million EUR/152 units (for 5 months from August to December)
- \*Reference: Sales trend of Demag Crane Business related to this acquisition
- 2015; 631 million USD, 2016; 494 million USD, 2017; 470 million USD, 2018; 487 million USD
- (Sales given above are unaudited figures provided by Terex Corporation)



#### < Our mission for the North American business > Increasing market share

#### Overview of group companies in North America

- [ Tadano America Corp. ] Paid-in capital: 2.5 million USD; wholly-owned subsidiary of TAH\* Location: Houston, U.S.A.
  - Line of business: Distribution of Mobile Cranes
  - **Representative and President: Ingo Schiller**
  - Number of employees: 117
  - Sales trend: 2014: 305 million USD; 2015: 285 million USD; 2016: 206 million USD 2017: 230 million USD; 2018: 330 million USD; 2019: 492 million USD

#### [Tadano Mantis Corp.] Acquired in 2008

- Paid-in capital: 287,000 USD; wholly-owned subsidiary of TAH\*
- Location: Franklin, U.S.A.

Lines of business: Manufacture and distribution of Telescopic Boom Crawler Cranes Major products: Telescopic Boom Crawler Cranes (products combining carriers with track belt suspensions and cranes with hydraulic telescoping booms); mainly used in civil engineering and construction work, these cranes are ideally suited to work performed on unleveled ground, muddy ground, and inside tunnels. **Representative and President: Julie Fuller** 

- Number of employees: 142
- Sales trend: 2014: 30 million USD; 2015: 40 million USD; 2016: 27 million USD 2017: 36 million USD; 2018: 44 million USD; 2019: 47 million USD
- \* TAH stands for Tadano America Holdings, Inc.







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Completed Tadano Mantis product line consolidation into GTC Series, which incorporates Tadano's Core Technologies.

### **Business Outside Japan in Other Regions**

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2012: Tadano Beijing established

2003: Tadano Middle East Representative Office opened

2017: Middle East Representative Office for Tadano Thailand established 2019: Tadano ME Lifting Equipment

2019: Tadano ME Lifting Equipmen Trading established

2012: Tadano India established 2012: Tadano Thailand established

2016: Indonesia Representative Office for Tadano Thailand established

2017: Tadano Italthai established 2017: Vietnam Representative Office for Tadano Thailand established

2018: Tadano Escorts India established

2019: Tadano Bangkok Representative Office opened

2011: Tadano Brasil established 2017: Tadano Chile established

2010: Tadano Oceania established 2011: Sydney branch of Tadano Oceania opened 2016: Business of AML Equipment acquired 2017: Melbourne branch of Tadano Oceania established 2018: AML Equipment merged with Tadano Oceania

# **Truck Loader Cranes**

### [Loader Cranes] Market share in Japan 50% $\rightarrow$ 48%

Demand in Japan was 15,570 units (for FY2019, based on Tadano research), decreased by 2% from the previous fiscal year. ⇒While a rush demand arising from the new legislation making safety devices mandatory and regulation restricting engine

- emissions of small trucks had come to an end in the first half of this fiscal year, Tadano focused on sales expansion; net sales amounted ¥22,162 million (107.2% of the previous fiscal year).
- Mounted on trucks, these small cranes allow operators to load, transport, and install cargo with a single unit.
- They are sold indirectly by truck dealers for use in logistics, landscaping, and construction industries.
- Numerous models are available for mounting on compact, mid-sized, and large trucks, with lifting capacities ranging from 0.49 to 15 tons.

#### -Regulators (In Japan)-

- -Major buyers and distinctive features-
- Primarily the Ministry of Health, Labour and Welfare (crane regulations)
   Truck dealers
- Sales tend to parallel truck demand.

#### [Business outside Japan]

- Tadano has focused its efforts on exports of Loader Cranes to strategic markets, exporting the crane component for truck mounting in country of sale.
- Sales in FY2018: ¥2,000 million Sales in FY2019: ¥1,870 million
- Accelerating expansion outside Japan, including the opening of a manufacturing subsidiary in Thailand in April 2012.



**ZR560** 



AML Load Moment Indicator, a safety device, included as standard equipment

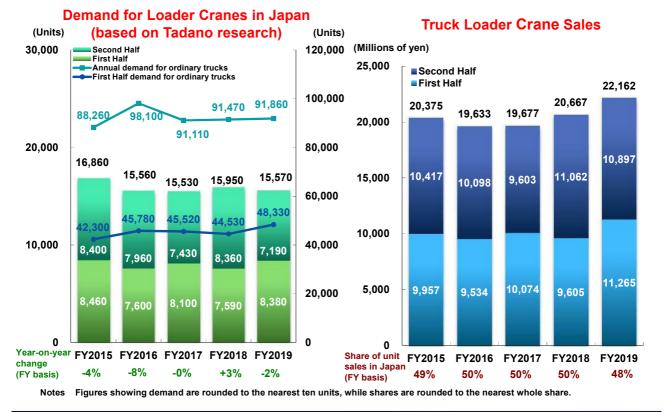


(Slide bed Vehicle Carrier [transport vehicle])

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## **Truck Loader Cranes**





### Truck Loader Cranes - Steps for Globalization -

Lifting your dreams

ZT1000 Loader Crane manufactured in

the plant in Thailand

(Launched in July 2016)

#### [ Tadano Italthai Co., Ltd.]

Paid-in capital:50 million THB

(ownership: Tadano Ltd. 49%, ITI 48%, MHCB 3%)

- Establishment: May 2017 (The name of the company, Tadano Thai Parts and Service, was changed to Tadano Italthai after capital investment by ITI.
- ITI (Italthai Industrial) is a Tadano distributor which sells Mobile Cranes.)
- Location: Bangkok, Thailand
- Line of business: Distribution of Loader Cranes
- Representative and President: Hidetoshi Iga; Number of employees: 11

#### [ Tadano (Thailand) Co.,Ltd. ]

Paid-in Capital:636 million THB; wholly-owned subsidiary of Tadano Ltd.

- Establishment: April 2012 (Operation launch: June 2013)
- Location: Rayong, Thailand
- Line of business: Production and distribution of Loader Cranes
- Productive capacity:1,000 units/year (Sales: 258 units in 2014, 418 units in 2015, 385 units in 2016, 381 units in 2017, 407 units in 2018, 357 units in 2019)
- Representative and President: Shunsuke Mitani; Number of employees: 51
- This is Tadano's first production base outside Japan for Truck Loader Cranes. While accelerating the expansion of our business outside Japan, we aim to increase profitability through the operations of this manufacturing subsidiary.







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### Market share in Japan: $34\% \rightarrow 35\%$

Japanese demand for Aerial Work Platforms mounted on trucks was 5,030 units (for FY2019 Tadano research), remained at the same level from the previous fiscal year.

A rush demand arising from regulation restricting engine emissions of small trucks had come to an end in the first half of this fiscal year.

Net sales amounted to ¥17,986 million (98.2% of the previous fiscal year).

#### Mounted on trucks:

- 5 models for telecommunications use
- $\cdot$  3 models for electric construction use
- 14 models for general construction use

#### Wheeled: 2 models

Super Deck: 5 models (Equipped with advanced control technologies)

Bridge Checker: 3 models (Used in inspections of elevated roadways and bridges)

26 models out of 32 have Hello-Net Telematics



#### -Regulator (in Japan)-

 Primarily the Ministry of Health, Labour and Welfare (Aerial Work Platform regulations)

#### -Major buyers and distinctive features-

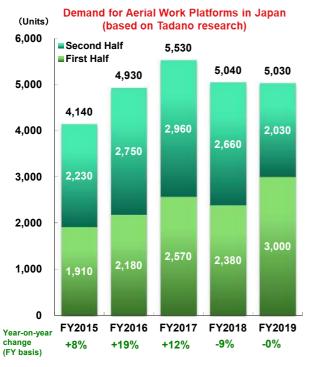
 Power-related electrical construction, telecommunications, rental, general use, shipbuilding, Ministry of Land, Infrastructure, Transport and Tourism

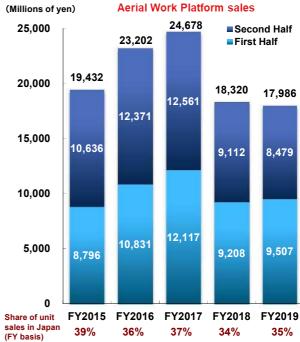
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### **Aerial Work Platforms**





Notes Figures showing demand are rounded to the nearest ten units, while shares are rounded to the nearest whole share.

# **Other Business**



Net sales from other businesses, such as parts, repairs, used cranes and other products, amounted to ¥36,982 million (115.9% of the previous fiscal year).

#### [Used cranes]

- In this fiscal year, sales in Japan decreased, but sales outside Japan increased.
- The globalization of this business will be a future focus.

#### [Parts and repairs]

- Tadano books sales for repair parts. (In general, repairs are done by designated service facilities and distributors outside Japan. These parties book the repair sales.)
- In this fiscal year, both of sales in Japan and outside Japan increased.



#### Hydraulic gate-shaped lifters : TB-1000

#### [Hydraulic gate-shaped lifters]

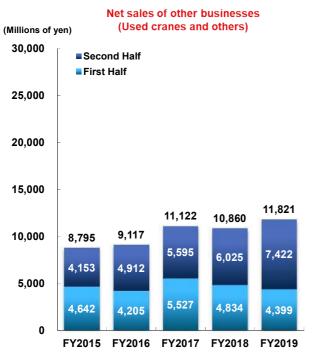
These lifters have the capability of loading, carrying out and placing heavy goods safely and efficiently, even in places where mobile cranes and overhead traveling cranes cannot be used, such as inside of buildings, clean rooms and in tunnels.

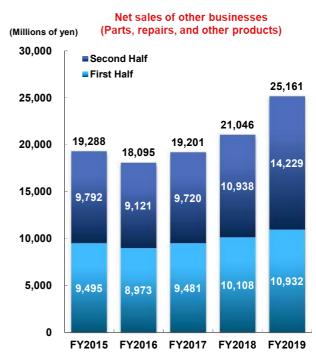


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### **Other Business**





# FY2020 Business Performance Forecast

The consolidated business performance forecast for FY 2020 has not yet been formulated due to the difficulty in reasonably assessing the impact of the novel coronavirus disease (COVID-19). The forecast will be disclosed after it becomes possible to assess these matters to a higher degree.

				(Unit: milli	ons of yen)
	FY2019		FY2020 F	FY2020 Forecast	
	Amont	Percentage	Amount	Percentage	change
Net sales	227,949	100.0%	-	-	-
Operating income	15,623	6.9%	-	-	-
Ordinary income	15,461	6.8%	-	-	-
Net income attributable to owners of the parent	7,876	3.5%	-	-	-

Dividends per share	Mid-year	¥14.00	Mid-year -
	Year-end	¥14.00	Year-end -
	Full-year	¥28.00	Full-year -

\*Mid-year and year-end dividends for FY19 include ¥1 memorial dividend.

Capital investment	¥12,902 million	-
Depreciation	¥4,147 million	-
Exchange rate (USD)	¥109.05	-
Exchange rate (EUR)	¥122.07	-

Figures for capital investment include leased assets

#### [FY 2020 Management Policy]

- (i) Pursue Tadano's Core Values (C + SQE)
- (ii) Engage in the first-year endeavors of the Mid-Term Management Plan(20-22)
- (iii) Restore the European operations (RISE = Revitalize, Integrate, Synergize, Expand)
- (iv) Promote the Big Projects
- (v) Initiate ESG and SDG Endeavors

#### [ Eight Strategies of

#### the Mid-Term Management Plan (20-22)]

- (i) Strengthen Market Position
- (ii) Enhance the Four Synergistic Strengths
- (iii) Engage in Global and Flexible Monozukuri\*
- (iv) Improve Life Cycle Value
- (v) Develop New Technologies and Solution **Business**
- (vi) Revitalize Profitability and Improve Asset Efficiency
- (vii) Strengthen the Tadano Group and Global Management Structure
- (viii) Optimize Human Resource Utilization

\*Monozukuri = Manufacturing with a focus on continuous improvement

# Highlights: Further Global Growth

#### **Demag Mobile Crane Business Integration (1)** After completion of the acquisition on July 31, 2019, customer success has been the core focus of the Demag Mobile Crane **Business integration.**

### Overall Results

- The addition of super-large crawler and all terrain cranes to the Tadano Group lineup has expanded customer choice.
- ·Business units in the US, Australia, the UK, France, Italy, and Spain are already working as integrated entities.
- •October 2019: With employees from all over the world in attendance, Tadano held a global strategy meeting at Tadano Demag GmbH (TDG) in Germany to lock in our integration roadmap.



Global Strategy Meeting held at TDG

A Demag CC 8800-1 lifts a splitter tower in Singapore

A Tadano Faun ATF 100G-4 and a Demag AC 100-4 ready for delivery at Tadano America Corporation



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# Highlights: Further Global Growth

#### **Demag Mobile Crane Business Integration (2)**

After completion of the acquisition, 12 global cross company teams were assembled to focus on continuous synergy building and best practice implementation.

#### Cross Company Team Results

- Research and Development: R&D teams at Tadano Faun GmbH (TFG) and Tadano Demag GmbH (TDG) are already carrying out joint development work for new products on common software platforms.
- Supply Chain: TFG and TDG are using leverage from combined volumes to achieve higher cost savings in purchasing activities.
- *Production*: All terrain crane cross production processes are being developed for products made at both TFG and TDG.
- *Customer Support*: The Tadano Demag Yokohama Parts Center was established at the facilities of the Yokohama Port International Cargo Center in Japan.

Cross-training of service personnel on both Tadanobrand and Demag-brand cranes is strengthening Tadano's global customer support capabilities.

Members of Tadano America Corporation's integrated marketing team standing "Stronger Together" (Above right).

A Demag-brand all terrain crane being assembled at the Tadano Faun Plant (Right).





### Highlights: ESG and SDG Endeavors

In continuing our aim for further excellence, Tadano is enhancing its ESG and SDG endeavors as we step forward into our second century of operations as a company.

#### 2019 Activities

- Incorporated an advanced energy management system (EMS) at our new Kozai Plant in Japan.
- Brought in SDG Partners Inc. in an advisory role, and conducted SDG Lectures for company leadership.
- Created an official task force and began full-speed ESG and SDG promotion planning.
- Engaged in executive discussion at an all-officer strategy meeting session dedicated to the topic of SDGs.

#### Planned 2020 Activities

• Establish Mid-Term Management Plan (20-22) with "Engage in ESG and SDGs" as one of the Four Priority Points.

•Newly establish an SDG Promotion Committee for Tadano Group activity oversight and a department at Tadano Japan called the SDGs Promotion Group, which will focus on executing initiatives.

Plan and develop a Value Creation Model, as well as concrete ESG and SDG initiatives.



Lecture by Mr. Kazuo Tase, CEO of SDG Partners Inc.



SDG video shared with international officers and employees



Officers discussing Tadano's forthcoming Value Creation Model

Notes: ESG = Environment, Social, Governance | SDGs = Sustainable Development Goals (a collection of 17 global goals, unanimously approved by the United Nations, for achieving a better and more sustainable future for the environment and society)



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# Highlights: New Products



New Cab With Better Operability



#### New Design: 21-Faceted Boom

Utilizes light, 21-faceted boom – the first of its kind to be produced in Japan. Ensures both lighter weight and higher rigidity (less boom deflection). Combines a boom constructed of high-tensile steel plate facets with cutting-edge control technology that helps provide ease of operation.

Largest Working Area in Class Maximum Working Height: 32.0 m

Maximum Working Radius: 17.0 m (Limited to Japan's Medium Vehicle Class)

#### Compact Size with Mobility of 27 Meter-Class AWP

Vehicle size and weight are the same as 27 meter-class AWPs, giving the AT-320XTG a greater range of accessibility for job sites.





#### Longest Boom In Class

(GR-1000XLL-4) 100 US ton-capacity class rough terrain crane with multiple telescoping cylinders incorporated in a long boom with a maximum length of 51 m.





#### New Function: Smart Counterweights (GR-1000XLL-4 / GR-1000XL-4) World's first rough terrain cranes to incorporate Smart Counterweight technology, which provides two different counterweight positions for increased lifting capacity.

