

U.S. Census Bureau  
Construction Machinery - 2010  
MA333D(10)  
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Table 1. Value of Shipments of Construction Machinery by Selected Products: 2010 to 2006  
(Value in millions of dollars)

Product code	Product description	Year	Value
3331201 (pt.)	Power cranes, draglines, and excavators, including surface mining equipment, and attachments (excluding parts)	2010	2,941
		2009	3,024
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Mixers, pavers, and related equipment, (excluding parts)	2010	a/ 1,050
		2009	932
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers, and wagons, (excluding parts)	2010	1,931
		2009	1,827
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Tractor shovel loaders	2010	4,419
		2009	2,832
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Construction wheel and crawler tractors, dozers, and self-propelled wheeled log skidders	2010	(D)
		2009	(D)
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Motor graders and light maintainers, rollers and compactors, rough-terrain forklifts, including scraper bowls, ditchers and trenchers (excluding parts)	2010	1,562
		2009	1,139
		2008	(NA)
		2007	(NA)
		2006	(NA)
3331201 (pt.)	Construction machinery for mounting on tractors, and other prime movers, excluding winches and materials-handling equipment and parts	2010	580
		2009	a/ 402
		2008	(NA)
		2007	(NA)
		2006	(NA)
3339237 (pt.)	Personnel aerial work platforms (excluding parts)	2010	3,594
		2009	2,642
		2008	(NA)
		2007	(NA)
		2006	(NA)
3339237 (pt.)	Winches for mounting on wheel and crawler tractors and other prime movers, complete units	2010	(D)
		2009	(D)
		2008	(NA)
		2007	(NA)
		2006	(NA)

Table 2. Quantity and Value of Shipments of Construction Machinery: 2010 and 2009  
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	Year	Companies	Quantity	Value
3331201 (pt.)	Total power cranes, draglines, and excavators, including surface mining equipment, and attachments (excluding parts)	2010	(X)	(X)	2,941,295
		2009		(X)	3,024,491
3331201111	Excavators, hydraulic-operated, crawler-mounted rated size in metric tons, not more than 24 metric tons (26.46 short tons)	2010	4	2,717	308,321
		2009	b/r/	7,785 a/r/	316,294
3331201114	Excavators, hydraulic-operated, crawler-mounted rated size in metric tons, more than 24 metric but not more than 40 metric tons (44.09 short tons)	2010	7	2,161	419,606
		2009		964	193,977
3331201117	Excavators, hydraulic-operated, crawler-mounted rated size in metric tons, more than 40 metric tons	2010	4	922	289,353
		2009		490	148,960
3331201160	Cranes, hydraulic-operated, telescopic boom, wheel cranes (integral), multiple control stations, rubber-mounted	2010	5	262	95,476
		2009		(D)	(D)
3331201167	Pinned-on type, telescopic and articulated	2010	6	(D)	(D)
		2009		2,666	81,285
3331201180	Wheel cranes, one control station, self-propelled, rubber-mounted and all-terrain cranes	2010	7	1,207	350,218
		2009		(D)	(D)
3331201194	Other cranes and excavators, pedestal or shipmounted marine cranes	2010	4 a/	75	(S)
		2009	r/	94 r/	57,004
3331201195	All terrain cranes, and all other cranes and excavators, including locomotive wrecking, cable-operated excavators, and draglines	2010	9	776	698,064
		2009		608	956,422
33312011A4	Attachments for power cranes, draglines, and excavators, sold separately, hoe	2010	8 a/	34,928	57,209
		2009		(D)	(D)
33312011A5	Attachments for power cranes, draglines, and excavators, sold separately, dragline buckets, all sizes	2010	4	(X)	c/ 24,242
		2009		(X)	r/ 45,191
33312011A7	Attachments for power cranes, draglines, and excavators, sold separately, clamshell/grapple	2010	13	2,092	18,299
		2009		1,725	14,258
33312011AA	Attachments for power cranes, draglines, and excavators, sold separately, all other attachments	2010	33	387,192	510,404
		2009	c/r/	419,011 b/r/	528,557
33312011A2	All other power cranes, draglines, and excavators, including surface mining equipment and attachments	2010	5	(D)	(D)
		2009		(D)	(D)
3331201 (pt.)	Total mixers, pavers, and related equipment, excluding parts	2010	(X)	48,747	a/ 1,050,348
		2009		44,594	932,007
3331201230	Concrete mixers, portable all sizes, either truck-mixer or agitator or otherwise	2010	14	5,094	b/ 133,383
		2009		3,595 b/	81,436
3331201233	Slipform concrete paving machines (including multipurpose, automated curb and gutter and concrete slipform pavers up to and including 34 feet wide)	2010	9	255	64,152
		2009		374	66,324
3331201239	Concrete trowels	2010	6	7,403	10,457
		2009		5,494	15,239
3331201241	Concrete vibrators (electric motor, gasoline engine, structural high-cycle, pneumatic, etc.)	2010	7	19,393	15,789
		2009		18,871	13,376
3331201247	Concrete batching plants, bin and batch, for concrete aggregate only and bulk cement	2010	10 c/	177	c/ 47,707
		2009		c/ 211	c/ 51,205
3331201250	All other concrete, plaster and mortar mixing and paving machinery, and concrete screeds	2010	12	4,726	80,750
		2009		(D)	(D)
3331201266	Bituminous distributors	2010	8	402	24,486
		2009		556	25,367
3331201271	Bituminous pavers, self-propelled, 21,999 lbs gross weight and under (basic unit)	2010	4 a/	505	a/ 39,018
		2009		440	30,699

Table 2. Quantity and Value of Shipments of Construction Machinery: 2010 and 2009  
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	Year	Companies	Quantity	Value
3331201275	Bituminous pavers, self-propelled, 22,000 lbs gross weight and over (basic unit)	2010	5	696	184,871
		2009		607	148,131
3331201283	Asphalt plants (including cold mix central plants)	2010	4	123	187,837
		2009	a/r/	129 a/r/	206,897
3331201290	Bituminous stabilization mixing equipment and self propelled cold planers/milling machines (including central mixing plants and mix-in-place)	2010	5	263	106,933
		2009		(D)	(D)
3331201291	Other asphalt and bituminous mixing and paving machinery	2010	12	738	82,062
		2009	c/	892 a/	68,656
3331201295	Other products, for use in either concrete or bituminous applications	2010	15	8,972	72,903
		2009		8,341 r/	54,104
3331201 (pt.)	Total off-highway trucks, coal haulers, truck-type tractor chassis, trailers, and wagons, excluding parts	2010	(X) c/	4,099	1,931,311
		2009		3,140	1,827,483
3331201371	Off-highway rear dump haulers	2010	7	2,078	1,681,246
		2009		1,275	1,516,814
3331201376	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers, and wagons	2010	7	(S) b/	250,065
		2009		1,865 c/	310,669
3331201 (pt.)	Total tractor shovel loaders	2010	(X)	74,233	4,418,992
		2009		53,930	2,832,083
3331201460	Skid steer loaders, 4-wheel drive skid steer, all sizes	2010	7	51,437	1,603,962
		2009		38,829	1,037,121
3331201470	Wheel loaders, rear engine mount, integral design, 4-wheel drive, non-skid steer	2010	12	(D)	(D)
		2009		(D)	(D)
3331201479	Wheel loaders, rear engine mount, integral design, 4-wheel drive, non-skid steer, 150-249 nehp	2010	6	(D)	(D)
		2009		2,888	468,827
3331201483	Wheel loaders, rear engine mount, integral design, 4-wheel drive, non-skid steer, 250 nehp and over	2010	6	(D)	(D)
		2009		(D)	(D)
3331201495	Integral-design tractor shovel loader/backhoes (wheel tractor-chassis shipped as part of front engine mount contractor tractor)	2010	5	13,798	814,429
		2009		(D)	(D)
3331201496	All other tractor loaders not included above, including crawlers	2010	2	(D)	(D)
		2009		(D)	(D)
3331201 (pt.)	Construction wheel and crawler tractors, dozers, and self-propelled wheeled log skidders	2010	(X)	(D)	(D)
		2009		(D)	(D)
3331201550	Construction wheel and crawler tractors, dozers, and self-propelled wheeled log skidders	2010	8	(D)	(D)
		2009		(D)	(D)
3331201 (pt.)	Total motor graders and light maintainers, rollers and compactors, rough-terrain forklifts, including scraper bowls, ditchers and trenchers (excluding parts)	2010	(X)	16,152	1,561,686
		2009	r/	11,824	1,139,191
3331201670	Rollers, motor graders, light maintainers, and compactors (static smooth steel wheel rollers, tandem)	2010	13	4,738	780,815
		2009		3,116	525,126
3331201682	Pneumatic tire rollers	2010	5	376	26,043
		2009		(D)	(D)
3331201687	Vibratory single drum with 1 or 2 drive wheels, under 5 metric tons (5.51 short tons)	2010	8 a/	210	8,045
		2009		278	6,764
3331201690	Vibratory single drum with 1 or 2 drive wheels, over 5 metric tons (5.51 short tons)	2010	12 a/	1,949	148,791
		2009		(D)	(D)
3331201693	Vibratory double drum, two drums vibrating	2010	5	2,242	90,942
		2009		1,382	98,854

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Product code	Product description	Year	Companies	Quantity		Value	
				(D)	(D)	(D)	
33312016A6	All other compaction equipment (excluding hand-held) including embankment and landfill compactors, towed roller and double drum-compactors with one drum vibrating	2010	7				
		2009		r/	2,497	r/	238,221
33312016D1	Rough-terrain forklifts (integral units only), vertical mast, 2-wheel drive	2010	7	c/	348	c/	14,921
		2009			(S)		(S)
33312016D3	Rough-terrain forklifts (integral units only), vertical mast, 4-wheel drive	2010	6		405		17,928
		2009		c/	286	b/	11,926
33312016D5	Rough-terrain forklifts (integral units only), telescopic handlers, 2- and 4-wheel drive	2010	4		(D)		(D)
		2009			732		53,052
33312016E5	Scraper bowls	2010	2		(D)		(D)
		2009			(D)		(D)
33312016J8	Ditchers and trenchers, self-propelled (integral units only), ladder-type and wheel digging element	2010	5		(D)		(D)
		2009			(D)		(D)
3331201 (pt.)	Total construction machinery for mounting on tractors, and other prime movers, excluding winches and materials-handling equipment and parts	2010	(X)	c/	137,387		580,037
		2009		c/	97,490	a/	402,325
3331201782	Backhoes, either shipped for mounting separately or already mounted on an integral unit	2010	10		11,495		78,743
		2009			7,189	a/	39,498
3331201799	Other construction machinery for mounting, including sidebooms, pipehandlers, dozers, front-end loaders, shovel loaders, logging arches, rippers, rooters, continuous ditching and trenching attachments, forklift attachments, cranes, cable power control units, hydraulic power control units, etc (excluding winches and materials-handling equipment)	2010	32	c/	125,892		501,294
		2009		c/	90,301	a/	362,827
3339237 (pt.)	Personnel aerial work platforms (excluding parts)	2010	(X)		96,742		3,594,238
		2009			46,974		2,642,366
3339237110	Personnel aerial work platforms (excluding parts)	2010	14		96,742		3,594,238
		2009			46,974		2,642,366
3339237 (pt.)	Total winches for mounting on wheel and crawler tractors and other prime movers (complete units)	2010	(X)		(D)		(D)
		2009			(D)		(D)
3339237231	Winches for mounting on wheel and machinery for mounting, winches (towing, logging, and oil-field types)	2010	9		(D)		(D)
		2009			(D)		(D)
3339237239	Crawler tractors and other prime movers (complete units), and other materials-handling machinery for mounting	2010	6		(D)		(D)
		2009			1,518		50,846

Table 3. Shipments, Exports, and Imports of Selected Construction Machinery: 2010 and 2009  
 [Quantity in number of units. Value in thousands of dollars]

Product code 1/	Product description	Year	Manufacturers' shipments quantity	Manufacturers' shipments value (f.o.b plant)	Exports of domestic merchandise 2/ (value at port)	Imports for consumption 3/ 4/
3331201550	Construction wheel and crawler tractors, dozers and self-propelled wheeled log skidders	2010	(D)	(D)	730,959	239,818
		2009	(D)	(D)	662,273	138,649
333120147T	Wheel loaders, rear engine mount, integral design, 4-wheel drive, non-skid steer	2010	(D)	(D)	1,240,210	553,566
		2009	(D)	(D)	695,089	299,907
3331201460	Skid steer loaders, 4-wheel drive skid steer, all sizes	2010	51,437	1,603,962	78,965	45,410
		2009	38,829	1,037,121	61,984	45,501
333120111T	Excavators, hydraulic-operated, crawler-mounted rated size in metric tons	2010	5,800	1,017,250	135,727	786,524
		2009 r/	9,239 a/r/	659,231	252,860	442,971
333120115T	Cranes, hydraulic-operated, telescopic boom, wheel cranes (integral), multiple control stations, rubber-mounted and pinned-on type, telescopic and articulated	2010	(D)	(D)	135,727	211,839
		2009	(D)	(D)	165,298	367,891
3331201180	Wheel cranes, one control station, self-propelled, rubber-mounted, and all-terrain cranes	2010	1,207	350,218	109,672	2,252
		2009	(D)	(D)	85,191	6,817
3331201194	Other cranes and excavators, pedestal or shipmounted marine cranes	2010 a/	75	40,230	83,437	6,823
		2009 r/	94 r/	57,004	56,960	4,677
3331201195	All terrain cranes, and all other cranes and excavators, including locomotive wrecking, cable-operated excavators, and draglines	2010	776	698,064	582,117	196,187
		2009	608	956,422	274,073	278,843
33312011A5	Attachments for power cranes, draglines, and excavators, sold separately, dragline buckets, all sizes	2010	(X) c/	24,242	0	1,438
		2009	(X) r/	45,191	0	2,487
33312011A7	Attachments for power cranes, draglines, and excavators, sold separately, clamshell/grapple	2010	2,092	18,299	4,395	14,354
		2009	1,725	14,258	3,243	8,043
333120122T	Concrete mixers, portable all sizes, either truck-mixer or agitator or otherwise, batching plants, bin and batch, for concrete aggregate only and bulk cement	2010	5,271 b/	181,090	33,057	24,949
		2009	3,806 b/	132,641	28,584	23,564
333120123T	Slipform concrete paving machines, concrete trowels, plaster and mortar mixing and paving machinery and concrete screeds	2010	12,384	155,359	81,863	8,343
		2009	(D)	(D)	84,613	4,642
333120126T	Bituminous distributors, pavers (self-propelled), and cold planers/milling machines (self-propelled)	2010	1,603	248,375	72,171	19,576
		2009	1,603	204,197	55,726	11,367
333120128T	Asphalt plants and bituminous stabilization mixing equipment (including cold, central and mix-in-place central plants)	2010	386	294,770	62,962	4,313
		2009	(D)	(D)	84,540	1,333
33312016E5	Scraper bowls	2010	(D)	(D)	4,109	1,897
		2009	(D)	(D)	11,469	1,570

333120168T	Vibratory drums, rollers, and compactors	2010	(D)	(D)	113,602	91,937
		2009	(D)	(D)	87,614	64,088
333120167T	Rollers, motor graders, light maintainers and compactors (static smooth steel wheel rollers, tandem) and pneumatic tire rollers	2010	5,114	806,858	38,841	6,945
		2009	(D)	(D)	38,146	6,646
3331201371	Off-highway rear dump haulers	2010	2,078	1,681,246	2,795,070	291,133
		2009	1,275	1,516,814	2,095,368	108,922
3331201376	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers, and wagons	2010	(S)	b/	250,065	68,428
		2009	1,865	c/	310,669	27,446
3339237231	Winches for mounting on wheel and machinery for mounting, winches (towing, logging, and oil-field types)	2010	(D)	(D)	(S)	(S)
		2009	(D)	(D)	(S)	(S)
3331201782	Backhoes, either shipped for mounting separately or already mounted on an integral unit	2010	11,495	78,743	34,970	9,073
		2009	7,189	a/	39,498	39,349
333120179T	Other construction machinery for mounting, including sidebooms, pipehandlers, dozers, front-end loaders, rippers, rooters, and crawler tractors and other prime movers (complete units), and other materials-handling machinery for mounting	2010	(D)	(D)	79,326	86,474
		2009	c/	a/	91,819	413,673
33312016J8	Ditchers and trenchers, self-propelled (integral units only), ladder-type and wheel digging element	2010	(D)	(D)	52,494	4,580
		2009	(D)	(D)	93,109	11,563

- Footnotes:
- 1/ For comparison of North American Industry Classification System (NAICS)- based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.
- 2/ Source: Bureau of Census report EM 545, U.S. Exports.
- 3/ Source: Bureau of Census report IM 145, General Imports, and IM 146, U.S. Imports for Consumption
- 4/ Represents c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus import duties.

Table 4. Comparison of the North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2010

Combined code	Product ode	Product description	Export code 1/	Import code 2/
3331201550	3331201550	Construction wheel and crawler tractors, dozers, and self-propelled wheeled log skidders	8701.90.1001 8701.30.0015 8701.30.0030 8701.30.0045 8701.30.0060 8701.30.0075	8701.90.1001 8701.30.1015 8701.30.1030 8701.30.1045 8701.30.1060 8701.30.1075 8701.30.5015 8701.30.5030 8701.30.5045 8701.30.5060 8701.30.5075
333120147T	3331201470 3331201479 3331201483	Wheel loaders, rear engine mount, integral design, 4-wheel drive, non-skid steer	8429.51.1015 8429.51.1025 8429.51.1030 8429.51.1035 8429.51.1040 8429.51.1045 8429.51.1050 8429.51.1055	8429.51.1015 8429.51.1025 8429.51.1030 8429.51.1035 8429.51.1040 8429.51.1045 8429.51.1050 8429.51.1055
3331201460	3331201460	Skid steer loaders, 4-wheel drive skid steer, all sizes	8429.51.1060	8429.51.1060
333120111T	3331201111 3331201114 3331201117	Excavators, hydraulic-operated, crawler-mounted rated size in metric tons	8429.52.1010	8429.52.1010
333120115T	3331201160 3331201167	Cranes, hydraulic-operated, telescopic boom, wheel cranes (integral), multiple control stations, rubber-mounted and pinned-on type, telescopic and articulated	8705.10.0050	8705.10.0050
3331201180	3331201180	Wheel cranes, one control station, self-propelled, rubber-mounted, and all-terrain cranes	8426.41.0090	8426.41.0090
3331201194	3331201194	Other cranes and excavators, pedestal or shipmounted marine cranes	8426.30.0000	8426.30.0000
3331201195	3331201195	All terrain cranes, and all other cranes and excavators, including locomotive wrecking, cable-operated excavators, and draglines	8426.49.0010 8426.41.0010 8705.10.0010 8426.49.0090 8429.52.1020	8426.49.0010 8426.41.0010 8705.10.0010 8426.49.0090 8429.52.1020
33312011A5	33312011A5	Dragline bucket attachments all sizes (sold separately) for power cranes, draglines, and excavators	8431.41.0060	8431.41.0060
33312011A7	33312011A7	Clamshell/grapple attachments all sizes (sold separately) for power cranes, draglines, and excavators	8431.41.0040	8431.41.0040
333120122T	3331201230 3331201247	Concrete mixers, portable all sizes, either truck-mixer or agitator or otherwise, batching plants, bin and batch, for concrete aggregate only and bulk cement	8474.31.0000	8474.31.0000
333120123T	3331201233 3331201239 3331201250	Slipform concrete paving machines, concrete trowels, plaster and mortar mixing and paving machinery and concrete screeds	8479.10.0040	8479.10.0040
333120126T	3331201266 3331201271 3331201275	Bituminous distributors, pavers (self-propelled), and cold planers/milling machines (self-propelled)	8479.10.0060	8479.10.0060
333120128T	3331201283	Asphalt plants and bituminous stabilization mixing equipment	8474.32.0000	8474.32.0000



	3331201290	(including cold, central and mix-in-place central plants)		
33312016E5	33312016E5	Scraper bowls	8431.49.9045	8431.49.9045
333120167T	3331201670 3331201682	Rollers, motor graders, light maintainers and compactors (static smooth steel wheel rollers, tandem) and pneumatic tire rollers	8429.40.0040	8429.40.0040
333120168T	3331201687 3331201690 3331201693 33312016A6	Vibratory drums, rollers, and compactors	8429.40.0020	8429.40.0020
3331201371	3331201371	Off-highway rear dump haulers	8704.10.5020 8704.10.5030 8704.10.5040 8704.10.5050	8704.10.5020 8704.10.5030 8704.10.5040 8704.10.5050
3331201376	3331201376	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers, and wagons	8704.10.1000 8704.10.5060	8704.10.1000 8704.10.5060
3339237231	3339237231	Winches for mounting on wheel and machinery for mounting, winches (towing, logging, and oil-field types)	8425.31.0100 8425.39.0100	8425.31.0100 8425.39.0100
3331201782	3331201782	Backhoes, either shipped for mounting separately or already mounted on an integral unit	8431.49.9005	8431.49.9005
333120179T	3331201799 3339237239	Other construction machinery for mounting, including sidebooms, pipehandlers, dozers, front-end loaders, rippers, rooters, and crawler tractors and other prime movers (complete units), and other materials-handling machinery for mounting	8428.90.0030 8431.42.0000 8431.49.9010 8431.49.9015	8428.90.0030 8431.42.0000 8431.49.9010 8431.49.9015
33312016J8	33312016J8	Ditchers and trenchers, self-propelled (integral units only), ladder-type and wheel digging element	8429.59.5020 8429.59.5040	8429.59.5020 8429.59.5040

Footnotes:A1

1/ Source: 2010 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/ Source: Harmonized Tariff Schedule of the United States, Annotated (2010).

Symbols:

- (D) - Withheld to avoid disclosing data of individual companies.
- (X) - Not applicable.
- (NA) - Not available.
- r/ - Revised by 5 percent or more from previously published data.
- (n.e.c.) - Not elsewhere classified.
- (n.s.k.) - Not specified by kind.
- (nehp) - Net engine horsepower
- (btuh) - British thermal units per hour
- (pt.) Part.

Estimation symbols - Percent of estimation for each item is indicated as follows:

- a/ - 10 to 19 percent of this item has been estimated.
- b/ - 20 to 29 percent of this item has been estimated.
- c/ - 30 to 49 percent of this item has been estimated.
- (S) - Withheld because estimates did not meet publication standards

## HISTORICAL NOTE

The Census Bureau has collected data on construction machinery since 1942.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.