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Selected Construction Machinery - 1997

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the 1995 Manufacturing Profiles, issued June 1997.

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Table 1. Value of Shipments of Selected Construction Machinery: 1988 to 1997  
 [Millions of dollars]

Product description	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988
Power cranes, draglines, and excavators, including surface mining equipment, and attachments . . . . .	2,928.8	2,740.3	2,561.4	2,252.5	1,719.4	1,582.3	1,239.1	1,511.8	1,318.3	1,050.7
Mixers, pavers, and related equipment. . . . .	1,276.3	1,145.8	1,168.8	1,079.8	877.1	635.8	509.6	609.6	701.8	565.3
Off-highway trucks, truck-type trailer chassis, trailers, coal haulers, wagons. . . . .	1,590.1	1,632.6	1,326.9	961.9	876.1	706.9	822.9	957.7	803.3	591.0
Tractor shovel loaders. . . . .	3,911.6	3,340.1	3,041.8	2,632.6	2,354.4	1,833.1	1,855.5	2,235.9	2,212.0	2,027.6
Crawler tractors, contractors' off-highway-type wheel tractors, dozers, and self-propelled wheeled log skidders . . . . .	1,720.3	1,697.2	1,597.4	(D)	(D)	1,099.5	1,242.9	1,453.1	1,529.9	1,553.2
Motor graders and light maintainers . . . . .	(D)	588.4	479.9	445.2	(D)	(D)	355.8	408.0	409.9	352.0
Rollers and compactors. . . . .	654.6 r/	517.6	(S)	361.3	303.2	240.5	186.0	267.2	251.1	259.6
Rough-terrain forklifts . . . . .	499.9	412.3	355.4	270.9	201.9	177.5	167.9	209.3	183.4	161.7
Scraper bowls . . . . .	237.5	121.5	142.2	124.9	(D)	(D)	99.1	181.6	233.6	159.8
Self-propelled ditchers and trenchers (integral units) . . . . .	238.7	209.1	193.5	174.0	143.6	124.1	112.2	129.7	153.6	141.2
Construction machinery for mounting on trucks, tractors, etc. . . . .	(X)	(X)	(X)	286.6	249.8	256.1	214.6	258.6	343.0	363.8
Construction machinery (except winches and other materials-handling equipment) for mounting on trucks, tractors, etc. . . . .	254.7 r/	214.5	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Winches and other materials-handling equipment, for mounting on construction machinery . . . . .	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Aerial work platforms . . . . .	(D)	(D)	1,131.1	844.9	637.4	590.3	568.9	814.9	799.8	591.6

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data. S Does not meet publication standards. X Not applicable.

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1997		1996	
			Quantity	Value	Quantity	Value
3531E --	Power cranes, draglines, and excavators, including surface mining equipment, and attachments . . . . .	(X)	91,429	2,927,780 r/	80,611	2,740,306
	Excavators, hydraulic operated:					
	Crawler mounted, rated size in metric tons:					
3531E 05	Not more than 24 metric tons . . . . .	7	9,859	570,341 r/	8,611 r/	577,893
3531E 06	More than 24 but not more than 40 metric tons . . . . .	6	4,437	712,945 r/	3,396 r/	533,896
3531E 07	More than 40 metric tons . . . . .	5	886	287,129	945	359,705
3531E 19	Wheel (rubber) mounted, all sizes . . . . .	2	(D)	(D)	(D)	(D)
	Cranes, lattice boom:					
	Crawler mounted, maximum working load of:					
3531E 22	Not more than 110 metric tons . . . . .	3	5	1,965	17	8,313
3531E 24	More than 110 metric tons . . . . .	3	(D)	(D)	(D)	(D)
3531E 35	Wheel (rubber) mounted . . . . .	5	43	38,167	39	29,701
	Cranes, hydraulic-operated, telescopic boom:					
	Wheel cranes (integral), multiple control stations (rubber mounted), maximum working load of:					
3531E 42	Not more than 18 metric tons . . . . .	4	(D)	60,698 r/	(S) r/	(S)
3531E 44	More than 18 but not more than 27 metric tons . . . . .	4	(D)	(D) r/	(D) r/	(D)
3531E 46	More than 27 but not more than 50 metric tons 1/ . . . . .	4	153	42,443	(D)	(D)
3531E 48	More than 50 metric tons 1/ . . . . .	3	(D)	(D)	(D)	(D)
3531E 57	Pinned on type, telescopic and articulated . . . . .	6	2,729	127,308 r/	2,218 r/	97,919
	Wheel cranes, one control station (self-propelled, rubber mounted), maximum working load of:					
3531E 61	Not more than 16 metric tons . . . . .	7	1,133	69,888	1,090	69,240
3531E 64	More than 16 metric tons but not more than 22.7 metric tons . . . . .	5	285	49,222	125	19,583
3531E 67	More than 22.7 metric tons . . . . .	4	844	237,944	759	201,455
	All-terrain cranes, maximum working loads of:					
3531E 72	Not more than 20 metric tons . . . . .	3	(D)	(D)	(D)	(D)
3531E 74	More than 20 metric tons but not more than 35 metric tons . . . . .	(S)	(S)	(S)	(S)	(S)
3531E 76	More than 35 metric tons but not more than 110 metric tons . . . . .	(S)	(D)	(D)	(S)	(S)
3531E 78	More than 110 metric tons . . . . .	(S)	(S)	(S)	(S)	(S)
	Other cranes and excavators:					
3531E 84	Pedestal or shipmounted marine cranes . . . . .	6	79	27,572	81	15,532
3531E 89	All other cranes, excavators, and					

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1997		1996	
			Quantity	Value	Quantity	Value
3531E 00	draglines, n.e.c. . . . .	8	(D)	177,549	791	168,868
	Cranes, excavators, and draglines, n.s.k. 2/ . . . . .	(X)	(X)	(X)	1,381	27,100
	Attachments for power cranes, draglines, and excavators, sold separately:					
3531E 94	Hoe. . . . .	6	15,594	33,609	13,740	29,839
3531E 95	Dragline buckets, all sizes. . . . .	5	104	9,145	94	8,028
3531E 97	Clamshell/grapple. . . . .	8	606	14,849	593	14,758
3531E 98	All other attachments, n.e.c. . . . .	23	51,477	138,065	r/ 43,903	r/ 111,454
3531F --	Mixers, pavers, and related equipment. . . . .	(X)	103,959	1,276,285	125,268	1,145,834
	For concrete, plaster, or mortar applications:					
3531F 22	Concrete mixers (except plaster and mortar), portable, including truck or other mixer or agitator, all sizes. . . . .	19	8,750	338,592	r/ 8,910	330,986
3531F 31	Plaster and mortar mixers, all sizes . . . . .	7	11,673	22,585	r/ 11,766	r/ 22,581
3531F 33	Slipform concrete paving machines, including multipurpose, automated curb and gutter and concrete slipform pavers up to and including 34 feet wide . . . . .	11	481	61,137	470	52,415
3531F 39	Concrete trowels . . . . .	7	14,401	26,472	12,991	24,799
3531F 40	Concrete vibrators (electric motor, gasoline engine, structural high-cycle, pneumatic, etc.) . . . . .	10	57,128	54,649	80,409	40,200
3531F 42	Concrete screeds (hand-propelled or winch type) . . . . .	6	2,814	4,830	2,374	5,441
3531F 43	Concrete batching plants, bin and batch, for concrete aggregate only, and bulk cement. . . . .	16	740	82,175	r/ 651	r/ 72,521
3531F 50	Concrete pumps, mobile . . . . .	3	(D)	(D)	(D)	(D)
3531F 56	Other concrete, plaster, and mortar mixing and paving machinery . . . . .	4	880	11,143	(D)	(D)
	For asphalt or bituminous applications:					
3531F 66	Bituminous distributors. . . . .	7	576	20,563	612	21,475
	Bituminous pavers, self-propelled:					
3531F 71	21,999 lbs. gross weight and under (basic unit). . . . .	8	974	59,163	1,053	48,195
3531F 75	22,000 lbs. gross weight and over (basic unit). . . . .	5	626	113,785	767	123,647
	Asphalt plants, including cold mix central plants:					
3531F 82	Less than 7,500 pounds (239 tons per hour) . . . . .	4	47	28,299	30	18,914
3531F 84	7,500 pounds and over (240 tph and over) . . . . .	4	96	148,566	104	135,377
3531F 85	Bituminous stabilization mixing equipment, including central mixing					

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Product code	Product description	No. of cos.	1997		1996	
			Quantity	Value	Quantity	Value
	plants and mix-in-place. . . . .	5	190	52,737	181	45,602
3531F 89	Bituminous cold planers/milling machines (self-propelled) . . . . .	4	(D)	(D)	75	24,399
3531F 91	Other asphalt and bituminous mixing and paving machinery. . . . .	9	889	14,724	907	15,725
3531F 95	Other products, for use in either concrete or bituminous applications. . . . .	6	(D)	28,795	(D)	(D)
3531G pt.	Off-highway trucks, truck-type tractor chassis, trailers, coal haulers, or wagons . . . . .	(X)	5,718	1,590,127	4,801	1,632,585
3531G 71	Off-highway rear dump haulers . . . . .	8	(D)	1,457,286 r/	(D)	1,518,782
3531G 76	Other . . . . .	9	(D)	132,841 r/	(D) r/	113,803
3531C --	Tractor shovel loaders . . . . .	(X)	102,159	3,911,610	86,629	3,340,124
3531C 60	Skid steer loaders, 4-wheel drive skid steer, all sizes. . . . .	7	61,588	957,591	53,952	840,304
	Wheel loaders, rear engine mount, integral design, 4-wheel drive, nonskid steer:					
3531C 71	Under 79 nehp . . . . .	3	(D)	(D)	(D)	(D)
3531C 72	80 through 149 nehp. . . . .	7	6,448	529,000	5,017	376,701
3531C 73	150 through 249 nehp . . . . .	8	3,701	513,265	3,550	513,497
3531C 74	250 nehp and over. . . . .	6	2,490	860,069	1,862	782,589
3531C 82	Crawler loaders. . . . .	2	(D)	(D)	(D)	(D)
3531C 95	Integral design tractor shovel loader/backhoes (wheel tractor chassis shipped as part of front engine mount contractor tractor) . . . . .	5	26,878	974,567	21,502	797,644
35315 --	Crawler tractors, contractors' off-highway-type wheel tractors, dozers, and self-propelled wheeled log skidders . . . . .	(X)	11,630	1,720,279	11,961	1,697,202
35315 37	Wheeled log skidders, self-propelled . . . . .	8	2,140	240,774	3,086	326,764
35315 99	Crawler tractors (except crawler loaders) and tracklaying and other contractors' off-highway-type wheel tractors and dozers. . . . .	11	9,490	1,479,505	8,875	1,370,438
3531G pt.	Motor graders and light maintainers. . . . .	(X)	(D)	(D)	3,762	588,373
3531G 11	Under 144 nehp. . . . .	6	(D)	(D)	(D)	(D)
3531G 17	145 nehp and over. . . . .	3	(D)	(D)	(D)	(D)
3531G pt	Rollers and compactors . . . . .	(X)	(D)	654,605 r/	(D) r/	517,602
	Static smooth steel wheel rollers, tandem:					
3531G 21	Under 3 metric tons. . . . .	5	1,297	13,569	1,152	11,866
3531G 23	At least 3 but less than 5.5 metric tons. . . . .	2	(D)	(D)	(D)	(D)
3531G 26	5.5 metric tons and over . . . . .	5	(D)	(D) r/	(D) r/	(D)
3531G 32	Pneumatic tire rollers. . . . .	7	537	22,947	406	16,261
	Vibratory single drum with one or two drive wheels:					
3531G 37	Under 5 metric tons. . . . .	7	1,197	30,487 r/	1,094	29,736

Continued

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Product code	Product description	No. of cos.	1997		1996	
			Quantity	Value	Quantity	Value
3531G 39	At least 5 but less than 8 metric tons . . . . .	3	970	56,809	961	57,083
3531G 42	8 metric tons and over . . . . .	4	2,201	153,868 r/	2,047 r/	141,292
	Vibratory double drum, two drums vibrating:					
3531G 46	Under 5 metric tons. . . . .	5	(D)	(D)	(D)	(D)
3531G 49	At least 5 but less than 8 metric tons . . . . .	2	(D)	(D)	(D)	(D)
3531G 52	8 metric tons and over . . . . .	3	736	57,414 r/	734 r/	58,193
3531G 56	All other compaction equipment (except handheld); including embankment and landfill compactors, towed roller and double drum compactors with one drum vibrating. . . . .	4	(D)	(D)	(D)	(D)
3531G pt.	Rough terrain forklifts (integral units only) . . . . .	(X)	8,100	499,872	6,803	412,330
3531G 81	Vertical mast, 2-wheel drive . . . . .	10	2,826	173,606	2,604	152,943
3531G 83	Vertical mast, 4-wheel drive . . . . .	7	577	19,765	294	8,911
3531G 85	Telescopic handlers, 2- and 4-wheel drive . . . . .	5	4,697	306,501	3,905	250,476
3531G 02	Scraper bowls. . . . .	4	2,427	237,532	2,013	121,467
3531J --	Ditchers and trenchers, self-propelled (integral units only) . . . . .	(X)	10,543	238,663	10,098	209,120
	Ladder-type digging element:					
3531J 14	Under 2,000 lb gross weight. . . . .	4	(D)	(D)	(D)	(D)
3531J 15	2,000 to 4,999 lb gross weight . . . . .	4	(D)	55,799	(D)	50,607
3531J 16	5,000 lb gross weight and over. . . . .	4	3,935	149,090	3,728	127,901
3531J 18	Wheel-type digging element . . . . .	3	(D)	(D)	(D)	(D)
3531Q --	Construction machinery for mounting on trucks, tractors, and other prime movers; (except winches, hoists, and other materials-handling equipment). . . . .	(X)	60,030	254,715 r/	50,248 r/	214,466
3531Q 12	Backhoes, either shipped for mounting separately or already mounted on an integral unit . . . . .	9	20,148	120,638	13,448	87,448
3531Q 99	All other, 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. . . . .	28	39,882	134,077 r/	36,800 r/	127,018
3531W pt.	Winches and materials-handling equipment for mounting. . . . .	(X)	(D)	(D)	(D)	(D)
3531W 90	Winches (towing, logging, and oil field types). . . . .	7	(D)	103,691	(D)	91,069
3531W 99	Other equipment. . . . .	2	(D)	(D)	(D)	(D)
3531W pt.	Aerial work platforms. . . . .	(X)	(D)	(D)	(D)	(D)

Continued

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1997		1996	
			Quantity	Value	Quantity	Value
3531W 81	Boom type, self-propelled. . . . .	9	17,429	852,548	13,763	714,362
3531W 83	Scissors type, self-propelled. . . . .	11	27,289	406,819	24,927	365,192
3531W 85	Not self-propelled, boom and scissors type. . . . .	6	(D)	(D)	(D)	(D)
3531W 87	Truck mounted. . . . .	13	12,257	392,240	10,602	330,976

D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified. nehp Net engine horsepower. n.s.k. Not specified by kind. r/Revised by 5 percent or more from previously published data. S Does not meet publication standards. tph Tons per hour. X Not applicable.

1/For 1996, products 3531E 46 and 3531E 48 sum to: quantity, 323; value, 121,618.

2/For 1996, several new categories were created from one former category of "All other products" in product class 3531E. Estimates for three companies did not meet the publication standards for any of the resulting categories and are placed in product 3531E 00.

Table 3. Shipments, Exports, and Imports of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product description	Manufacturers' shipments 1/		Export shipments 3/		Import shipments /4	
	Quantity	Value 2/	Quantity	Value	Quantity	Value 5/
1997						
Wheel tractors, contractors' off-highway type, 2- and 4- wheel for use on natural terrain . . . . .	(D)	(D)	3,568	114,369	4,315	29,053
Rubber-tired dozers . . . . .	(D)	(D)	455	23,625	145	4,107
Wheeled log skidders, self-propelled. . . . .	2,140	240,774	1,458	65,798	1,007	87,025
Crawler tractors (except crawler loaders). . . . .	(D)	(D)	1,735	325,441	5,753	393,178
Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer. . . . .	(D)	(D)	17,918	639,114	5,152	357,481
Skid steer loaders. . . . .	61,588	957,591	1,836	86,648	1,090	52,077
Crawler loaders . . . . .	(D)	(D)	202	8,746	1,556	167,062
Excavators, hydraulic operated, crawler mounted . . . . .	15,182	1,570,415	2,495	302,035	9,422	733,016
Excavators, hydraulic operated, wheel (rubber) mounted . . . . .	(D)	(D)	65	7,550	1,327	106,788
Cranes, lattice boom, wheel (rubber) mounted. . . . .	43	38,167	192	29,293	216	41,843
Cranes, wheel (integral), hydraulic operated, telescopic boom, multiple control stations (rubber mounted), including pinned on type, telescopic and articulated . . . . .	(D)	(D)	523	72,780	185	52,656
Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber mounted) . . . . .	2,262	357,054	911	99,271	160	19,302
Cranes, pedestal or shipmounted . . . . .	79	27,572	790	13,266	188	56,284
Cranes, other . . . . .	(D)	(D)	636	120,621	327	54,498
Clamshell/grapple (attachments) . . . . .	606	14,849	3,997	6,875	3,210	5,623
Dragline buckets (attachments). . . . .	104	9,145	-	-	1,187	2,235
Concrete mixers . . . . .	21,163	443,352	1,800	14,566	39,748	28,461
Concrete pavers, finishers, and spreaders . . . . .	74,824	147,088	1,412	35,239	2,249	3,813
Concrete pumps. . . . .	(D)	(D)	1,865	20,381	16,731	19,529
Bituminous pavers, finishers, and spreaders . . . . .	(D)	(D)	614	39,328	2,798	3,212
Asphalt plants and bituminous stabilization mixing equipment . . . . .	333	229,602	940	28,180	39	116
Scraper bowls . . . . .	2,427	237,532	3,762	6,217	1,027	11,104
Motor graders and light maintainers . . . . .	(D)	(D)	1,783	178,525	720	73,320
Self-propelled vibratory compaction equipment . . . . .	(D)	(D)	2,262	79,622	3,940	110,436
Self-propelled static compaction equipment. . . . .	(D)	(D)	924	46,650	605	15,254
Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated . . . . .	(D)	1,457,286	3,126	412,977	294	51,557
Off-highway trucks, truck-type tractor chassis, trailers, and wagons . . . . .	(D)	132,841	1,950	253,701	1,753	276,124
Winches for mounting (towing, logging, and oil field types) . . . . .	(D)	103,691	440,623	76,430	2,504,578	76,776
Backhoes for mounting . . . . .	20,148	120,638	2,699	9,032	4,322	2,984
Other construction machinery for mounting . . . . .	39,882	134,077	21,143	52,362	57,026	81,801
Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element. . . . .	(D)	(D)	1,639	22,490	-	-

Continued



Table 3. Shipments, Exports, and Imports of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product description	Manufacturers' shipments 1/		Export shipments 3/		Import shipments 4/	
	Quantity	Value 2/	Quantity	Value	Quantity	Value 5/
Self-propelled continuous ditchers and trenchers integral units), wheel-type digging element . . . . .	(D)	(D)	374	14,194	43	3,067
1996						
Wheel tractors, contractors' off-highway type, 2- and 4-wheel for use on natural terrain . . . . .	(D)	(D)	2,822	47,231	5,375	31,848
Rubber-tired dozers . . . . .	(D)	(D)	303	12,090	32	3,561
Wheeled log skidders, self-propelled. . . . .	3,086	326,764	1,019	61,339	588	59,359
Crawler tractors (except crawler loaders). . . . .	(D)	(D)	1,873	337,147	4,541	296,965
Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer. . . . .	(D)	(D)	15,355	584,447	4,592	304,415
Skid steer loaders. . . . .	53,952	840,304	1,074	79,176	1,633	64,039
Crawler loaders . . . . .	(D)	(D)	72	4,899	1,156	131,261
Excavators, hydraulic operated, crawler mounted . . . . .	12,952	1,471,494	2,016	246,279	7,025	586,480
Excavators, hydraulic operated, wheel (rubber) mounted . . . . .	(D)	(D)	48	8,181	1,253	110,723
Cranes, lattice boom, wheel (rubber) mounted. . . . .	39	29,701	165	24,427	31	25,875
Cranes, wheel (integral), hydraulic operated, telescopic boom, multiple control stations (rubber mounted), including pinned on type, telescopic and articulated . . . . .	(D)	(D)	513	68,082	157	83,349
Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber mounted) . . . . .	1,974	290,278	991	102,200	153	20,544
Cranes, pedestal or shipmounted . . . . .	81	15,532	306	7,010	132	25,856
Cranes, other . . . . .	(D)	(D)	691	93,009	378	46,124
Clamshell/grapple (attachments) . . . . .	593	14,758	3,142	6,102	1,971	5,879
Dragline buckets (attachments). . . . .	94	8,028	-	-	2,966	784
Concrete mixers . . . . . r/	21,327	426,088	1,426	15,992	32,371	17,961
Concrete pavers, finishers, and spreaders . . . . .	96,244	122,855	841	20,647	628	3,151
Concrete pumps. . . . .	(D)	(D)	1,617	16,879	7,073	15,572
Bituminous pavers, finishers, and spreaders . . . . .	2,507	217,716	573	27,094	94	537
Asphalt plants and bituminous stabilization mixing equipment . . . . .	315	199,893	368	13,973	37	1,108
Scraper bowls . . . . .	2,013	121,467	140	141	1,058	12,618
Motor graders and light maintainers . . . . .	3,762	588,373	2,114	195,435	474	39,175
Self-propelled vibratory compaction equipment . . . . .	(D)	(D)	1,707	65,832	4,358	93,058
Self-propelled static compaction equipment. . . . .	(D)	(D)	489	34,914	424	16,176
Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated . . . . . r/	2,636	1,518,782	3,133	495,297	191	46,806
Off-highway trucks, truck-type tractor chassis, trailers, and wagons . . . . . r/	2,165	r/ 113,803	1,469	251,441	1,345	208,353
Winches for mounting (towing, logging, and oil field types) . . . . .	(D)	91,069	282,728	70,005	2,106,101	56,776
Backhoes for mounting . . . . .	13,448	87,448	1,688	5,701	2,008	2,069

Continued

Table 3. Shipments, Exports, and Imports of Selected Construction Machinery: 1997 and 1996  
 [Quantity in number of units. Value in thousands of dollars]

Product description	Manufacturers' shipments 1/		Export shipments 3/		Import shipments /4	
	Quantity	Value 2/	Quantity	Value	Quantity	Value 5/
Other construction machinery for mounting . . . . . r/	36,800	r/ 127,018	29,095	50,774	41,597	60,756
Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element. . . . .	(D)	(D)	978	13,501	-	-
Self-propelled continuous ditchers and trenchers integral units), wheel-type digging element . . . . .	(D)	(D)	321	10,220	58	1,731

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data..

1/See Table 4 for comparability.

2/Value f.o.b. plant.

3/Source: Bureau of Census report EM 545, U.S. Exports.

4/Sources: Bureau of Census report IM 145, General Imports, and IM 146, U.S. Imports for Consumption.

5/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 Standard Industrial Classification-Based Product Codes with Schedule B Export and HTSUSA Import Numbers: 1997

Product code 1/	Product description 2/	Export number 3/	Import number 4/
35315 99 pt.	Wheel tractors, contractors' off-highway type, 2- and 4-wheel for use on natural terrain	8701.90.5015	8701.90.5015
		8701.90.5020	8701.90.5020
		8701.90.5025	8701.90.5025
35315 99 pt.	Rubber-tired dozers	8429.19.0010	8429.19.0010
35315 37	Wheeled log skidders, self-propelled	8701.90.1001	8701.90.1001
35315 99 pt.	Crawler tractors (except crawler loaders)	8701.30.0015	8701.30.1015
		8701.30.0030	8701.30.1030
		8701.30.0045	8701.30.1045
		8701.30.0060	8701.30.1060
		8701.30.0075	8701.30.1075
			8701.30.5015
			8701.30.5030
			8701.30.5045
	8701.30.5060		
	8701.30.5075		
3531C 71	Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer	8429.51.1015	8429.51.1015
3531C 72		8429.51.1025	8429.51.1025
3531C 73		8429.51.1030	8429.51.1030
3531C 74		8429.51.1035	8429.51.1035
		8429.51.1040	8429.51.1040
		8429.51.1045	8429.51.1045
		8429.51.1050	8429.51.1050
	8429.51.1055	8429.51.1055	
3531C 60	Skid steer loaders	8429.51.1060	8429.51.1060
3531C 82	Crawler loaders	8429.51.5010	8429.51.5010
		8429.51.5020	8429.51.5020
		8429.51.5030	8429.51.5030
		8429.51.5040	8429.51.5040
		8429.51.5050	8429.51.5050

Continued

Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export and HTSUSA Import Numbers: 1997

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3531E 05 3531E 06 3531E 07	Excavators, hydraulic operated, crawler mounted	8429.52.1010	8429.52.1010
3531E 19	Excavators, hydraulic operated, wheel (rubber) mounted	8429.52.1030	8429.52.1030
3531E 35	Cranes, lattice boom, wheel (rubber) mounted	8426.41.0010 8705.10.0010	8426.41.0010 8705.10.0010
3531E 42 3531E 44 3531E 46 3531E 48 3531E 57	Cranes, wheel (integral), hydraulic operated telescopic boom, multiple control stations (rubber-mounted) stations, including pinned-on type, telescopic and articulated	8705.10.0050	8705.10.0050
3531E 61 3531E 64 3531E 67	Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber-mounted)	8426.41.0090	8426.41.0090
3531E 84	Cranes, pedestal or shipmounted	8426.30.0000	8426.30.0000
3531E 22 3531E 24 3531E 72 3531E 74 3531E 76 3531E 78 3531E 89	Cranes, other	8426.49.0010 8426.49.0090 8429.52.1020	8426.49.0010 8426.49.0090 8429.52.1020
3531E 97	Clamshell/grapple attachments for power cranes, draglines, and excavators (sold separately)	8431.41.0040	8431.41.0040
3531E 95	Dragline bucket attachments for power cranes, draglines, and excavators (sold separately)	8431.41.0060	8431.41.0060
3531F 22	Concrete mixers	8474.31.0000	8474.31.0000

Continued

Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export and HTSUSA Import Numbers: 1997

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3531F 31 3531F 43			
3531F 33 3531F 39 3531F 40 3531F 42	Concrete pavers, finishers, and spreaders	8479.10.0040	8479.10.0040
3531F 50	Concrete pumps	8413.40.0000	8413.40.0000
3531F 66 3531F 71 3531F 75 3531F 89	Bituminous pavers, finishers, and spreaders	8479.10.0060	8479.10.0060
3531F 82 3531F 84 3531F 85	Asphalt plants and bituminous stabilization mixing equipment	8474.32.0000	8474.32.0000
3531G 02	Scraper bowls	8431.49.9045	8431.49.9045
3531G 11 3531G 17	Motor graders and light maintainers	8429.20.0000	8429.20.0000
3531G 37 3531G 39 3531G 42 3531G 46 3531G 49 3531G 52 3531G 56	Self-propelled vibratory compaction equipment	8429.40.0020	8429.40.0020
3531G 21 3531G 23 3531G 26 3531G 32	Self-propelled static compaction equipment	8429.40.0040	8429.40.0040

Continued

Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export and HTSUSA Import Numbers: 1997

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3531G 71	Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated	8704.10.5020	8704.10.5020
		8704.10.5030	8704.10.5030
		8704.10.5040	8704.10.5040
		8704.10.5050	8704.10.5050
3531G 76	Off-highway trucks, truck-type tractor chassis, trailers, and wagons	8704.10.5060	8704.10.5060
		8704.10.1000	8704.10.1000
3531W 90	Winches for mounting (towing, logging, and oil-field types)	8425.31.0000 8425.39.0000	8425.31.0000 8425.39.0000
3531Q 12	Backhoes for mounting (whether or not mounted on an integral unit)	8431.49.9005	8431.49.9005
3531Q 99	Other construction machinery for mounting, including sidebooms, pipehandlers, dozers, front-end loaders, rippers, and roter	8428.90.0030	8428.90.0030
3531W 99		8428.90.8030	8428.90.8030
		8431.42.0000	8431.42.0000
		8431.49.9010	8431.49.9010
		8431.49.9015	8431.49.9015
3531J 14	Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element	8429.59.5020	8429.59.5020
3531J 15			
3531J 16			
3531J 18	Self-propelled continuous ditchers and trenchers (integral units), wheel-type digging element	8429.59.5040	8429.59.5040

1/Standard Industrial Classification code, see Table 2.

2/Used in Table 3.

3/Source: 1997 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

4/Source: Harmonized Tariff Schedule of the United States, Annotated (1997).