



SALES OF NEW CONSTRUCTION MACHINERY AND SELECTED ATTACHMENTS, AUSTRALIA SEPTEMBER QUARTER 1986

- PHONE INQUIRIES** • *about these statistics*—contact Rod Martin on Canberra (062) 52 5558 or any ABS State office.
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- ELECTRONIC SERVICES** • on **VIATEL** — key *656#. • on **AUSSTATS** — phone (062) 52 6017.
• on **TELESTATS** — phone (062) 52 5404.

EXPLANATORY NOTES

Introduction

This publication contains statistics relating to the sales in Australia of imported and Australian-made new construction machinery and selected attachments.

2. These statistics have been derived from returns collected from principals marketing new construction machinery and selected attachments. The principals are those businesses in Australia which, in respect of the items of new construction machinery and attachments specified in the return, (a) market under their own name(s) or trade name(s), or (b) import into Australia and market under the name(s) or trade name(s) of overseas businesses.

3. For the purpose of these statistics a sale occurs when the machinery or attachment is delivered or it is in transit to the end user.

4. Details relating to attachments cover attachments sold separately and attachments mounted on tractors.

Related publications

5. Statistics on agricultural machinery and tractors are available from this Bureau in the following publications.

New Agricultural Machinery, Australia (8505.0) — issued quarterly

Sales and Stocks of New Tractors, Australia (8507.0) — issued quarterly

Manufacturing Commodities, Principal Articles Produced, Australia, 1982-83 and 1983-84 (8303.0) (\$4.20)

6. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- nil or rounded to zero
- n.p. not available for separate publication (but included in totals where applicable)

Electronic services

7. **VIATEL**. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the **AUSSTATS Help Desk** on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

IAN CASTLES
Australian Statistician

SALES OF NEW CONSTRUCTION MACHINERY AND SELECTED ATTACHMENTS, AUSTRALIA
(number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1985	June 1986	Sept. 1985	Dec. 1985	Mar. 1986	June 1986	Sept. 1986
1. SELECTED ATTACHMENTS—sold singly or as original equipment with Prime Mover							
Dozers for use with—							
Wheeled tractors	150	153	n.p.	n.p.	44	31	n.p.
Crawler tractor	386	334	78	85	87	84	41
Rippers	402	269	71	95	56	47	38
Loader attachments for two-wheel drive tractors (classified by capacity of the manufacturers standard bucket)—							
Up to and including 0.4 cu metres	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 0.4 cu metres up to and including 0.5 cu metres	953	479	161	126	83	109	100
Over 0.5 cu metres up to and including 0.75 cu metres	412	244	n.p.	n.p.	65	33	46
Over 0.75 cu metres	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Total Loader Attachments	1,582	1,084	302	211	210	341	268
Hydraulic backhoes tractor mounted or trailing (classified by digging depths to IEMC standard 5). Exclude hydraulic excavators with 270° slew and over—							
Centre mounted	187	93	24	31	19	19	n.p.
Side-shift	857	814	223	208	184	199	151
2. LOADERS integrally built machines comprising tractor, loader arms and bucket. (classified by loader capacity as SAE rating of standard bucket in cubic metres with a standard bucket as defined in footnote (a))							
Crawler loaders—							
Up to and including 1.0 cu metres	288	368	112	94	91	71	33
Over 1.0 cu metres up to and including 1.2 cu metres	39	38	9	15	4	10	6
Over 1.2 cu metres up to and including 1.5 cu metres	44	27	n.p.	n.p.	7	13	n.p.
Over 1.5 cu metres up to and including 1.9 cu metres	28	24	n.p.	n.p.	n.p.	n.p.	10
Over 1.9 cu metres	20	19	6	7	n.p.	n.p.	n.p.
Total Crawler Loaders	419	476	134	127	109	106	61
Wheel loaders, four wheel drive—							
Up to and including 0.5 cu metres	230	169	59	n.p.	n.p.	n.p.	55
Over 0.5 cu metres up to and including 1.0 cu metres	69	78	15	29	18	16	67
Over 1.0 cu metres up to and including 1.5 cu metres	213	173	57	41	37	38	34
Over 1.5 cu metres up to and including 1.8 cu metres	137	130	30	39	33	28	41
Over 1.8 cu metres up to and including 2.5 cu metres	188	186	45	66	32	43	40
Over 2.5 cu metres up to and including 3.0 cu metres	57	48	21	n.p.	n.p.	n.p.	24
Over 3.0 cu metres	173	207	68	53	45	41	57
Total Wheel Loaders	1,067	991	295	292	210	194	318
3. MOTOR GRADERS							
Rated net flywheel power (with accessories) at governed R.P.M.—							
Up to and including 75 kw	27	24	7	6	4	7	n.p.
Over 75 kw up to and including 100 kw	95	61	17	16	10	18	n.p.
Over 100 kw	369	275	67	72	64	72	73
Total Motor Graders	491	360	91	94	78	97	83
4. SCRAPERS WITH OR WITHOUT ELEVATORS	68	51	n.p.	n.p.	n.p.	n.p.	n.p.
5. OFF HIGHWAY TRUCKS							
Payload capacity—							
Up to and including 80 tonnes	109	185	47	63	48	27	42
Over 80 tonnes	6	99	14	18	29	38	6
Total Off Highway Trucks	115	284	61	81	77	65	48
6. EXCAVATING MACHINERY (operating weight equipped with standard backhoe configuration)							
Wheel mounted (b)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Crawler mounted (c) (including dredging machinery)—							
Up to and including 18 tonnes	195	190	63	49	35	43	34
Over 18 tonnes up to and including 25 tonnes	272	238	77	55	57	49	56
Over 25 tonnes	173	170	53	35	50	32	41
7. TAMPING AND COMPACTING MACHINERY							
Pedestrian guided (all types)	2,644	2,429	717	587	579	546	612
Drawn	32	14	6	n.p.	n.p.	n.p.	n.p.
Self-propelled—							
Vibrating rollers—							
Rubber tyre	94	33	n.p.	n.p.	n.p.	n.p.	n.p.
Steel wheel	336	314	71	69	75	99	101
Non-vibrating rollers	50	26	n.p.	8	n.p.	n.p.	7

For footnotes see end of table

SALES OF NEW CONSTRUCTION MACHINERY AND SELECTED ATTACHMENTS, AUSTRALIA—continued
(number of units sold)

Type of implement or attachment	Year ended		Quarter ended				
	June 1985	June 1986	Sept. 1985	Dec. 1985	March 1986	June 1986	Sept. 1986
8. MOBILE CRANES (d) excluding self-propelled excavators and powered store trucks (lifting capacity maximum)							
Self-propelled rough terrain and wagon types	16	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Truck and carrier mounted type—	27	} n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Up to and including 15 tonnes	33						
Over 15 tonnes							
Wheeled type—		} 18	n.p.	n.p.	n.p.	n.p.	n.p.
Up to and including 5 tonnes	n.p.						
Over 5 tonnes	43						
Crawler type	n.p.	n.p.	—	n.p.	—	n.p.	—
<i>Total Mobile Cranes</i>	138	98	31	11	27	29	39
9. LOG SKIDDERS	34	14	4	n.p.	—	n.p.	n.p.

(a) The standard bucket is an actual bucket offered for sale with capacity no greater than that calculated to provide an operating load in accordance with SAE J818(a) using material of 1800 kg cu metre density. The machine should be in a standard configuration and exclude any optional counter weighting. (b) Includes pedestal mounted excavators which would normally be sold attached to rubber-tyred, truck or carrier mounted units. Also includes hydraulic excavators with 270° slew and over but not hydraulic backhoes. (c) Includes pedestal mounted excavators which would normally be sold attached to crawler mounted units. Also includes hydraulic excavators with 270° slew and over but not hydraulic backhoes. (d) Winch and crane boom attachments sold as such are classified according to the anticipated major use e.g. if to be mounted on a wheeled tractor are shown under wheeled tractor type.