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SALES OF NEW CONSTRUCTION MACHINERY, INDUSTRIAL TRACTORS AND SELECTED ATTACHMENTS, AUSTRALIA SEPTEMBER QUARTER 1980

INQUIRIES

If you want to know more about these statistics ring Mr Cyril Rees on Canberra (062) 52 5558 or our State Office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616

For copies of this publication contact Information Services, Canberra (062) 52 6627 or State office.

EXPLANATORY NOTES

Introduction

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

2. These statistics have been derived from returns collected from principals marketing new construction machinery, industrial tractors 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 business overseas.

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 Statistics, Australia (8505.0) — issued quarterly

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

Manufacturing Commodities, Principal Articles Produced, Australia, 1977-78 and 1978-79 (8303.0)

6. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0) which is available free of charge 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).

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Australian Statistician

SALES OF NEW CONSTRUCTION MACHINERY, INDUSTRIAL TRACTORS AND SELECTED ATTACHMENTS, AUSTRALIA
(Number of units sold)

Type of implement or attachment	Year end			Quarter ended		
	June 1980	September 1979	December 1979	March 1980	June 1980	September 1980
1. TRACTORS (Includes only the Bare Machine : Excludes Tractor Bases for Loaders)						
Crawler tractors having a shipping mass of—						
Up to but not exceeding 10,000 kg	228	50	55	59	64	65
Exceeding 10,000 kg but not exceeding 15,000 kg	133	20	30	33	50	n.p.
Exceeding 15,000 kg but not exceeding 20,000 kg	92	n.p.	17	21	n.p.	n.p.
Exceeding 20,000 kg but not exceeding 30,000 kg	76	13	n.p.	17	n.p.	n.p.
Exceeding 30,000 kg	48	n.p.	n.p.	15	n.p.	20
<i>Total Crawler Tractors</i>	<i>577</i>	<i>106</i>	<i>121</i>	<i>145</i>	<i>205</i>	<i>158</i>
Wheeled tractors, rubber tyred, four wheel drive—						
Maximum P.T.O. kw						
Up to but not exceeding 60 P.T.O. kw	n.p.	n.p.	n.p.	n.p.	—	—
Exceeding 60 but not exceeding 90 P.T.O. kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Exceeding 90 P.T.O. kw	18	n.p.	n.p.	n.p.	n.p.	n.p.
<i>Total Wheeled Tractors</i>	<i>110</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>
2. SELECTED ATTACHMENTS						
Sold singly or as original equipment with Prime Mover.						
Dozers—for use with						
Wheel tractors—						
two-wheel drive	210	61	n.p.	47	n.p.	n.p.
four-wheel drive	200	70	n.p.	34	n.p.	n.p.
Crawler tractor	556	101	127	163	165	152
<i>Total Doz. Attachments</i>	<i>966</i>	<i>232</i>	<i>237</i>	<i>244</i>	<i>253</i>	<i>240</i>
Rippers						
Loader attachments for two-wheel drive tractors (classified by capacity of the manufacturers standard bucket)	828	189	161	227	251	173
Up to and including 0.4 cu metres	221	73	n.p.	n.p.	n.p.	98
Over 0.4 cu metres up to and including 0.5 cu metres	1,176	285	288	303	300	249
Over 0.5 cu metres up to and including 0.75 cu metres	672	139	145	154	234	127
Over 0.75 cu metres	167	26	n.p.	n.p.	n.p.	84
<i>Total Loader Attachments</i>	<i>2,236</i>	<i>523</i>	<i>534</i>	<i>544</i>	<i>635</i>	<i>558</i>
Hydraulic backhoes tractor mounted or trailing, exclude hydraulic excavators with 270° slew and over.						
Classified by digging depths to IEMC standard 5 centre mounted.						
Up to and including 3.5 metres maximum digging depth	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 3.5 metres up to and incl. 4.5 metres max. digging depth	92	18	17	30	27	n.p.
Over 4.5 metres maximum digging depth	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<i>Total tractor mounted or trailing</i>	<i>168</i>	<i>30</i>	<i>35</i>	<i>46</i>	<i>57</i>	<i>39</i>
Side-shift—						
Up to and including 3.5 metres maximum digging depth	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 3.5 metres up to and incl. 4 metres max. digging depth	503	n.p.	n.p.	115	153	129
Over 4.5 metres maximum digging depth	n.p.	—	—	n.p.	n.p.	n.p.
<i>Total side-shift</i>	<i>626</i>	<i>163</i>	<i>142</i>	<i>141</i>	<i>180</i>	<i>176</i>
<i>Total Hydraulic Backhoes</i>	<i>794</i>	<i>193</i>	<i>177</i>	<i>187</i>	<i>237</i>	<i>215</i>
3. LOADERS						
Complete 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	150	51	19	41	39	57
Over 1.0 cu metres up to and including 1.2 cu metres	27	n.p.	n.p.	5	n.p.	n.p.
Over 1.2 cu metres up to and including 1.5 cu metres	32	n.p.	7	6	n.p.	11
Over 1.5 cu metres up to and including 1.9 cu metres	56	17	14	9	16	14
Over 1.9 cu metres	25	n.p.	n.p.	7	11	n.p.
<i>Total Crawler Loaders</i>	<i>290</i>	<i>85</i>	<i>47</i>	<i>68</i>	<i>90</i>	<i>94</i>
Wheel loaders, four wheel drive						
Up to and including 0.5 cu metres	189	n.p.	41	47	n.p.	n.p.
Over 0.5 cu metres up to and including 1.0 cu metres	62	n.p.	20	16	n.p.	n.p.
Over 1.0 cu metres up to and including 1.5 cu metres	177	34	38	47	59	43
Over 1.5 cu metres up to and including 1.8 cu metres	79	18	25	n.p.	n.p.	22
Over 1.8 cu metres up to and including 2.5 cu metres	136	35	33	32	36	33
Over 2.5 cu metres up to and including 3.0 cu metres	87	21	27	n.p.	n.p.	21
Over 3.0 cu metres	133	32	27	34	50	32
<i>Total wheel Loaders</i>	<i>863</i>	<i>177</i>	<i>211</i>	<i>203</i>	<i>272</i>	<i>232</i>

For footnotes see page 3.

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

Type of implement or attachment	Year ended		Quarter ended			
	June 1980	September 1979	December 1979	March 1980	June 1980	September 1980
4. MOTOR GRADERS						
Rated net flywheel power (with accessories) at governed R.P.M.						
Up to and including 75 kw	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 75 kw up to and including 100 kw	n.p.	32	n.p.	n.p.	n.p.	n.p.
Over 100 kw	209	n.p.	58	45	n.p.	51
Total Motor Graders	357	66	93	81	115	78
5. SCRAPERS WITH OR WITHOUT ELEVATORS						
Heaped capacity—						
Up to but not exceeding 20 cu m	n.p.	11	n.p.	n.p.	n.p.	n.p.
Exceeding 20 cu m	n.p.	5	n.p.	n.p.	n.p.	n.p.
Total scrapers	146	16	31	41	58	43
6. OFF HIGHWAY TRUCKS						
Payload capacity—						
Up to and including 45 tonnes	n.p.	10	n.p.	n.p.	n.p.	6
Over 45 tonnes up to and including 80 tonnes	n.p.	n.p.	n.p.	n.p.	n.p.	5
Over 80 tonnes	41	n.p.	13	7	n.p.	14
Total Off Highway Trucks	113	22	32	16	43	25
7. EXCAVATING MACHINERY						
(operating weight equipped with standard backhoe configuration)						
Wheel mounted (b)	n.p.	n.p.	—	n.p.	n.p.	n.p.
Crawler mounted (c) (including dredging machinery)—						
Up to and including 18 tonnes	101	12	23	30	36	12
Over 18 tonnes up to and including 25 tonnes	72	24	n.p.	n.p.	29	n.p.
Over 25 tonnes	n.p.	n.p.	n.p.	10	n.p.	17
Total Excavators	319	52	55	85	127	48
8. TAMPING AND COMPACTING MACHINERY						
Pedestrian guided (all types)	2 090	450	658	487	495	381
Drawn—						
Vibrating rollers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Non-vibrating rollers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Total Drawn Rollers	61	17	16	11	17	14
Self-propelled—						
Vibrating rollers—						
Rubber wheel	165	40	56	27	42	44
Steel wheel	151	52	39	36	24	90
Non-vibrating rollers—						
Rubber tyre	n.p.	15	n.p.	n.p.	n.p.	n.p.
Steel wheel	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Tamping foot	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Total Self-Propelled Rollers	454	115	131	80	98	161
9. MOBILE CRANES (d) excluding self-propelled excavators and powered stone tracks (lifting capacity maximum)—						
Self-propelled rough terrain and wagon types	32	n.p.	16	8	n.p.	n.p.
Truck and carrier mounted type—						
Up to and including 10 tonnes	75	18	n.p.	n.p.	n.p.	n.p.
Over 10 tonnes up to and including 20 tonnes	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Over 20 tonnes	36	n.p.	9	n.p.	19	11
Wheel tractor type—						
Up to and including 5 tonnes	n.p.	—	n.p.	n.p.	n.p.	—
Over 5 tonnes	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Crawler tractor type	n.p.	n.p.	n.p.	—	n.p.	—
Total Mobile Cranes	335	60	85	79	111	89
10. TRENCH AND DITCH DIGGING MACHINERY (excluding backhoes), all types						
	596	84	n.p.	n.p.	288	107
11. LOG SKIDDERS						
	73	13	19	20	21	34

(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 J181(a) using material of 1800 kg cu metre density. This 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.