DL 1 DRG. BAR No. 773

VICTORIAN RAILWAYS

DERRICK CRANES
3-2 Ton Capacity (Diagram 1) Plan 203/50
Manual Operation

Manufactured over a number of years by various contractors, of timber construction, and where fitted, the derricking motion is locked out with jibs at approximately 45°. The derricking motion is only used for erection and dismantling. 40' timber jib.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Berriwillock	3	[illegible]	[illegible]
Beulah	3	Boort	3
Brim	3	Cobden	3
Dunkeld	2	Eaglehawk	3
Foster	2	Geelong (Works Depot)	2
Goroke	2	~~Kaniva~~	~~2~~
Kooloonong	3	Korumburra (Works Depot)	2
Minyip	3	Mitiamo	2
Rainbow	3	Serviceton	2
Seymour (Works Depot)	3	Underbool	3
Wangaratta (Works Depot	2	Warrnambool (Works Depot	2
Westmere	3		

Total : 21 No.

DERRICK CRANES
6-4 Ton Capacity (Diagram 2) Plan 203/50
Manual Operation

GROUP 1 - Manual Operation

Manufactured over a number of years by various contractors, of timber construction. Derricking motion locked with jib at approximately 45°. Derricking motion only used for erection or dismantling. 40' timber jib.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Bacchus Marsh	6	Ballan	6
Balmoral	6	Carisbrook	6
Cobram	6	Cohuna	4
Coleraine	6	Cressy	6
Culgoa	4	Daylesford	6
Dookie	6	Drouin	6
Elmore	6	Fernhill	6
Fish Creek	6	Flemington Show Grounds	6
Glengarry	6	Gunbower	6
Harcourt	6	Heathcote	6
Heyfield	6	Heywood	6
Hopetoun	6	Jeparit	6
Kilmore	6	Korong Vale	6
Lilydale	6	Lindenow	6
Lismore	6	Maldon	4
Manangatang	6	Mirboo North	4
Mooroopna	4	Murchison East	6
Murrayville	6	Myrtleford	6
Nagambie	4	Nathalia	5
Newport	6	Pakenham	6
Picola	6	Port Fairy	6
[illegible]	[illegible]	Pyramid	4

GROUP 1, Contd.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Quambatook	6	Redcliffs	6
Rosedale	6	Rupanyup	4
Rushworth	4	Sale (Stores Siding)	6
Sea Lake	4	Tallangatta	6
Toolamba	4	Toora	6
Trentham	6	Timboon	6
Ultima	6	Wahgunyah	6
Warburton	6	Watchem	6
Wedderburn	4	Werribee	6
Willaura	6	~~Weemelang~~	~~6~~
Yarrawonga	4		

Total : 63 No.

GROUP 2 - Converted to Electric Drive through existing hand drive gearing

~~Alexandra~~	~~6~~	Beaufort	6
Birregurra	6	Box Hill	6
Bruthen	6	Casteron	6
Eurca	~~8~~ 4	Healesville	6
Korumburra	6	Maffra	6
Seymour	6	Ovens	6
Stawell	6	Toorak	6
Windsor	6		

Total : 14 No.

GROUP 3 - Converted to Petrol Engine Drive

Bright	6	Fitted with "Petter" Type P.A. petrol engine driving through hand drive gearing.
Dartmoor	6	Fitted with privately owned petrol engine
Fernbank	6	Fitted with "Petter" Type P.A. petrol engine driving through hand drive gearing.

Total : 3 No.

GROUP 4 - Fitted with Electric Hoisting Units. Hand hoisting & derricking gear removed

Ararat	6	Fitted with a "Lenix" 2 ton hoisting unit (3 fall rope). Steel tubular jib fitted and fixed at 45°.
Alexandra	6	do. do. do.
Benalla	6	do. do. do.
Birchip	6	do. do. do.
Camperdown	6	do. do. do.
Coburg	6	Fitted with Marfleet & Weight 3 ton hoisting unit (2 fall rope).
Creswick	6	Fitted with a "Lenix" 2 ton hoisting unit and steel jib, as above
Dimboola	6	DO. DO. do.
Kyabram	4	do. do. do.
Kyneton	6	do. do. do.
Leongatha	6	Fitted with "Marfleet & Weight" 3 ton hoisting unit. (2 fall rope)
Mansfield	6	Fitted with a "Lenix" 2 ton hoisting unit and steel jib, as above
Mortlake	4	do. do. do.
Nhill	6	do. do. do.
Numurkah	4	do. do. do.
Ouyen	6	

GROUP 4, Contd.

Location	Safe Working Load Tons	
Orbost	6	Fitted with a "Lenix" 2 ton hoisting unit and steel jib, as above
Rochester	6	do. do. do.
St. Arnaud	6	do. do. do.
Stratford	6	do. do. do.
Tatura	4	do. do. do.
Terang	6	do. do. do.
Wonthaggi	6	do. do. do.
Yarram	6	do. do. do.
Yea	6	do. do. do.
Woomelang	6	

Total : 26 No.

D E R R I C K C R A N E S

10-6 Ton Capacity (Diagram 3) Plan 203/50

Rutherglen	6	Hand drive converted to electric operation. Timber construction. Derricking motion locked with jib at approximately 45°. Length of jib 41'.
Nowa Nowa	10	Fitted with a privately owned petrol engine. Length of jib 41'.

Total : 2 No.

8 ton Capacity (Diagram 15)

Manufactured by Stothert & Pitt (Aust.) Pty. Ltd. Electric operation. All steel construction. Electric operation on hoisting, derrick and slewing. Length of jib 42'.

Bendigo	Castlemaine	Colac
Echuca	Hamilton	Horsham
Moe	Morwell	Shepparton
Swan Hill	Traralgon	Wangaratta
Warragul	West Footscray	

Total : 14 No.

ALL DERRICK CRANES :

Manual Operation	86
Electric Operation	54
Petrol Engine Operation	4
Total :	144

J I B C R A N E S

2 Ton Capacity (Diagram 4). Plan 203/50
Manual Operation

Manufacturer unknown. Cast Iron and Wrought Iron Construction.
Length of Jib 22'-0".

Location	Location
Annuello	Goornong
Natimuk	Talbot

Total - 4 No.

2½ Ton Capacity (Diagram 5). Plan 203/50
Manual Operation

Manufactured by Victorian Railways. Steel Construction.
Length of Jib 26'-9".

Location	Location	Location
Bairnsdale	Chillingollah	Colbinabbin
Cudgewa	Devenish	Dimboola
Euroa	Frankston	Koo-Wee-Rup
Lalbert	Marnoo	Merbein
Mornington	~~Moulamein~~	Netherby
Nyah West	Ouyen (Works Depot)	Patchewollock
Piangil	Robinvale	Sale
Stanhope	Stony Point	Sunshine
Tungamah	Yarrawonga	

Total - ~~26~~ 25 No.

3 Ton Capacity (Diagram 6). Plan 203/50
Manual Operation

Manufactured by Stothert & Pitt, (England).
Cast Iron and Wrought Iron Construction. Wooden Jib, 18'-9" long.

Location	Location	Location
Gisborne	Macedon	Meredith

Total - 3 No.

5 - 2 Ton Capacity "Britannia" (Diagram 7). Plan 203/50
Manual Operation

Group 1 - Manual Operation
Manufactured by "Britannia" Ironworks, Melbourne.
Wrought Iron Construction with Cast Iron Columns. Jib 28'-0" long.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Koondrook	5	Murtoa	3
Portland	2	Tongala	3
Welshpool	3		

Total - 5 No.

J I B C R A N E S

5 - 2 Ton Capacity "Britannia" (Diagram 7). Plan 203/50
Converted to Electric Drive

Group 2

Manufactured by "Britannia" Ironworks, Melbourne.
Wrought Iron Construction with Cast Iron Columns. Jib 28' long.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Benalla	4	Bendigo	4
Colac	3	Hamilton	3
Horsham	3	Melbourne Goods Yard	4
Melbourne Goods Yard	3	Melbourne Goods Yard	3
Melbourne Goods Yard	2	Melbourne Goods Yard	2
Shepparton	3	Warrnambool	3
Wycheproof	4		

Total - 13 No.

Fitted with Electric Hoisting Unit.

Group 3

Location	Safe Working Load Tons	Length of Jib	Remarks
Donald	4	28'-0"	Fitted with "Lenix" 2 ton hoisting unit, (2 fall rope)

Total - 1 No.

5 - 2 Ton Capacity "Bridgewater" (Diagram 8). Plan 203/50
Manual Operation

Manufactured by "Bridgewater" Engineering Co., England.
Wrought Iron and Cast Iron Construction. Jib length 21'-0".

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Avoca	4	Bealiba	2½
Beechworth	3	Bridgewater	3
Clunes	5	Dunolly	5
Inglewood	5	Newstead	2
Tallarook	2	Violet Town	4

Total - 10 No.

5 - 3 Ton Capacity, Design Unknown (Diagram 9)
Manual Operation

Manufactured by Hennet, Spinks & Else, Bridgewater, England.
Cast Iron Construction. Wooden Jib. 17'-0" long.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Elphinstone	5	Golden Square	3
Malmsbury	3	Seymour	3

Total - 4 No.

J I B C R A N E S

10 - 7½ Ton Capacity, (Diagram 11)
Manual Operation

Manufactured by Ellis & Co., Bridgewater, England.
Cast Iron Construction. Wooden Jib 21'-0" long.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Ballarat East	8	Bendigo	10
Harcourt	10	Woodend	7½

Total - 4 No.

15 Ton Capacity
Electric Operation

Manufactured by Babcock & Wilcox Ltd., England

Location	Safe Working Load Tons	Length of Jib	Remarks
Ballarat	15	26'-0"	All steel construction. Electric operation on hoisting, derricking and slewing. (Derricking gear inoperative
Geelong	15	26'-0"	1½ tons auxiliary lift provided at end of jib. (Derricking gear inoperative

Total - 2 No.

5 Ton Capacity (Diagram 14)
Electric Operation

Manufactured by Malcolm Moore Industries Ltd., Melbourne.
All steel construction. Electric operation on hoisting and slewing.
Jib 31'-6" long.

Location	Safe Working Load Tons	Location	Safe Working Load Tons
Charlton	5	Kerang	5
Maryborough	5	Mildura	5
Oakleigh	5	Portland North	5
Sale	5	Warracknabeal	5
Wodonga	5		

Total - 9 No.

Pillar Type, Design 1960 (Diagram 16)
Manual Operation

Group 1

Manufactured by Ronstrom Cranes Pty. Ltd.

Location	Safe Working Load Tons	Length of Jib	Remarks
Bendigo (Works Depot)	1	18'-0"	Chain block & Trolley on jib.
Koroit	1½	15'-0"	" " " " " "

Total - 2 No.

Group 2 - Fitted with Electric Hoisting Unit

Location	Safe Working Load Tons	Length of Jib	Remarks
Officer	2	15'-0"	Fitted with a "Morling" 2 ton hoisting unit with electric travel and slewing.
	Total - 1 No.		

All JIB CRANES

Manual Operation	58
Electric Operation	26
Total :	84

B R I D G E C R A N E S
5 Ton Capacity, Design 1927, (Diagram 13)
Manual Operation

Manufacturer unknown.

Location	Safe Working Load Tons	Span	Remarks
Camberwell	2	26'-9"	Steel beam and wooden legs construction.

Total - 1 No.

Fitted with Electric Hoisting Unit

Location	Safe Working Load Tons	Span	Remarks
Colac	4	26'-9"	Fitted with a "Lenix" 2 ton hoisting unit (2 fall rope).

Total - 1 No.

M O B I L E C R A N E S

Type	Capacity Tons.	No. in Service	Manufacturer
Cranvel	5	3	Cranes & Shovels Pty. Ltd.
Conquip	5 - 8	1	Contracting Plant
Coles	6	8	Crane & Engineering Co. Ltd.
Coles	4	14	" " " " "
Coles	3	3	" " " " "
Coles	2½	3	" " " " "
Steelweld	3	3	Steelweld
Rail Crane	10	1	H. Harman. Operates on rail track

Total - 36 No.

B R I D G E C R A N E S
4 Ton Capacity, Design 1964, (Diagram 13)
Manual Operation.

Manufacturer : Victorian Railways, A.B.C. and Anchor Engineering

Location	Safe Working Load Tons	Span	Remarks
Kaniva	4	31'-0"	Steel beam and legs
Goorambat	4	31'-0"	" " " "

Total - 2 No.

VICTORIAN RAILWAYS

STEAM CRANES (Rail)

No.	Capacity	Manufacturer	Location
2	5 Tons	Dubbs & Co.	North Melbourne Workshops
3	5 Tons	Newport	North Melb.Loco Depot
4	5 Tons	Newport	Newport
8	5 Tons	Newport	Ballarat North Workshops
15	5 Tons	Newport	Bendigo North Workshops
9	5 Tons	Newport	Newport (Recommended for scrapping)
5	30 Tons Wrecker	Newport	Nth.Melb.Loco Depot
6	10 Tons "	Newport	Recommended for scrapping
7	30 Tons "	Newport	Nth.Melb.Loco Depot
10	10 Tons "	Stoth. & Pitt	Newport
18	60 Tons "	Newport	Nth.Melb.Loco Depot
19	60 Tons "	Newport	Nth.Melb.Loco Depot
33	3 Tons Grab	Harman	Spotswood
36	5 Tons Grab	T.Smith	Spotswood
41	3 Tons Blocked 1-1/2Tons Travelling	Stoth. & Pitt.	Way and Works
42	3 Tons Blocked 1-1/2Tons Travelling	Stoth. & Pitt.	Way and Works
43	3 Tons Blocked 1-1/2 Ton Travelling	Stoth. & Pitt.	Spotswwod
44	3 Tons Blocked 1-1/2 Ton Travelling	Stoth. & Pitt.	Way and Works

HYDRAULIC CRANES

No.	Capacity	Manufacturer	Location
1402	2 Ton	Newport	Wheel Shop
1404	2 Ton	Newport	Wheel Shop
1405	4 Ton	Kerstall Forge - Leeds	Wheel Shop
1407	4 Ton	D.Munro & Co.	Wheel Shop
1408	2 Ton	Newport	Boiling Down West Block
1409	5 Ton	Newport	Wheel Shop
1411	2 Ton	Newport	Wheel Shop
1413	2 Ton	Newport	Wheel Shop
1414	2 Ton	Newport	Wheel Shop
1419	2 Ton	Newport	Boiler Shop