

# Maynards

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**GM HOLDEN LTD**  
ADELAIDE, AUSTRALIA

**LIQUIDATION SALE**

**COMPLETE CAR COMPONENT  
& ASSEMBLY FACILITY**

**1.23 Mio sqm / 300 Acre Facility. We accept offers before 31. October 2017**



In conjunction with:



Contact:  
[holden@maynards.com](mailto:holden@maynards.com)  
[holden@liquidityservices.com](mailto:holden@liquidityservices.com)

**CONSISTING OF:**

- PRESS & DIE SHOP
- PLASTIC BODY COMPONENT
- PAINT SHOP
- TYRE TO RIM ASSEMBLY
- BODY SHOP
- FINAL ASSEMBLY
- GENERAL PLANT EQUIPMENT

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GM Holden Ltd.,  
Adelaide, Australia

# FOR SALE BY PRIVATE NEGOTIATION

## PASSENGER VEHICLE MANUFACTURING EQUIPMENT

Maynards Industries, in conjunction with Joint Venture Partners Liquidity Services, has been appointed as exclusive sales agent to assist GM Holden Ltd in the sale of assets surplus to ongoing requirements from their Adelaide Vehicle Manufacturing & Assembly facility.

In the course of Holden's reorganization, the Adelaide Vehicle Manufacturing & Assembly facility in Elizabeth will cease production in October 2017. The facility is setup for the Zeta and Delta platform and currently produces approx. 335 cars per day (Holden Commodore range/Chevrolet SS Sedan as well as the Holden Caprice/Chevrolet Caprice PPV). The maximum capacity of this plant is 825 cars per day.

This brochure provides a first insight into a unique opportunity to purchase state of the art and very well maintained Automotive manufacturing equipment such as stamping presses, injection molding presses, robots, paint shop equipment and general plant equipment.

We expect binding offers for the equipment no later than October 2017. Prior offers will be considered. The Maynards - Liquidity Services team is available to assist with information regarding this sale.

### EQUIPMENT HIGHLIGHTS

**60 Stamping, Blanking and Die Presses,  
YoM up to 2005**

**18 Injection Molding Presses,  
350 to 4000 To, YoM up to 2004**

**450 Robots, YoM up to 2011**

**Tire to Rim Assembly Line, YoM 2003**

**Workshop and Quality Equipment**

**20 Overhead Gantry Cranes, up to 50 To**

**... and much more**



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## IMPORTANT INFORMATION

- Equipment Sale by Private Negotiation
- End of production October 2017
- Offers due by 31. October 2017
- Prior offers will be considered
- Inspections by appointment
- Equipment removal available late 2017/early 2018
- Equipment Sale on Terms and Conditions of GM Holden Ltd

## LOCATION OF FACILITY

The Elizabeth facility is located at Phillips Hwy, Elizabeth, 5112 South Australia, approx. 30km/20 miles away from Adelaide Airport.

## TIMELINE & METHOD OF SALE

Production at the Adelaide passenger vehicle assembly facility is ongoing until October 2017.

The assets are available for viewing by prior appointment only and can mostly be seen in production.

We are initially offering all equipment by Private Negotiation only with all offers to be submitted no later than 31. October 2017. All offers will be considered immediately upon receipt. We encourage all parties to register their interest and make their enquiries as soon as possible. The equipment is available for dismantling and relocation late 2017/early 2018.

All equipment is sold “as is where is” and on the Terms and Conditions of GM Holden Ltd.

### Press Shop:

Müller-Weingarten, Bliss, W.I.A., U.S.I. & Wilkins Mitchel ..... Page 04 to 06

### Plastic Body Component:

Engel, Meiki, Branson ..... Page 07

### Paint Shop:

DURR, Graco, Swisslog, Fanuc, KSB, Schaefer, Koch, Haden Sscweitzer ..... Page 08

### Body Shop:

Fanuc, ABB, EDAG, Nordson, Perceptron, SCA ..... Page 09

### Final Assembly

EISENMANN, Fanuc, EDAG, Nordson, MOR-Tech ..... Page 10

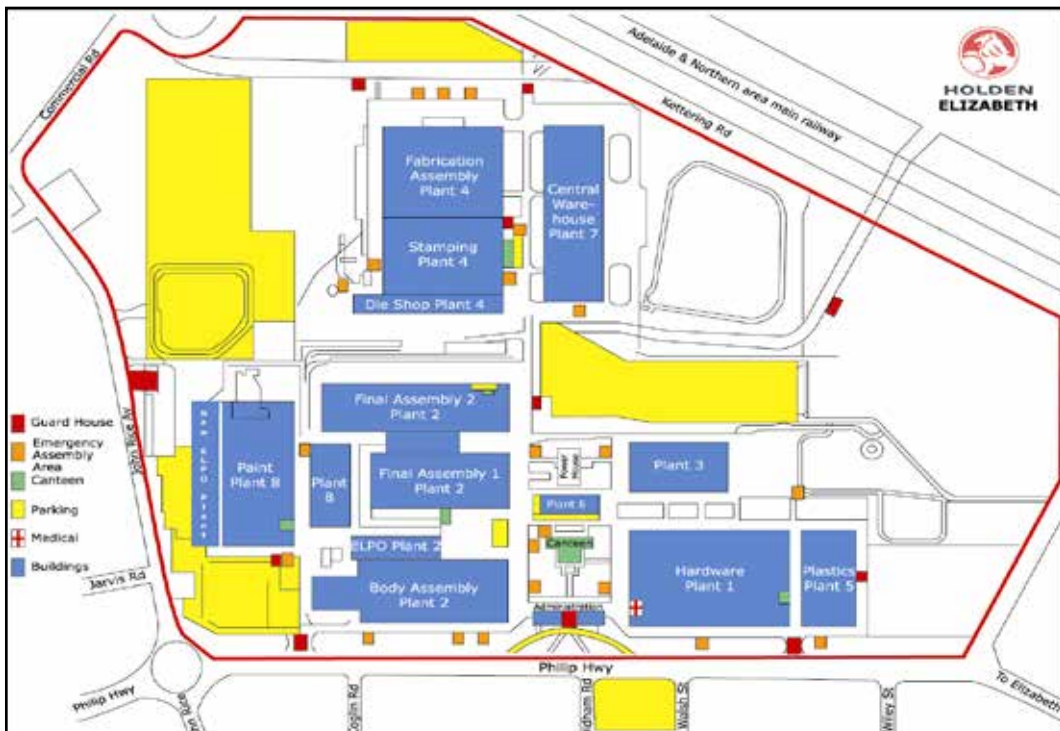
### Tyre to Rim Assembly

DURR, Eines, Vision, Fanuc ..... Page 11

### General Equipment

..... Page 11 to 12

## PLANT LAYOUT





## PRESS SHOP

LOT NO	OPERATION	DESCRIPTION	OEM	MODEL	TYPE	CAP TONS	YOM	TABLE
100	Blanking	XL Steel Coil Blanking Line	Mueller Weingarten	VK800	Single Action / Mechanical	800	2005	2600x4700
115	Blanking	Medium Blanking Press	Bliss Welded Products	400T 108"x84"	Single Action / Mechanical	400	1950's	2742x2134
116	Blanking	Small Blanking Press	Bliss Welded Products	400T 84"x60"	Single Action / Mechanical	400	1960's	2132x1524
117	Blanking	Medium Blanking Press	Bliss Welded Products	400T 108"x84"	Single Action / Mechanical	400	1960's	2742x2134
102	Transfer	5 Station Cross Bar Transfer Press	Muller Weingarten	S2900	Single Action / Mechanical	2,900	2005	4800x2500
110	Transfer	6 Station Transfer Press	Hitachi Zosen	T8-2700-1500x6-2500	Single Action / Mechanical	2700	1987	4500x2500
103	Tandem	Single Action Press	WIA	LS4-2400	Single Action / Mechanical	2,400	2005	4500x2400
		4x Single Action Press	WIA	LS4-1000	Single Action / Mechanical	1,000	2005	4500x2400
106	Tandem	Double Action Press	WIA	DE4 1000-600-370-220	Double Action / Mechanical	1,600	2004	3200x1676
		4x Single Action Press	WIA	ES4 600-370-220	Single Action / Mechanical	600	2004	3700x2200
105	Tandem	Double Action Press	WIA	DE4 1500-800	Double Action / Mechanical	2,300	2004	3700x2200
		4x Single Action Press	WIA	LS4 800	Single Action / Mechanical	800	2004	3700x2200
111	Tandem	Double Action Press	U.S.I Verson by Forwood	1000T/600T 132"x84"	Double Action / Mechanical	1,600	1965	3352x2134
		Single Action Press	Verson	600T 132"x84"	Single Action / Mechanical	600	1965	3352x2134
109	Tandem	Double Action Press	US Industries INC Vickers	D2 800-500-108-72	Double Action / Mechanical	1,300	1965	2743x1828
		4x Single Action Press	Wilkins Mitchel Perry	S4 400-108-60	Single Action / Mechanical	400	1965	2743x1524
114	Tandem	Double Action Press	US Industries INC Vickers	800T/500T 108"x72"	Double Action / Mechanical	1,300	1965	2743x1828
		Single Action Press	Wilkins Mitchel Perry	400T 108"x72"	Single Action / Mechanical	400	1965	2743x1524
108	Tandem	Double Action Press	US Industries INC Vickers	D2 800-500-108-72	Double Action / Mechanical	1,300	1965	2743x1828
		3x Single Action Press	Wilkins Mitchel Perry	3x S4 400-108-60	Single Action / Mechanical	400	1965	2742x1542
113	Tandem	Double Action Press	Wilkins Mitchel	400T/250T 84"x60"	Double Action / Mechanical	650	1960's	2134x1524
		4x Single Action Press	Wilkins Mitchel	400T 84"x36"	Single Action / Mechanical	400	1960's	2134x914
112	Tandem	4x Single Action Press	Wilkins Mitchel	400T 84"x36"	Single Action / Mechanical	400	1960's	2134x914
104	Tryout	Single Action Tryout Press	WIA	LS4-2400-450-240	Single Action / Mechanical	2,400	2005	4500x2400
119	Tryout	Single Action Spotting Press	Perry	HS-200-144-84	Single Action / Hydraulic	200	1960's	3658x2134
118	Tryout	Single Action Spotting Press	Wilkins - Perry	SH2-200-3650-2150-DS-M	Single Action / Hydraulic	200	1960's	3650x2150
124	Tryout	Single Action Spotting Press	Wilkins & Mitchel	S4-600-144-80	Single Action / Mechanical	600	1960's	3656x2032
120	Tryout	Single Action Spotting Press	Perry	HS-200-144-80	Single Action / Hydraulic	200	1960's	3656x2032
125	Tryout	Double Action Spotting Press	Clearing	900T 108"x84"	Double Action / Hydraulic	900	1960's	3620x2030
126	Tryout	Double Action Spotting Press	Clearing	D2-600-400-126-60	Double Action / Mechanical	1,000	1960's	3200x1524
121	Tryout	Single Action Spotting Press	Perry	HS-150-108-60	Single Action / Hydraulic	150	1960's	2743x1524
122	Tryout	Single Action Spotting Press	Perry	HS-150-108-60	Single Action / Hydraulic	150	1960's	2743x1524
123	Tryout	Single Action Spotting Press	Perry	HS-150-108-60	Single Action / Hydraulic	150	1960's	2743x1524
127	Tryout	Single Action Spotting Press	Verson	S4-400-108-60	Single Action / Mechanical	400	1960's	2743x1524
128	Tryout	Single Action Spotting Press	Verson	S4-400-108-60	Single Action / Mechanical	400	1960's	2743x1524

# PRESS SHOP



Lot 102: MUELLER WEINGARTEN S2900



Lot 103: WIA LS4-2400 / LS4-1000



Lot 104: WIA LS4-2400-450-240



Lot 100: MUELLER WEINGARTEN VK800



Lot 105: WIA DE4 1500-800 / LS4-800



Lot 109: USI VICKERS LS4-2400-450-240 / WILKINS MITCHEL PERRY S4 400-108-60



Lot 108: USI VICKERS LS4-2400-450-240 / WILKINS MITCHEL PERRY 3X S4 400-108-60



Lot 111: USI VERNON BY FORWOOD 1000T/600T 132"x84" / VERNON 600T



Lot 106: WIA DE4 1000-600-370-220 / ES4 600-370-220



Lot 112: WILKINS MITCHEL 400T 84"x36"



Lot 110: HITACHI ZOSEN T8-2700-1500x6-2500



**PRESS SHOP (CONTINUED)**



**Lot 114: USI VICKERS 800T/500T 108"x72" / WILKINS MITCHEL PERRY 400T 108"x72"**



**Lot 113: WILKINS MITCHEL 400T/250T 84"x60" / 400T 84"x36"**



**Lot 127: VERSON S4-400-108-60**



**Lot 125: CLEARING 900T 108"x84"**



**Lot 115: BLISS WELDED PRODUCTS 400T 108"x84"**



**Lot 116: BLISS WELDED PRODUCTS 400T 84"x60"**



**Lot 126: CLEARING D2-600-400-126-60**



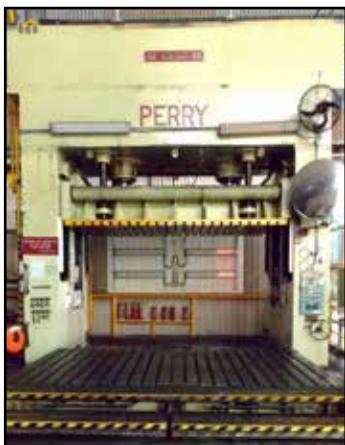
**Lot 118: WILKINS PERRY SH2-200-3650-2150-DS-M**



**Lot 119: PERRY HS-200-144-84**



**Lot 124: WILKINS MITCHEL S4-600-144-80**



**Lot 120: PERRY HS-200-144-80**



**Lot 121: PERRY HS-150-108-60**



**Lot 123: PERRY HS-150-108-60**



**Lot 122: PERRY HS-150-108-60**



## PLASTIC BODY COMPONENT

LOT NO	MAKE	CAPACITY	NOZZLE RAD	DIE HEIGHT (MIN/MAX)	SCREW STROKE	SCREW DIA	INJECTION SPEED	YOM
200	Engel	17,500kN/1,700T	19mm	800mm/1800mm				2004
201	Engel	40,000kN/4,000T	19mm	1000mm/2200mm	840mm	170mm	91mm/s	2003
202	Engel	40,000kN/4,000T	19mm	1000mm/2200mm	845mm	170mm	91mm/s	2001
203	Engel	40,000kN/4,000T	19mm	750mm/1650mm	695mm	160mm	100mm/s	1997
204	Meiki	18,000kN/1,800T	19mm	650mm/1300mm	340mm	130mm		1986
205	Meiki	18,000kN/1,800T	19mm	635mm/1275mm	323mm	130mm	200mm/s	1986
206	Meiki	5,500kN/550T	19mm	400mm/800mm				2004
207	Engel	8,500kN/850T	19mm	500mm/1100mm	424mm	80mm	89mm/s	1986
208	Meiki	5,500kN/550T	19mm	400mm min	350mm	70mm	79mm/s	1992
209	Meiki		19mm	500mm/1100mm	450mm	90mm	67mm/s	2004
210	MIR	10,500kN/1050T	19mm	450mm/1100mm		100mm		1991
211	Meiki	3,500kN/350T	19mm	350mm min	250mm			1992
212	Meiki	8,500kN/850T	19mm	500mm/1100mm	450mm			2004
213	Meiki	24,000kN/2,400T	19mm	950mm/1600mm	700mm	140mm	88mm/s	1992
214	Meiki	13,000kN/1,300T	19mm	600mm/1100mm	550mm	110mm	77mm/s	1995
215	Meiki	23,500kN/2,400T	19mm	700mm/1500mm	700mm	150mm	100mm/s	2004
216	Meiki	18,000kN/1,800T	19mm	650mm/1300mm	700mm	130mm	100mm/s	2004



Lot 201: ENGEL 40,000kN/4,000T



Lot 202: ENGEL 40,000kN/4,000T



Lot 203: ENGEL 40,000kN/4,000T



Lot 216: MEIKI 18,000kN/1,800T



Lot 213: MEIKI 24,000kN/2,400T



Lot 224: 50T Cap Silo



Lot 237: Hoppers & Dryers



Lot 241: BRANSON M-934L-AB



## PAINT SHOP

### BODY TREATMENT / ELECTROCOAT

Installed in 2004 by Durr UK

45 jph

Includes soft water plant

Integrated waste treatment plant



### BODY PAINT SHOP

Installed in 1994 by Haden Schweitzer US

40 jph

36 Fanuc robots for application of Sealer, Primer and Topcoat

- 4x Mi16L (2002/2005)
- 4x S500 (2002)
- 4x P700 iA (2011)
- 8x P200E iB (2005)
- 16x P200 (2002)



### BODY TRANSFER AND STORAGE

Automatic storage and retrieval system

- Swisslog / SSI Schaefer 2003
- NKC / Smarteye 1998



### PLASTICS PAINT SHOP

Installed in 2004 by Durr UK

4120 parts/h

11x Fanuc P200E spray robots





# BODY SHOP

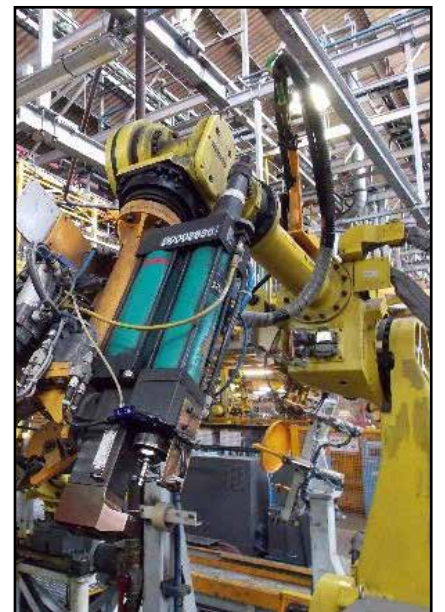
## INTRODUCTION

The GM Holden Body Shop covers an area of approx. 28,000 sqm or 300,000 sqft and is divided in three distinct areas.

- 1: Zeta carline framing assembly lines (11 major assembly lines)
- 2: Delta carline framing lines and (8 major assembly lines)
- 3: Common B side line

		ZETA		DELTA	
		QTY	YOM	QTY	YOM
Fanuc	R2000 iB 210F	4	2010	22	2009
Fanuc	R2000 iA 210F	164	2005	4	2003
Fanuc	R2000 iA-165	34	2005		
Fanuc	R2000 iA-125	7	2005		
Fanuc	S420	54	1995		
Fanuc	M-900 iA	5	1995		
		<b>268</b>		<b>26</b>	

ABB	IRB 7600-500/2.8			3	2003
ABB	IRB 6600-225/2.55			8	2003
ABB	IRB 6600-175/2.8			33	2003
				<b>44</b>	





## FINAL ASSEMBLY



Instrument Panel Transfer System



Door Transfer System



Sealer Application Robot Cell



Instrument Panel Loading Robot Cell



Urethane to Glass Robot Application Global Cell



Skillet Body Transfer System



Dynamic Vehicle Test/Wheel Aligner/Headlight Aimer



Auto Guided Cart, Seat and Engine Delivery



Chassis and Pre-Marriage Chain Carriers and Skillets



## TYRE TO RIM ASSEMBLY

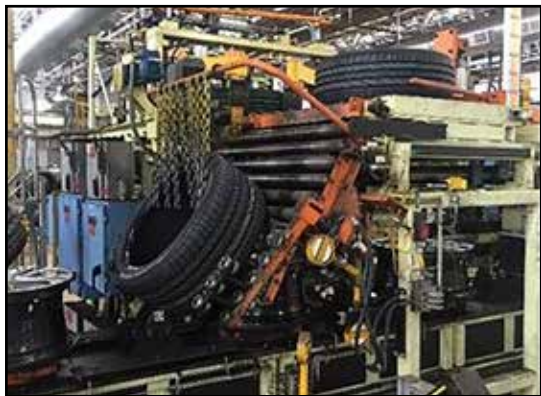
### TYRE TO RIM ASSEMBLY

Installed in 2003 by Durr

- System upgrade in 2011 by Eines Vision
- 15 sec/wheel, 240 jph
- Capable of 15 to 20 inch Rim

The line consists of:

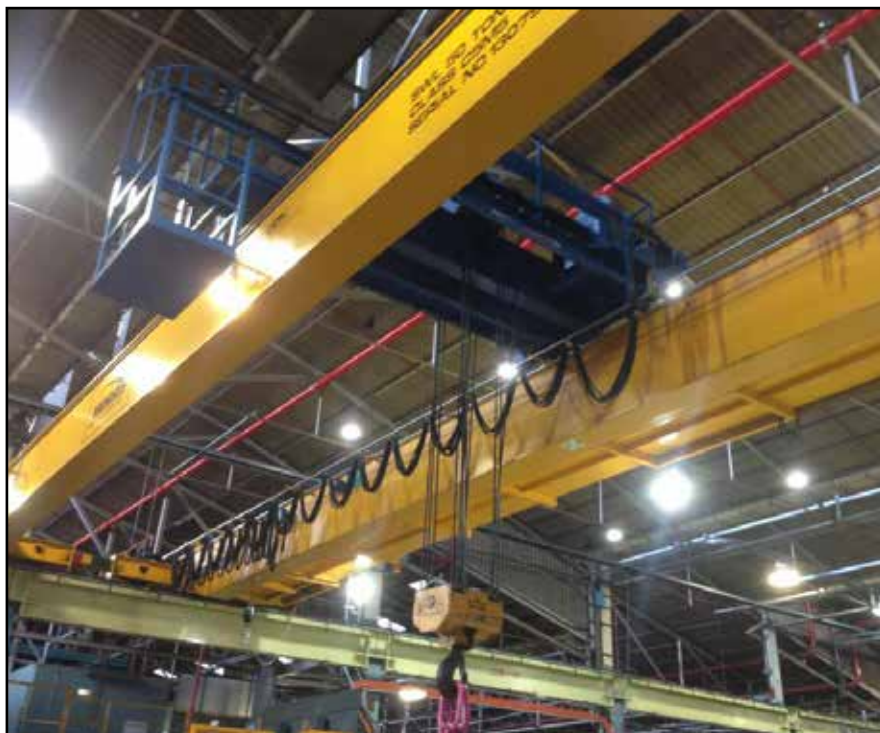
1. Fanuc Robot Valve Insertion
2. Automatic 2 Stage Mount and Inflation
3. Automatic Phase Matching
4. Semi-Automatic Balancing Station
5. Audit Balancing Station
6. Vision System Error Proofing
7. 2x Fanuc Robot Tyre Stacking



## GENERAL PLANT EQUIPMENT



Lot 222: EILBECK Class C5M6; 25 Ton Cap



Lot 221: MORRIS JDN; SWL 50 Ton Cap



## GENERAL PLANT EQUIPMENT (CONTINUED)



Lot 130: TOSHIBA 5-Axis Milling Machine / MPH-3150S



Lot 129: TOSHIBA 5-Axis Milling Machine / MPH-3650S



Lot 249: DEA CMM



Lot 217: Automated Rivet Cell



Lot 235: NIKKON CMM / 40-1-1033/4

### GENERAL TERMS & CONDITIONS:

Inspection by prior appointment only, please contact [holden@maynards.com](mailto:holden@maynards.com) or [holden@liquidityservices.com](mailto:holden@liquidityservices.com).  
All items will be sold "as is where is" without any warranties, neither expressed nor implied.  
The General Terms and Conditions of GM Holden Ltd for the sale of used equipment apply (available on request).  
Equipment presented in this brochure is subject to prior sales. Terms & Conditions Apply.

SALE CONDUCTED BY:

# Maynards

SINCE 1902

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