Government of **Western Australia**
Fire & Emergency Services Authority

FESA
Fire & Emergency Services Authority of Western Australia

MOTOR APPLIANCES
CHRONOLOGICAL ORDER

*AR = Annual Report
*BM = Board Minutes
*EC = Executive Committee Minutes
*P&B = Plant & Building Committee Minutes

updated 18/11/10

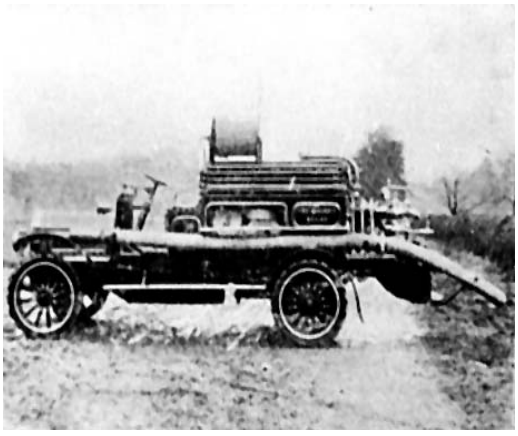
TYPE OF APPLIANCE	REFERENCE

Dennis Gwyne X 1 Light Pumper — BM 06/05/1910

This 1908 model appliance, which arrived from England aboard the SS Sultan the on May 6th 1910, came equipped with minor gear, was a Dennis Gwyne and cost $ 1500 (£ 750).The appliance was christened by Lady Edeline, the wife of the then Governor Strickland, which bore her name on each end of the driver's seat. The State emblem of the black swan surmounted this title. The motor, manufactured by the Whyte and Poppe Company, drove a large chain from a gearbox to the rear axle. The tyres were solid rubber with angled raised sections.

The pump was a single stage centrifugal type manufactured by the Gwyne Car Company and had a rated capacity of 1000 1/m (250 gpm) from two delivery outlets, and could obtain water from pressure fed mains as well as open water. It was also fitted with a first aid hose reel for attacking minor fires. The body was of the "Braidwood" design (crew facing outwards from each side) with a crew of 1 officer & eleven men, four firemen sitting laterally along each side of the hose compartment facing outwards, and two men and the officer sitting in the front compartment. A design that lasted until 1935 in this Brigade.

The original fire appliance motor 1 "Lady Edeline" was to be decommissioned as from 16th April 1928.

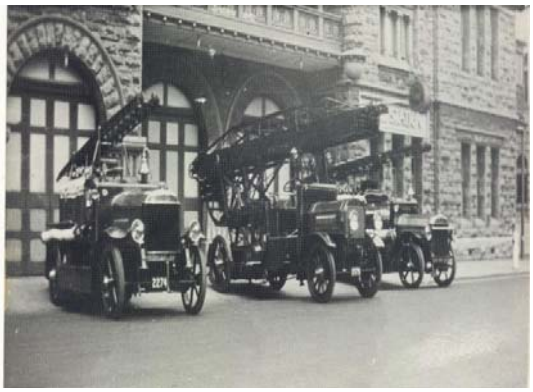


Shand Mason Steamer X1 — AR 1911

Heavy pumper, horse drawn was placed at Headquarters.
Decommissioned in 1923 and sold for the amount of $300

Darracq Hose Carriers X 2 (AR 1911)
These motorcars were adapted to carry hose and portable extinguishers.

Ajax TT Ladder X1 (AR 1911)
Horse drawn, 100 foot extension. Initially horse drawn, in 1923 after last horse was retired from headquarters, a Darracq motor tender towed the appliance. In 1930 the appliance was welded to the front half of a 1914 model Commer Simonis fire appliance, and thus was motorised. This appliance remained in service until the La France TTL was placed in service in 1943.



Appliances Commer Simonis P & B 1913
The Plant & Building Committee recommended that the following motor appliances be purchased from Henry Simonis , London;

- Two motor combinations at a cost of £740 each
- Three large motor hose tenders costing of £507/10 each
- Three small motor hose tenders at a cost of £545 each.

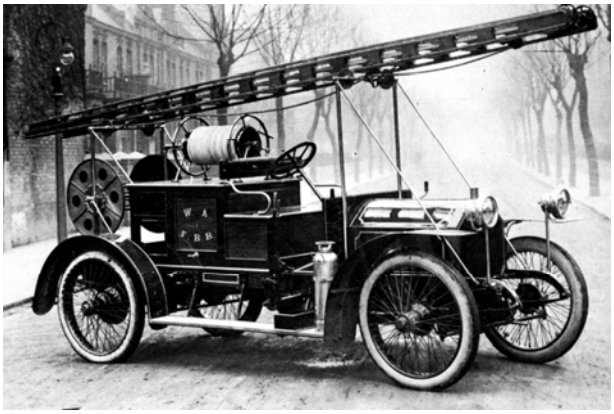
One of each appliance to be delivered no later than December 1913. The remainder to be delivered by May 1914.

Lilliput Motorcycle X 1 + 4 AR1913
This appliance was a motorcycle and box sidecar, which carried hose, standpipe, branch, short extension ladder, and two portable fire extinguishers. It was crewed by a driver and an officer on the rear pillion seat. *These machines were described as tri-cars* It was placed in commission at Claremont. It was built by Henry Simonis of London.
Ph2004149

Talbot X1 AR1914
This motor car costing £285 was purchased transport and station inspections.

Commer Simonis Heavy Pump X 2 AR1914
The first arriving unit was placed at North Fremantle on 28th April 1914. The next appliance was due to be placed at Headquarters in June . One of these units was taken out of service in 1928 and over the next two years was adapted to carry the Ajax turntable ladder. This hybrid appliance remained in service until 1943. The appliance was driven by a large link chain from the motor to the rear drive assembly.

Napier Hose / Tenders X 5 **(**AR1914)
Imported ex U.K. These five appliances were hose tenders not fitted with a pump. They were placed in commission at: Claremont (motor 10) - Leederville – Maylands – Victoria Park – Subiaco - Kalgoorlie (motor 11)
(motors 10 & 11 were decommissioned in Jan 1930)



Napier Pumpers X 2 1914
Heavy pumpers imported ex U K fully equipped. They were fitted with Dennis pumps. Placed in service at Perth mtr 23 & Fremantle mtr 38).

Darracq Chassis X 2 1914
They were powered by a 50 horse power six cylinder motors & were converted by the Brigade workshops into motor hose tenders. Placed in service at Perth and Claremont.

Dennis X 3 1915
One motor pumper and two tenders (1 to Kal)

Ford T X 5 1915
These were motor tenders / hose carriers.

Wolsley Chassis X 1 1916
A body was built locally and the appliance was fitted with a 1st aid hose reel supplied from a small pump.

Studebaker Chassis X 1 1916
Converted from a car to a motor tender / hose carrier

Ford I ton X 6 Chasses 1917
These one ton chasses were fitted with bodies made locally and were fitted with front mounted Dennis light pumps. The motors were placed in service at; Albany - Bunbury - Midland Junction (motor 15).
The following year the remainder were placed in service at: Northam (mtr18) Leederville and Collie – Northam. *Photo of Leederville pump available.* 1918
The Collie appliance was later fitted with a battery for starting purposes at a cost of £2/10/0 in Nov 1922.

Steam Fire Engine
The steam pump from Fremantle was sold for the sum of £50.00.
BM 21/10/1921

Ford T 1 ton X 1 (1922)
The first of many Ford appliances. they were placed at country fire stations which had a full time fireman on duty. Upon arrival they were fitted with a Dennis "Tamini" centrifugal pump which could deliver between 650 / 850 litres of water per minute.
More were imported in 1925.

"FORD-TANAMI" PUMPING PLANT adopted for Country Districts, 150/200 gal. p.m. capacity.
Constructed in Brigade Workshop.

Dennis Light Pumper Chassis x 6 1923

Dennis chassis were imported with a Tamini pump already mounted on the rear of the Chassis. They had a rear mounted Tamini pump capable *of* delivering 1500 1/m (350 gpm). The bodies were constructed by Winterbottom Motors.(Mtr 21). These appliances saw service at :

Albany – Bunbury – Claremont (mtr 40)– Leederville (mtr 3) – Maylands (43) – South Perth.

Nb! When Leederville (Kimberley St.) closed that appliance went to the new North Perth station 1926.

Perth Steamer

The large steam fire engine at Perth fire Brigade was put up for tender. AR 16/02/1923

Motor Cycles x 4 AR 1923

Four motorcycles were purchased locally In 1923. These were B S A models. They did not have a side box & only carried portable extinguishers. Only one man rode these appliances which were intended as a first attendance appliance.

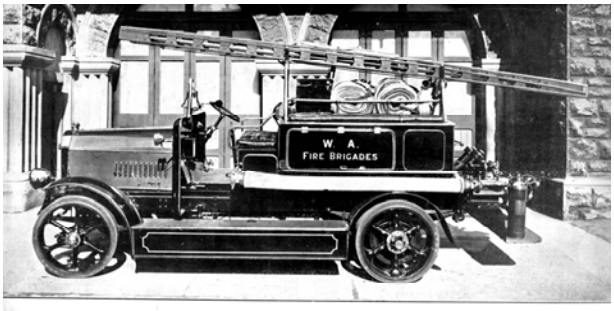
Dennis Heavy Pump x 2 (BM 20/03/1925)

The Brigade commissioned a fully imported Dennis heavy pumper, fitted with Dennis two stage centrifugal pump of 4500 l/m (1000gpm) capacity.

Powered by a six cylinder 70 horsepower motor.

The appliance was placed into service at Boulder (mtr 25). The unit was the heaviest pumper so far purchased by the Brigade at a cost of £1590. An identical appliance was commissioned in January 1926 and placed at Headquarters and designated motor 23.

The Darracq appliance was then decommissioned.



1925 DENNIS FIRE ENGINE, 60/70 H.P., 600/700 gal. p.m. capacity.

Ford 1 Ton x 3 (Ford T) (1925)

These imported chasses costing £320 each were imported. After arrival they were fitted with a two stage Dennis "Tanami" centrifugal turbine pump constructed entirely of gunmetal and could deliver 2200 l/m (500 gpm). This water pump was the first to be fitted with the twin cylinder reciprocating primer for lifting water.

The bodies (hampers) were fitted out in the Brigade workshops at a cost of £18 each and when completed were placed in commission at (Katanning –Wagin - Narrogin). (BM 16/10/1925, pg 205)

Dennis BM 1928

1 large Dennis pumper arrived to be commissioned for Fremantle. Five Dennis "Tanami" pump units also arrived to be fitted to medium pumpers.

Dennis Light pumper X 3 BM 18/05/1928

The light Dennis motor pump ordered from Dennis Brothers was delivered on 25th April 1928 and installed at Mc Court St fire station (motor 17). Two more to be ordered for North Perth and Victoria Park stations. The cost of each was £750. Due in November 1928. They landed on 6th November.

Dennis Heavy Pumper X 1 BM 17/10/1930

Commissioned for Kalgoorlie

Dennis Ace Chassis X 4 1936

The first arrived on 2nd July at a cost of £844/16/1 and was complete. Fitted with a Dennis Tamini centrifugal pump. Three more were yet to arrive. Tenders to be called for bodies to be built. M Malone quoted £94 each. (mtrs 4 Nth Fremantle 9 Vic Park 24 Leederville - 45 Perth)

Motor 4 a Commer Simonis was destroyed at a ship fire in Fremantle 1944.

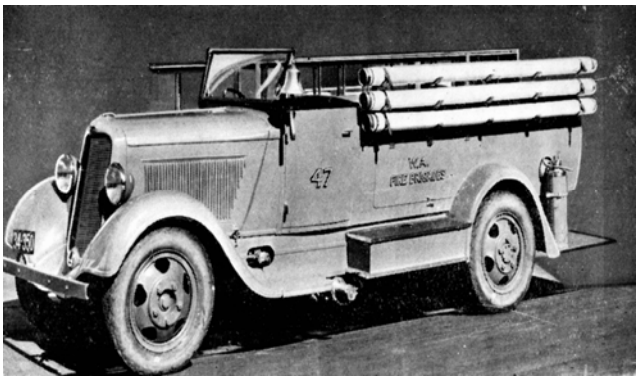
These appliances had a single stage centrifugal pump with a capacity of 1800 l/m (400 gpm). They were of the open type with an officer and driver in the front and the crew of six in the rear seated on lateral squabs. Crew entry was through the rear and the officer and driver in the front compartment via either side of the appliance.

Suction hoses were carried on the near side and the short ladder on the off side. These were unique in as much as they the first type appliances in the Brigade to have the crew seating internally of the body.

Dodge Chassis x 2 Light Pumpers 1936

Bodies built locally. The chasses came with a Darley Transverse light pump already fitted into the chassis. The layout and seating was similar to the Dennis type pumper (1936). However there was only one door, near side, which entailed the driver sliding across to the driving position, because the overall length of the body was

shorter and the side mounted ladder reached past the driver position. Mtrs 47-Coolgardie & 48 (Midland until 1964)



Pneumatic Tyres Conversion EC 16/02/1937

The replacement of the solid tyres of motor 42 Kalgoorlie with 6 inch pneumatics has been completed by the Barnett Rubber Company. Reports from local officers shows a marked improvement in the general performance of this vehicle.

Morris Magirus T T L X 1 (1936)

TTL 2 was commissioned in February 1936 at Headquarters and was all steel construction. It could be extended to 100 feet. The wheels were originally shod with pneumatic tyres and were changed to the solid type for safety when the ladder was extended. TTL1 was transferred to Fremantle in 1944.
In 1968 it was sold to Mr L Whiteman, a well known philanthropist, who donated it to the Fire Brigade Historical Society in 1978.

Dennis "Ace"chassis X 1 (EC 31/3/1938 PG 62)

Imported ex England -complete with Tamini pump, but without tyres and battery at a cost of £850. . Cost of body £130.Tyres £60, & collector £15. Body built by Malones. Commissioned in November 1939 at Perth fire station as Mtr 1. Later transferred to Fremantle.
ALSO AT THIS MEETING;

Dodge RE 32 chassis X 3

Chassis fitted with a Dennis Tamini 350 gpm pump were purchased from Winterbottom Motors for the sum of £312 each. Bodies were fitted by Boltons at a cost of £150 each. (Collie Mtr 10 & Merredin), and commissioned in September.
The other chassis was converted into the salvage tender for Perth Fire Station (mtr 26) and the sum of £588 was earmarked for the body & equipment.

Dodge RE 21 chassis X 1 light truck, quote of £363/3/1 was also accepted. This Vehicle was for use as a service truck at Perth.

Tyres Conversion EC 30/05/1939 pg 150

The conversion of the 6 Dennis light pumps obtained in 1923 from solid tyres to pneumatic. Two were to be carried out immediately and the rest when funds were available.

Dodge WC X 1 BM 1941

The Geraldton Municipal Council was advised that the military had approved the release of a Dodge chassis due to arrive at the end of July1941.
The appliance came with a Waterous transverse pump fitted. The body was built locally.
Commissioning date was January 1942, the appliance was allocated fleet No9, from ex Victoria park appliance recently commissioned.
In August 1963 a water tank, hose reel was fitted and a Dennis light pump mounted on the front. This pump was required to provide water to the hose reel as the existing pump did not have that capability.
This appliance was decommissioned July 1966.

Dodge Chasses X 2 BM 16/01/1942 pg 5

Winterbottom Motor Company advised that two Dodge chasses recently ordered are now available. The price being £443/17/9 each. The chassis came from Canada and not U.S.A. These two chassis, after fitting of the body were later commissioned as hose Carriers, Motor 13 and Motor 19. For a time the appliances were at Perth station.
Mtr 19 when converted to a pumper, was commissioned for Claremont on 1/12/42.

Lend Lease Equipment

Much of the equipment received by the W A Fire Brigade was not ordered by the Brigade, but ordered by :

- Commonwealth Government for protection to military establishments and their
  Properties under the administration of the Civil Defence Organisation
- The State Government for their institutions and other properties.

The Brigade was mainly utilised to inspect and test the incoming equipment that was being dispersed over the State and to train non Brigade personnel in the use of equipment and firefighting procedures.
Additional equipment was expected to arrive for service in the Metropolitan Area.

Ordered by the Commonwealth Government. B.M. 09/03/1942 pg 60

4 X self propelled fire engines	750 gpm	3000 l /m	
6 X " " "	500 "	2200 "	**note a**
6 X " " "	350 "	1500 "	
12 X trailer pups			
12 " "			

1 X 100 ft turntable ladder La France to be handed over to the W A F B B
note (a) When two became *****motor 19 Claremont motor 14 Victoria Park.

(*) When new pumps arrived, some hose carriers lost their fleet number and became service trucks.

Ordered by State Government
Various types of small gear eg; standpipes foam branches for the fire engines,
Portable canvas dams X 6 1000 gals capacity
Trailer pumps X 10 for placement at country stations.
Albany – Bunbury – Busselton – Geraldton – Northam – Collie.

Deployment Appliances in Metropolitan Area as at 9th March 1942.

Station	Motor	Appliance
Headquarters	2	T. T. Ladder Ajax
"	13	(hose carrier International truck)
"	14	(hose carrier ' ' ')
"	23	(Commer Simonis 1000 gpm)
"	27	(300 gpm Dennis)
"	26	Dodge salvage tender
Fremantle	ttl1	T T Ladder Morris Magirus
"	1	(400 gpm Dennis Ace)
"	36	(1000 gpm)
"	38	(300 gpm)
"	45	(400 gpm)
North Fremantle	4	(400 gpm) *destroyed at 1944 ship fire*
Claremont	40	(400 gpm Dennis) replaced by Dodge Mtr 19 11/12/42
"	20	(hose carrier)
Leederville (McCourt St)	24	(400 gpm)
" "	5	(hose carrier)
North Perth	3	(300 gpm 1923 Dennis)
Maylands	43	(300 gpm 1923 Dennis)
Bassendean	47	(200gpm front pump) Dodge
Guildford	37	(hose carrier International truck)
Midland Junction	48	(200 gpm front pump) Dodge
Victoria Park	14	(400 gpm)
" "	22	(hose carrier)
South Perth	33	(200 gpm)
" "	11	(hose carrier)
Canning	6	(hose carrier).

Dodge Chasses X 2 (BM 20/04/1942 **)**

The C O reported that two chasses have now been received by Winterbottom Motor Company and that Bryan's Motor Body Works be asked if they are prepared to build the body at the same price as the previous successful tender for the Boulder fire engine

On completion they were placed in service on 07/09/1942 at Busselton (mtr 51) and Narrogin (mtr 6)

Trailer pumps X 19 BM 18/05/1942 pg 92

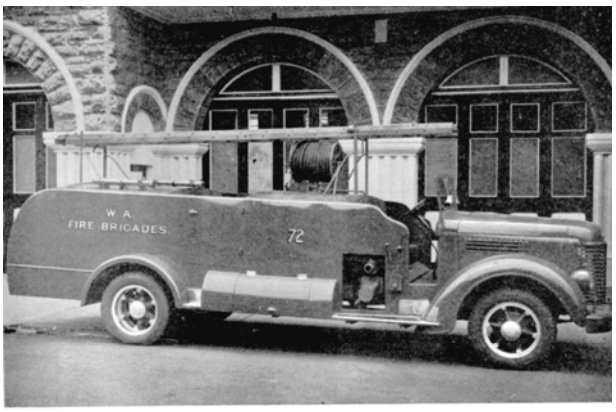
19 X trailer Pumps were received on behalf of the Premiers Department.

The consignment was in such poor condition a special report was to be made.

The Chief Officer reported that 19 trailer pumps had been received through the Civil Defence Council. These proved to be disappointing, being of small pumping capacity with evidence of bad workmanship and the use of inferior construction materials.

Each pump was tested at the Fremantle Harbour but the result was unsatisfactory, and not one was classed as fit for service on the fire ground. (These pumps were "Jupiter" Trailer Pumps ex U.S.A.) 18 were rectified and finally placed into service.

International Truck / Pumps X 3 (BM 15/06/1942)
These truck chassis were fitted with Darley 500 gpm pumps & were ex U.S.A in good condition except for minor shipping damage. Two were fitted locally with fire engine type bodies, motor 19 Claremont and motor 14 Victoria Park. The remaining machine was fitted with a flat table top & placed in service as a service truck/ pump. (BM 19/10/1942 pg 171)



INTERNATIONAL CHASSIS CONVERTED INTO
DUAL-PURPOSE VEHICLE FOR COUNTRY DUTY
Pump Capacity 400-500 G.P.M. Tank Capacity 160 Gallons.
Capable of Directing a Stream through 1 Inch Hose for 15 Minutes.
Installed at Harvey & Bridgetown and Allotted for Manjimup, Margaret River and Boyup Brook

Trailer Pumps X 4 BM 13/07/1942 pg 118
Chrysler 400/500 gpm trailer pumps were received ex U.S.A and gave most efficient tests.

Trailer Pumps addendum (BM 22/09/1942 pg 151)
The C O reported that 18 of the previous 19 trailer pumps were now serviceable and there are now 23 fully operational trailer pumps in service at permanent fire stations and auxiliary fire posts and hospitals.

The equipment that was placed with each heavy trailer pump was ;

1000 ft of hose
10 pairs of couplings
3 branches
1 ball hydrant standpipe
1 screw down standpipe
2 screw down keys
2 pillar hydrant keys
1 3 ½ x 2 ½ inch reducer
1 collector
1 2 x 1 breeching
1 1 x 2 valve breeching
3 nozzles ⅞, ⅞, 1"
1 pick
1 shovel
1 bar
1 axe

The large trailer pump and ancillary equipment cost approx $2000.

Civil Defence:- BM 23/11/1942 pg 186
Dodge 5 X 350 gpm fire engine. One without body, suction hose, or collector was received at Headquarters where a temporary second hand body was fitted.

Four units without tyres were assembled at General Motors Works and will be delivered when tyres come forward.
Trailer pump 500 gpm X 1was received, also without suction hose or collector, on behalf of the Department of Home Security. This is one of 9 units sent forward and several were to go on duty at State and Commonwealth establishments.
2 X trailer pumps (1x500gpm &1x200gpm) were railed to Geraldton on November 5th.

Dennis "light 4" Chassis X 1 BM 21/12/1942 pg 193

The machine arrived in June1942 and the Board Minutes record that only one tender was received to build the body, it did not meet the specifications. A quote was accepted from Bryant's Motor Body Works for the sum of £185.

Dodge Chasses x 3 BM 21/12/1942 pg 193

The Winterbottom Company advised that 3 Dodge "WD21"chassis are available. The bodies were fitted locally and had a front mounted Dennis pump with a capacity of 200 gpm. These appliances when commissioned in1943 were; (6) Narrogin (7) - Wagin (11) Katanning .

Dodge Chasses X 2 AR 1943

Two further appliances were commissioned with pump capacities of 500 gpm. (mtr 19) Claremont and (mtr 14) Victoria Park.

Other Appliances AR 1943

The WAFBB annual report for year ending 1943 lists the following appliances as having been received. They were not specified as to what type of they were or where they were destined except for the La France T T L.

Turntable Ladder x 1 La France BM 18/01/1943 pg 208

The Chief Officer reported that vehicles had arrived from the U S A . A 100 feet Civil Defence Turntable Ladder had been received and serviced, and recommended;

- that the new unit be placed on duty at Headquarters
- that ladder No.2 (1936 Morris Magirus) be transferred from Headquarters to Fremantle
- that ladder No.1 (1910 Ajax) be withdrawn from service at Fremantle station and held in reserve at the Newspaper Store Fremantle.

(these premises had been rented from the West Australian Newspaper as a backup fire station for emergency use and to house staff from Fremantle fire station when it was occupied by the U.S. Army artillery unit for a period from May to August 1942.)
The ladder unit was sold to Shacks Garage on August 17th as scrap parts for £32/10/0.

The unspecified appliances were not commissioned for the W A F B B;
600 gpm pumpers X 6

350 “ “ X 6
200 gpm trailer pump X 1
500 gpm “ “ X 27 10 for the military services

Trailer Pumps (U.S N.) BM 19/07/1943 pg 309

Five Lend Lease 500gpm trailer pumps were serviced and delivered to the U S Navy at Fremantle. This now brings the total provided to the Navy at 8. Three replacements were received from Sydney, and a further four have been placed on rail from Sydney.

International K Series Pump & Chasses X 4 BM 15/02/1944

These Lend Lease truck chasses arrived with only an open front drivers section. Fitted with transverse Darley pumps with a pumping capacity of 3300 l/m (750 gpm) . Commissioned into the WAFBB and initially used as a general purpose truck / fire pump appliance.
A large supply of spare parts were also received and stored at South Perth fire station in a tin shed, formerly used the original fire station in South Perth at another site.

INTERNATIONAL CHASSIS CONVERTED INTO DUAL-PURPOSE VEHICLE FOR COUNTRY DUTY
Pump Capacity 400-500 G.P.M. Tank Capacity 160 Gallons.
Capable of Directing a Stream through 1 inch Hose for 15 Minutes.
Installed at Harvey & Bridgetown and Allotted for Manjimup, Margaret River and Roup Brook

Missing Spare Parts BM 14/04/1948 pg 169

In 1947 the Chief Officer reported to the Board “that certain spare parts that had been stored at South Perth are missing. The Secretary said “the President had authorized the matter being reported to the Police C I B, which has been done.” No result. Some of the large boxes with spare parts remained there until the early 1960s.

Dennis Chasses X 2 AR 1948

Two chasses were imported and bodies fitted. Their capacity was a 500 gpm (mtr 16) Perth and a 800 gpm. They were commissioned in 1949.

Dennis Chassis x1 Heavy Pumper (Motor 36) AR 1950

A straight eight Rolls Royce motor powered this chassis. The pump was a Dennis two stage centrifugal with a rated capacity of 4500 l/m (1000 gpm). The body was fitted locally and the appliance was commissioned in 1951 for use at Perth fire station. This was the first of the powerful and highly efficient heavy pumpers. The weight of the appliance fully loaded exceeded 3 tons. It later set a speed record attending a fire at Clackline.

International Trucks Conversion AR 1951

The Board decided to commission appliances in some of the larger country towns with inadequate reticulated water supplies. Three International trucks were converted from general service into fire pumps with bodies being built locally. The Darley pumps were already insitu. They carried emergency water of 760 litres. These appliances were

placed in; Bridgetown mtr 68.
Harvey mtr 70
Margaret River mtr 72.
Another unit was fitted with a special body and commissioned to carry the large foam cannon at Fremantle. Motor 62

Dennis F1 Pumper X 4 AR 1952

These were imported appliances fully fitted out with Dennis pumps with a rated capacity of 2000 l/m (500 gpm). They were powered with four cylinder motor and carried a crew of 1 officer and four men.
One of these appliances (Motor 23) came equipped with a 50 feet wheeled escape mounted on rear trunnions and served permanently at Perth fire station. The others had fleet numbers 53 – 54 – 55.

Dodge Truck Chassis x 1 AR 1954

A two ton bush fire fighting tanker was commissioned for use throughout the Metropolitan area. It was equipped with two hose reels and a front mounted Thompson Pump connected to a 1500 litre tank. It was a single axle type. It carried a crew of three. (mtr 39)

Dennis F2 Series Heavy Pumper x 1 AR 1956

This appliance was imported ex England. It was powered by an eight cylinder “Straight 8 “ Rolls Royce motor. The pump was a two stage centrifugal Dennis with a capacity of 1000 gpm. It was principally designated as a foam attack appliance (Motor 28) and carried foam generators and branches.

Austin Light Pumpers x 2 CFA pattern AR 1956

These appliances were as a result of the Board deciding to provide a more modern fire appliance to country volunteer Brigades. Two Austin units built by the Country Fire Services of Victoria were purchased for evaluation. Each had an inbuilt water tank connected to a Thompson single stage pump connected to a hose reel. Classified as urban light pumpers. These units weighed approximately 3 tons fully laden. The crew, up to 12 men, were seated in the open rear lateral section with room for three more in the enclosed cabin. The first unit was placed at Kwinana, (mtr 77) .

Bedford Light Pumpers x 80 AR 1957 - 1966

Over the next decade 80 more CFA pattern appliances similar in design were placed into commission. Slight external modifications to the locker arrangements and placement of the 1st floor ladder to an over cab position were made during this extended period.

1st prototype 1960

Dennis F2 Series Heavy Pumpers X 1 AR 1957

Both of these appliances were fully imported ex U K They were fitted with the two stage Dennis centrifugal pump with double acting reciprocating primers and a capacity of 4500 l/m. It had fully enclosed cabin which seated an officer and driver.(mtr 38) Perth. It could carry a crew of eight in the open rear transverse section.

Dennis F2 series X 1 Heavy Pumper AR 1958

This heavy pumper was placed at Fremantle (mtr 27). The Dennis two stage centrifugal pump had a rated output of 4500 l/m and was used to relay water to the foam monitor. The only physical difference being that this appliance did not have an enclosed cabin, although a cabin roof was fitted some years later.
Nb the motor from mtr 37 was replaced into motor 28 some 27 years later.

Holden Sedan X 1 Turnout Vehicle AR 1959

Holden "turnout" car for the use of the Senior Officer to attend fires.
Two way radios were added to 22 appliances. Base station at Headquarters and a relay station at Kings Park

Dennis F28 X 3 Medium Pumper AR 1960

Flat faced type with the motor mounted internally. Pump rating 2000 / 2500 l/m. Front cab, open transverse seating at rear, placed at Belmont (motor 63), Osborne Park (motor 25), Cannington. (motor 95.)

Bedford 4 X 4 heavy water tanker. X 1 AR 1961
Fitted with two hose reels powered by a pump, and an a separate
extra high pressure John Bean pump and hose. It normally carried a crew of three firefighters and an officer. Two men sat in small seats externally at the rear of the cabin. (mtr 99). The appliance was housed in the +bay of the former St John's Ambulance building .

Land drover 4X4 X 1 AR 1965
Used for driver training in off road bush fire fighting conditions. (mtr 120)

International AB160 Series X 5 AR 1966
Dual purpose 4 X 4 Duel crew cab
3 to Metropolitan area - 1 to Albany - 1 Geraldton.

International 4 x 4 drive X 2 medium water tankers / pumpers AR 1967
For placement in selected country towns.

Ford Marksman X 12 medium pumpers AR 1967
6 for metro, 6 for country

Land rovers 4 X 4 drive X 12 light tankers
Fitted with two hose reels. Replaced Holden utilities at fire stations AR 1967

Ford 250 Series X 4 medium pumpers AR 1968

2 for Perth.
2 for country.

ERF hydraulic platform X 1 AR 1968
Simon snorkel -working height varied depending on the evolution configuration. Cost $ 67000. Fleet No. HY.P 1

Merryweather Turntable Ladders X 2 A E C series (AR 1969)
Working height 33 metres. Fleet Nos. 4 Perth & 5 Fremantle.

Isuzu medium pumpers X 11 (AR 1969)
These pumpers were imported complete, other than hose, ex Japan. Fitted with Morita semi self-priming pumps and overdrive synchro-mesh gear box. Two were placed into country permanent stations. They were considered to be a stopgap appliance.

International C1310 (4x4) X 17 1969
Medium tankers. Phased into service over next five years for country towns.
12/ 4x4 & 5/ 4x2.

Dennis heavy pumper X 1 1970
Output was 4500 1/m. Placed at Fremantle to relay water to the foam monitor trailer. (mtr 73)

Bedford 4 X 4 large water / foam carrier tanker. X1 1970

International C1600 X1 1970
Heavy tanker 4x4 for Albany

Ford Marksman X 5 1971
Medium pumpers

Bedford" Green Goddess" X 2 1971
Special duty rescue appliances ex UK Auxiliary Fire Service.
Perth & Fremantle.

Toyota RU18 Coaster Bus X 2 1971
Mobile control unit (MCU) for use at emergency incidents.
Breathing apparatus control unit (BACU) 1972

ERF Extra Heavy X 1 1974
Extra heavy pumper equipped with 3 varying output pumps, large capacity foam monitor and two deck monitors.

Range Rover X 1 1974
Classified as a medium pumper with a 6 x 4 configuration, it also could be dual facilities with dry chemical – AFFF- and hi ex foam. It carried 545 litres of water. It had a front mounted pump rated at 500 l/m.

International D 1410 X 4 1974
Medium tankers 4x4.

International ACCO 1910A X 1 1975
Water / Foam carrier. Carried 4600 litres of water 3600 litres of fluoro foam compound. It was fitted with four pumps.

International ACCO D 1610 X 7 (4x4) 1976
Medium pumpers placed into country towns

Range Rover X 2 1976

Specialist emergency rescue tenders replacing green goddesses

Ford F350 X 3 1976

Specialized rescue appliance 1973?

ERF 84P4 X 6 1977

multi purpose pumpers & dry chemical foam appliance. It carried water 900 l, 225 l AFFF, 90kg of dry chemical powder. It was fitted with a Waterous pump of 4500 l/m capacity.

International ACCO medium pumpers X 2 1977

Single cab

International D1410 4x4 medium water tankers X 2 1977

International ACCO medium pumpers X 18 1977

Full crew cab. This model was continually issued until 1981.

International 4 X 4 medium pumpers X 2 1978

International ACCO 1810B 1979

Breathing Apparatus Control Unit.

RFW Hydraulic platform X 1 1979

The articulated booms were mounted onto an RFW chassis and built in Victoria. The fully elevated platform could reach 33 metre height.

Toyota Light Tankers FJ75 (4x4) X 79 1980
Phased in over next eight years. Replaced Holden utes in Metro area.

International ACCO 1810B series X 34 1981
Medium pumpers-Single crew cab (11) Carried minor rescue equip
Crew cab (13) This model was for country towns.

International ACCO 2150B X1 1979
Water Tower Pumper designed for projecting a controlled jet from a boom at a height of 18 metres whilst being controlled from ground level.

Ford Trader X 1 & Mazda X1 1987
Chasses only, for evaluation for suitability as light pumpers.
Ninety Mazda appliances were later constructed and placed at country fire stations. The design was adopted from the CFA of Victoria.

Isuzu JCS 420 4 X 4 heavy tankers X 3 1987
Pump capacity 2700 l/m. Tank capacity 2700 litres. 1 for Kalgoorlie

International ACCO 1950D X 1 1988
Utilising aerial equipment from an earlier appliance. Known as an Abbey Skysquirt water tower. Replaced in 1994 by a Scania.

Mazda T 4100 light pumpers X 6 1989 - 1993
First of 80 to replace Bedford CFA appliances. Pump capacity 1500l/m.
Built locally from Victorian CFA design. This model was identical to the Ford Trader.

Toyota HZJ75 4x4 Light Tanker x 48 1992-2006
These appliances replaced the ageing fleet of existing light tankers and also provided appliances for country towns.

Scania P93m X 9 1992 - 2006
Heavy pumpers provided for the metro stations. They carried light rescue equipment. Similar models introduced with only minor modifications.

Austal Firepac X 1 1991
Built to carry out road rescue, salvage, building collapse, line rescue and general fire fighting. Fitted with a Hale 2PB 5 2 stage centrifugal pump and with a water tank of 1000 litre capacity.

Nissan UDCPC X 1 1993
Chemical and hazardous materials appliance. Superseded in later years with composite appliances.

Scania P113 X 1 1994
Known as the Bronto Skylift multi purpose aerial appliances. Later models followed.

Scania P93 ml X 11 1994 -1997
Medium pumpers with light rescue equipment.

Scania Metz G93 Turntable Ladder X 1 1996
Extension to 33 metres. Replaced A E C TTL.

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ACCO 2350 X 6 1999
Medium pumper with light rescue equipment. Crew cab (6 persons)
Placed at metropolitan fire stations.

Scania P94d X 10 2001-2005
Scania P95d X 5 2001-2006
Scania models listed above were almost identical in appearance with only minor later model changes. Both were medium pumpers with 4 x 2 configuration and a full crew cabin

Scania P124 X 1 2002
The earlier Bronto Skylift aerial section mounted on a later model chassis, with capabilities as for the previous model in service.

Isuzu FSS 500 X 8 2002-05
The FSS nomenclature indicates that this model is of a 4 x 2 configuration, and could be either a full cab (6 person crew) or single cabin (2 person crew). The unit was principally a general purpose appliance with a structural and rescue capability.

Isuzu FSS 550 X 8 2002-2005
Medium pumper designated for volunteer country stations.

Isuzu FRR 550 X 9 2002-2005
The FRR nomenclature indicates that this model is of a 4 x 4 configuration, and designated as a general purpose unit, principally for urban areas as 1st turnout or back-up response. It was also placed in some country towns. It was provided with suitable equipment to carry out a role as a hazmat / structural or rescue appliance. Medium water tankers were also built on this chassis, and were either a single cabin or crew cabin

Landrover Defender 130Td X 21 2003-2006
Additions and replacements to existing fleet of light tankers. Country and Metropolitan.

Scania 94d X 2 2005
Specialist equipment tender for hazmat and chemical incidents.

ACCO 2350 X 1 2005
Listed as “platform on demand”. 4 x 2 single cab. Fitted with a Gwena Hydraulic hook loader. Can carry large drum of hose for extensive layouts. Other bulk equipment for assorted incidents.