

W.A.S.C. 1950

7-11-1930  
Details of Fire  
Engine order to  
Dennis Bros.



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Mr Les Tucker  
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Ref: NRC/SA/2005-05

27 January 2005

Dear Les

I hope this letter finds you in the very best of health.

Recently we were fortunate enough to be allowed access to the Dennis Brothers archive. The archive contains not only photographs but also order details relating to fire appliances produced by this famous Guildford company.

Please find enclosed with this letter two order details for appliances supplied to the Royal Gunpowder Factory. Unfortunately, we have not been able to track down any photos yet, but we are extremely hopeful that in another month or so we may have prints for you.

I look forward to visiting the museum when it reopens later this year, when perhaps we could have a chat about display boards, etc.

Have you seen the items in the National Archives at Kew relating to the factory? Whilst we were searching through data on HM Factory Gretna, we came across details of management, output and costings in with the Gretna items.

I look forward to hearing from you

With all best wishes



**Nigel Crompton**

TRAILER FIRE ENGINE

1930

Form 44.

Order No. 21455. **DENNIS BROS. (1913) LTD.**

Supplied to W.A.D. Date supplied Nov. 7-1930.  
Royal Gun foundry factory.

Chassis No. T. 182 Type

Engine No. 34883 H.P. 18

Body No. — Type

Bore 85

Stroke 120

DETAILS:

8 in tires

3. 5 ft lengths of  $2\frac{1}{2}$ " suction

Basket strainer

Dirt suction and after  $2\frac{1}{2}$ " V.

Search light

Small lamp on head

Pyrene extinguisher

6 Volt dynamo lighting set.

Delivered Per 401.  
2. 11. 30  
3.

21455  
8. 11. 30

DESCRIPTION.	SPECIFICATION NOS.	DESCRIPTION.	SPECIFICATION NOS.
Frame and Fittings ...	7539/1-2	Footboards ...	
Length of Dash Line ...		Hub Caps ...	
Dash to end of Frame ...		<del>Roller</del> <b>Roller</b> Bushes (Axle) 6113/1	
Width of Frame ...		Starting Handle ...	
Height of Frame ...		Control ...	7570/1
<del>Back</del> Axle ...	7602/1	Autoloc Control ...	
Dash to Back Axle ...		Silencer ...	5735/5
Back Brakes ...	7602/1	Petrol <del>Pike</del> Tank ...	5124
Front Axle ...		Coil Ignition ...	
Gear Box ...		Magneto... ..	Sigma
Arbor Shaft ...		Change Speed ...	
Length of Arbor Shaft ...		Pressure Feed ...	
Back U Joint ...		Carburettor ...	Claudel-Hobson
Clutch U Joint ...		Wheel Base ...	
Radiator. <b>Tank</b> ...	7530/1	Wheel Track ...	4'0 $\frac{1}{8}$ "
Bonnet ...	7532/1	Wheels ...	Disc 5299/2
Dash ...	7534/1-2	Springs, <del>Front</del> ...	5620/1
Fan ...		<del>Springs, Rear</del> ...	
Pedals ...		Tyres and Nos. ...	
C' ...		<b>Legs</b> ...	7570
Clutch Shaft ...		No. of Pump ...	2
Steering Gear ...		Length of Pump Shaft ...	
Steering Connections ...		Pump Charging and } Striking Gear ... }	
Length of Connecting Rod		Centre Bearing on } Pump Shaft ... }	
Length of Link Rod ...		Finish ...	
Foot Brake ...			
Dash to outer edge of } Steering Wheel }			
Frame to bottom edge } of Steering Wheel }			

TRAILER PUMP ENGINE

Form 44.

Order No.

8554

DENNIS BROS. (1913) LTD.

Supplied to

WAD.  
Waltham Abbey  
Gunpowder Factory

Date supplied

Sept 25 - 1925.

Chassis No.

9811/T142

Type

Engine No.

31819

H.P. 18

Body No.

—

Type

Bore 85 mm

Stroke 120 mm.

DETAILS :

White & Poppe Engine.

No. 2 Pump with Cone Clutch Arrgt. 7760. L.Hd. Rotation.

✓ 4. 8 ft. length of 3 1/2" suction.

✓ Strainer + blank cap.

✓ Solid tyres

✓ 2 1/2" V thread outlets

✓ 1.3825. Delivery train to Waltham Abbey 3/4

10/25/25  
21/10/25

1/10/25

DESCRIPTION.	SPECIFICATION NOS.	DESCRIPTION.	SPECIFICATION NOS.
Frame and Fittings ...	70454 - 70455	Footboards ...	
Length of Dash Line ...		Hub Caps ...	5614/3
Dash to end of Frame ...		<b>Axle</b> ...	5560/1
Width of Frame ...		Floating Bushes	
Height of Frame ...		<b>Roller " "</b> ...	6113/1
<del>Back</del> Axle ...	7602/1	Starting Handle ...	By W & P. & altered
Dash to Back Axle ...		Control ...	
<del>Back</del> Brakes ...	7602/1	Autoloc Control ...	
Front Axle ...		Silencer ...	5735/5
Gear Box ...		<del>Petro</del> Filter Tank ...	5124
Arbor Shaft ...		Coil Ignition ...	
Length of Arbor Shaft ...		Magneto... ..	Simms
Back U Joint ...		Change Speed ...	
Clutch U Joint ...		Pressure Feed ...	
Radiator. <del>tank</del> ...	70471	Carburettor ...	Claudel-Hobson
Bonnet ...	70470	Wheel Base ...	
Dash ...	7534/2 & 7534/3	Wheel Track ...	
Fan ...		Wheels ...	Disc WD.01956
<del>3 3 4</del> <del>Tools</del> Tool box ...	70573	Springs, <del>front</del> ...	5620/1
Clutch ...		Springs, Rear ...	
Clutch Shaft ...		Tyres and Nos. ...	
Steering Gear ...		<b>Mudguards</b> ...	70465 - 70466
Steering Connections ...		<b>Component Arrgt.</b> ...	70469
Length of Connecting Rod		No. of Pump ...	2. to arrgt. 7760/1
<del>Length of Link Rod</del> ...		Length of Pump Shaft ...	
<b>Legs</b> ...	70550	Pump Charging and } Striking Gear ... }	
Foot Brake ...		Centre Bearing on } Pump Shaft ... }	
Dash to outer edge of } Steering Wheel }		Finish ...	
Frame to bottom edge } of Steering Wheel }		<b>General arrgt.</b> ...	70550 Sheet 1 & 2
		<b>No.2 Trailer with revised Bonnet &amp; frame. water tank etc.</b>	

30.6.30. DD.