

40 YEARS OF SERVICE
OVER 1200 ITEMS FROM ONE SOURCE

P.O. BOX 84
PHONE LI 9-4666

C. E. HICKEY and SONS LTD.

589 Cannon St. East, Hamilton, Ont.

March 30, 1972



Mr. E. C. O'Brien, Chief
Pelham Fire Dept.
Pelham, Ontario

Dear Chief:

I have enclosed two copies of the corrected specifications as per our meeting March 29th.

I included the following as discussed.

- (1) 100 amp alternator
- (2) 3 axes, 2 pick head and 1 flat head
- (3) 2 - Style 1581 Wyes
- (4) 2 - Style 285 hydrant gate valves.
- (5) Akron Turbo Jet nozzles
- (6) Canadian Motorola two way radio

Please have the one copy signed and returned along with the Sales Tax exemption form.

I have ordered the chassis from McCollum Pontiac Buick Ltd., St. Catharines and they anticipate delivery around the middle of June.

Best regards.

Yours very truly,

C. E. HICKEY & SONS LTD.,

J. J. Hickey per SM.

J. J. Hickey, Sales Manager

JJH:sh



EXCLUSIVE ONTARIO DISTRIBUTORS FOR

**THIBAUT CUSTOM & COMMERCIAL BUILT FIRE APPARATUS
COMPLETE MUNICIPAL AND INDUSTRIAL FIRE PROTECTION EQUIPMENT**

CERTIFICATE OF FEDERAL TAX EXEMPTION
ON THE PURCHASE OF COMPLETE
FIRE TRUCK

This is to certify that _____
has purchased a Thibault Fire Truck, sold by C.E. Hickey &
Sons, Limited.

This is to certify that purchased Fire Truck is to be used
by the Municipality for the purpose of Fire Fighting,
The undersigned herewith applies for Federal Sales Tax
Exemption on Fire Truck, Serial No. _____

Signed by: _____

Title

Please sign and return both copies,
Please stamp the seal of the Municipality.

ONE TRIPLE COMBINATION 625 IMP. GAL.
CLASS "A" THIBAUT PUMPER, ALL CANADIAN
MANUFACTURED, U.L.C. APPROVED & LABELLED,
BUILT TO C. S. A. SPECIFICATIONS.

INTRODUCTION

THIBAUT FIRE TRUCKS are the ONLY FIRE TRUCKS completely manufactured in CANADA at a GOVERNMENT and UNDERWRITERS LABORATORY CANADA approved factory.

THIBAUT FIRE TRUCKS incorporate not only the experience gained in constructing FIRE TRUCKS for over 60 years, but personal pride in a SUPERIOR product.

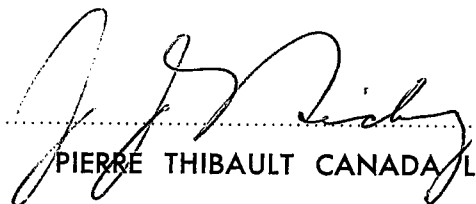
Parts for all models, regardless of age, are obtainable from C. E. HICKEY & SONS LTD., HAMILTON, ONT., or from the THIBAUT factory at Pierreville, Quebec.

GUARANTEE

This is to certify that we, Pierre Thibault Canada Limited, Pierreville, Quebec, guarantee THIBAUT FIRE APPARATUS to be free from defects in material and workmanship under normal use and service, our obligation under this Warranty being limited to repairing or replacing any defective part or parts which shall within 1 year~~s~~ after delivery be returned to C. E. Hickey & Sons Ltd., or the Thibault factory, transportation prepaid. This Warranty does not apply to apparatus or equipment which has been subjected to misuse, negligence or accident.

This Warranty does not apply to trade accessories.

Signed


PIERRE THIBAUT CANADA LIMITED

THIS GUARANTEE is in accordance with all U.L.C. requirements.

C. E. HICKEY & SONS LTD.

SERVING CANADIANS FOR OVER 40 YEARS

589 CANNON STREET EAST

HAMILTON, ONT.

PHONE: 549-4666, 549-4667

C. E. HICKEY & SONS LTD.

HAMILTON, ONT.

SERVING CANADIANS FOR OVER 40 YEARS

CHASSIS SPECIFICATIONS

MAKE: 1972 GMC chassis and cab

G.V.W. RATING: 27500 lbs.

MODEL: CE66803

Full 3 Man conventional c/w dome

CAB: light dual visors and seat belts.

TIRES: FRONT 900 x 20 - 10 ply

REAR 900 x 20 DUAL 12 PLY

WHEELS: Cast spoke - 20 x 7.0

TREAD: Mud and Snow grip c/w valve exte.

WHEELBASE: 173 1/2"

FRONT SPRINGS: 4500 lbs. each

CAB TO AXLE: 108"

REAR SPRINGS: 10400 lbs. ea. c/w aux.

REAR AXLE: 18500 lbs.

SHOCKS: H.D. Hydraulic front and rear

FRONT AXLE: 900 lbs.

SERVICE BRAKES: H.D. Hydraulic Vacuum Booster and reserve tank

HEATER & DEFROSTER: Fresh air type

EMERGENCY BRAKES: H.D. Mechanical on propeller shaft at rear of pump plus controller c/w gauge.

ELECTRICAL SYSTEM: 12 Volt H.D.
All circuits individually fused and identified

BATTERY: 2 - 6 volt in series providing a H.D. 12 volt 150 amp system charging receptacle on left side of dash

FRAME: Reinforced

ALTERNATOR: 100 amp 12 volt

ANTI-FREEZE: -35°F.

MIRRORS: Dual West Coast, chrome 7"x16" c/w lights & wide angle lenses

TRANSFORMER: no

TRANSMISSION: H.D. Spicer 5 speed synchromesh direct in 5th

110 VOLT OUTLETS: none

Manual choke on dash

Manual throttle on dash

ENGINE: 427 V8

260

H.P. at 4000 R.P.M.

Block heater installed c/w thermostat control connected to 110 volt waterproof receptacle

CU. INCH DISPLACEMENT: 427 cu.in.

WIPERS: on left side of dash.

Dual 2 speed c/w washers

BUMPER & FRONT GRILL: Std.

CLUTCH: Dual plate 12" diam.

DIRECTION SIGNALS: FRONT & REAR: 4 WAY FLASHER TYPE.

2 - red flasher lights front and 2 rear

2-ENGINE COMPARTMENT LIGHT: INCLUDED STEERING: Power c/w cooler

FUEL TANK 35 Imp.gal. c/w aux.fuel pump

IGNITION: Std. c/w pilot light and chain

TOW HOOKS: 2 FRONT & REAR.

CARBURETOR: Std.

1 - set of Safety Flares included.

CLEARANCE LIGHTS & RUNNING LIGHTS IN ACCORDANCE WITH PROVINCIAL HIGHWAYS REGULATIONS

TRIPLE COMBINATION . . 625 . . IMPERIAL

GALLON PUMPER

Single

one

Pump: ~~Two~~ stage Centrifugal Underwriters Laboratory Canada. The pump consists of ~~two~~ stages, mounted on one stainless steel shaft arranged for ~~Series or Parallel~~ operation and designed to give maximum performance at a minimum engine speed.

Pump Performance: Underwriters rating class "A"

625	Imperial gals. per min. at	150	lbs. per sq. inch
438	Imperial gals. per min. at	200	lbs. per sq. inch
313	Imperial gals. per min. at	250	lbs. per sq. inch

Capacity based on a 10' lift. A 20% increase in performance will be obtained operating on a hydrant with 50 lb. flowing pressure. Ratings are guaranteed in accordance with requirements of the UNDERWRITERS LABORATORY OF CANADA.

Workmanship: This pump is completely Canadian manufactured at the Thibault plant. Every part is interchangeable, being machined in a fixture and drilled with jigs so that replacement of any part is an easy matter. All material entering into the manufacture of our pumps is carefully tested to insure proper hardness and freedom from defects before machining is proceeded with.

Pump Body: The pump housing is constructed of fine grain nickel alloy iron and is of the split type, the main or lower half of the body extending all the way across the chassis frame. The upper half is a single casting mounted on the main or lower body. All bronze construction is optional on all size pumps.

Main Bearings: Bearings do not come in contact with water and are lubricated from operator's panel.

Pump Impellers: Bronze, accurately machined and carefully balanced.

Thrust: Theoretically balanced at all operating speeds and pressures.

~~Transfer Valve: The valve consists of a bronze body and a bronze drum, vacuum operated by means of a fingertip control. This control is made very convenient and the transfer from pressure to vacuum or vice versa is simple and fast.~~

Pressure Control: A hydraulic operated governor ~~or relief valve~~ is provided to maintain pump discharge pressures as required and is regulated from the operators panel.

Operating Panel: Clearly illuminated and containing the following:

- 1 — Tachometer.
- 1 — 0-500 lbs. Pump pressure gauge.
- 1 — 30-0-300 compound pressure and vacuum gauge.
- Individual pressure gauges for all 2½" and 1½" discharge lines. & 1" 0-500 F.S.I.
- 1 — Tank water level gauge. Mechanical
- 1 — Oil pressure gauge.
- 1 — Engine temperature gauge.
- 1 — Pressure control.
- 1 — Venier type throttle control.
- 1 — Master single drain valve control.
- 1 — Pump primer control.

Operating Panel (continued)

Bleeder valve for each 2½ outlet.

1 — Auxiliary cooler control.

1 — Vacuum operated pump engaging control located so as to allow engaging of the pump from the drivers seat.

Auxiliary manual control is also provided for pump engaging.

~~1 — Vacuum operated transfer valve control.~~

3 — Control panel lights. 2 left side and one right.

1 — Speed counter drive for checking pump speed.

Pump pressure and suction test plugs.

All controls are clearly marked with permanent type plates indicating function and position. All valve full flow ¼ Turn Ball Type with adjustable seats and position holders.

Grease fittings on panel for lubricating valves.

All discharge and bleeder line controls conveniently located on panel.

Pump Engaging: New streamlined vacuum pump shift controlled from drivers or pump operators position actuates booster vacuum control to engage or disengage pump. An auxiliary manual control is also provided for pump engaging.

Priming System: Fast, positive priming by gear type oil pump with friction clutch drive. This primer is engaged with the main pump operating which is a distinct advantage on a high lift.

Options: Electrically Driven X c/w aux. control button on panel

Discharge and Suction: 4 2½" discharge outlets, 2 left, 2 right, 2 1½" discharge outlet at rear of hose body, all controlled from operator's panel. Two 4½" suction inlets, one on each side with strainers. 2½" gated dry section lines for hydrant, relay or portable pump operation with strainers and ¼ turn full flow ball valves with adjustable seats and position holders. 2 each side

All discharge outlets are equipped with chrome caps and keeper chains.

The large suction inlets are equipped with long handle chrome caps.

The 2½ suction inlets are equipped with chrome plugs and keeper chains. All suction and discharge tubes are rubber gasketed where they pass through the body.

Water Tank: Flat top with a capacity of 500 Imperial gallons with water level gauge. The water tank is constructed of heavy 10 gauge copper bearing steel properly baffled to prevent surge and is equipped with a convenient leak proof right front filler, large clean out ports which permit access to all sections of the tank and an overflow system. The tank is not subject to pressure, its function being merely to carry water. Communications between the tank and the pump is established by a 2½" line equipped with a ¼ turn full flow ball valve controlled from the operators panel. A 1½" fill line with ¼" turn ball and panel control is installed to permit refilling of the tank while pumping from draft or hydrant. A drain valve is located at the lowest point to allow complete draining of the tank if required. The interior is completely covered with a permanent rust preventative. The tank is not permanently connected to the frame or body and is engineered to allow easy removal if necessary. The tank to pump outlet is equipped with a sump and anti cavitation device to allow complete use of the full tank.

Hose Reels: One Reels supplied. c/w 2 wrenches

mounted above the pump compartment on right side

and equipped with chrome rollers and spools. Control valves located on operator's panel.

Each reel is equipped with 200 feet of 1" 800 lb. working pressure booster hose, chrome high pressure Bar-Way couplings and chrome fog nozzle.

R C Wind Mechanism: ^{Vertical} ~~Geared~~ Crank _____ x _____ Electric _____
Geared

Body: Custom design and construction of 12 gauge steel with all joints electric welded and corners rounded and reinforced with no rough edges or projections to catch hose or equipment. Full length stainless steel hand rails are installed on the top of the body on both sides in addition to the two vertical and one horizontal chrome hand rails at the rear. All fittings such as suction hose and ladder brackets are gasketed and bolted to the body after finishing. Steps are provided at the rear of the body to allow easy access to the hose compartments.

Hose Compartments: The hose compartment which has a normal capacity of 1400 ft. of 2½ double jacket and 600 ft. of 1½ double jacket fire hose with a 500 gal. water tank can be divided with removeable partitions to suit any special requirements at no additional charge. The floor of the compartments are covered with removeable slatted hardwood in-lays to allow free circulation of air to the hose load. 1400 ft. 2½ hose body centre with divider down the middle, 2-600 ft. 1½ hose compartments, one each side. One light weight canvas, waterproof hose body cover c/w fasteners on body.

Running Boards and Rear Step: Full width, made of heavy tread plate steel. The running boards are independent of and not connected to the cab which eliminates cracking which may occur on rough terrain.

70

Compartment Space: (Approx. 60 cu. feet)

4 exceptionally large weather proof equipment compartments, 2 built in each side of body fore and aft of the rear wheels. Sufficiently large to carry portable pumps, fire brooms, masks, clothing etc. Large door to pump compartment. A large open compartment extending the full width of the body is provided over the pump compartment with a removeable floor to allow easy access to the pump. A large closed compartment of sufficient size to carry a portable pump is provided ahead of the rear platform. All closed compartments, including engine and pump compartments are equipped with automatic lights controlled by heavy duty door switches. All doors are equipped with heavy duty flush type chrome pedal latches and spring loaded hinges which hold doors closed if latch is not caught. The full width rear compartment is to have 3 doors of gridded metal with no dividers.

Auxiliary Cooler: Closed loop type auxiliary heat exchanger built into the cooling system. Brass construction with control on operators panel.

Painting: Highest quality fire dept. red, with thoroughly rubbed down primer and under coats. Stripping and lettering is of pure gold leaf. Two tone red and white or all white optional. Two tone red and white included as specified.

Lettering: PELHAM
FIRE DEPT.

EQUIPMENT

Suction Hose:

2 - 10½ ft. lengths of best grade 4½" smooth bore, hard suction hose with chrome long handle female and pin lug male couplings. Mounted on left & right brackets and large aluminum strainer mounted on screw base. G/W 30 ft. of rope & snap.
2 - 10 ft. lengths of 2½ as above mounted above the 4½ hose in double trough on left side.

Discharge Hose:

4 - 50 ft. lengths of best grade 1" 800 lb. working pressure booster hose with chrome high pressure Bar-Way couplings.

Ladders: Nested in non-rattling brackets.

**Thibault Make — Canadian Underwriters
Approved for fire service.**

Side Mounted Right Hand Side & left hand side

- 1 - 40 ft. 3 section heavy duty aluminum exts.ladder
- 1 - 24 ft. 2 section heavy duty aluminum exts.ladder
- 1 - 14 ft. heavy duty aluminum roof ladder c/w folding hooks
- 1 - 10 ft. aluminum folding attic ladder

~~Cantilever Overhead Mounted~~

Extinguishers:

- 1 - 20 lb. Fyr-Fyter H.D. press.dry chemical exts.,Mounted
- 1 - 15 lb. Fyr-Fyter CO2 exts.,mounted
- 1 - 5 gal.copper pump tank exts.,mounted
- 1 - 5 gal.90G Indian pump tank exts.,mounted

Pike Pole: 1 - 12'..... wooden pike pole and mounting.
1 - 6' " " " " "

Axes: 3 - ~~2~~ - Fire Dept. type ~~pick head~~ axes and chrome mounting. 6 lb. 1 - Flat head
2 - Pick head

Lanterns: 2 -TW.4.....Radar..... Electric hand lanterns and mounting brackets.

Crowbar: 1 - 3 ft. crowbar and chrome mounting.
1 - ~~6~~ ft. crowbar and chrome mounting.

Nozzle Holders: 7 - 2½" nozzle holders - chrome finish.
..... 1½" nozzle holders - chrome finish.

Searchlights: 2 - 6" rear loading lights, swivel mounted. Chrome finish. Master switch in cab
2 - Front thru-the-post searchlights controlled from inside the cab. Chrome finish.

Siren: 1 - only Federal model PA15A siren with flashing red light, mounted on right fender..... with dual left and right hand cab controls. Electronic c/w chrome speaker and microphone

Signal Light: 1 - Federal Model 184 Revolving red light on cab roof

Connectors: 2* - 2½" double male connector, chrome finish.
2* - 2½" double female connector, chrome finish.

Siamese, Wyes & Fittings:

- 2 - Akron Style 1581 Ball valve wye 2½ x 1½ x 1½ Tork-Lok handles
- 1 - Akron Style 260 Plain wye, chrome 2½x2½x2½
- 1 - Akron Style 261 Plain wye, chrome 2½x2½x2½
- All of above suitably mounted.
- 2 - Akron style 285 Hydrant gate 2½ chrome

Nozzle Equipment:

- 1 - 1" Akron Style 1708 Turbo Jet Pistol Grip, swivel base /chrome
- 4 - 1½" Akron Style 1715 chrome, swivel base, 2 mounted
- 2 - 2½ Akron Style 1731 chrome swivel base, mounted

Towing Hooks: Two heavy duty towing hooks on front. Chrome finish.
" " " " " " rear.

Battery Charger: A polarized battery charger receptacle is provided at the rear of the body.

Hose Threads: If other than Canadian Standards Association, please specify and supply sample.

Approvals: The complete apparatus to be built in accordance with the latest Canadian Standards Association specifications governing motorized fire apparatus and be tested by and carry the listing plate of the Underwriters Laboratory of Canada.

Manuals: 1 — Pump Operator's Instruction Manual & Parts Book covering the complete pump, pressure regulators, auxiliary cooler, valves, hose reels and ladders.

1 — Chassis Manual & Warrantee as supplied by the chassis manufacturer.

Other Equipment Included:

- 2 - Buttons at rear of hose bed, one each side and connected to vehicle horn
- 1 - Warner type hose clamp, mounted
- 2 - Akron Style 448 c/w wrenches, one mounted on each side near 2½ outlets.
- 2 - 12' x 14' 10 oz. canvas salvage covers, flame and waterproof c/w hem & grommets.
- 1 - Hydrant wrench
- 1 - Rubber mallet
- 1 - 36 Unit F.D. type 1st aid kit
- 8 - 50 ft. lengths of 2½ Hickey Perfection double jacket dacron fire hose C.S.A. coupled
- 2 - 50 ft. lengths of 1½ as above
- 2 - Scott Air Pak II complete with Scottoramic facepieces, Pak Alarm and carrying cases.
- 2 - Spare 45 cu.ft. air cylinders for above
- 2 - Forks, 3 tine
- 2 - shovels, 1 round nose, 1 square nose
- 1 - Canadian Motorola two way radio dual frequency 153.80 and 154.07 supplied and installed plus extra speaker supplied and installed on control panel. Radio also connected to siren speaker.

The apparatus complete as per specifications including GMC chassis \$27,119.55

The apparatus complete as per specifications including chassis \$

The apparatus complete as per specifications including chassis \$

The apparatus complete as per specifications mounted on a chassis of your supply \$

Terms: NET on completion of acceptance test.

C. E. Hickey & Sons Ltd. delivery engineer will operate pumper for acceptance test and instruct pump operators.

We hereby agree to sell the apparatus described in these specifications to
The Town of Pelham

For the Sum of \$

delivered at Fonthill, Ontario

within 85 working days of receipt of order or chassis if chassis supplied by seller.
Subject to delays beyond our control.

Seller: C. E. HICKEY & SONS LTD.

Date: J. J. Hickey, Sales Manager
March 30/71

Accepted by the Municipality of

TOWN OF PELHAM

Purchaser

Duly Authorized Official

Duly Authorized Official

MAYOR

Title

CLERK

Title

Date APRIL 17th 1971

C. E. HICKEY & SONS LTD.

SERVING CANADIANS FOR OVER 40 YEARS

589 CANNON STREET EAST

HAMILTON, ONT.

PHONE: 549-4666, 549-4667