



***FIRE APPLIANCE
OPERATORS
HANDBOOK***

1.

HOSE REELS TO WORK

(In Cab)

Stop Vehicle

Apply Brake

Gear shift to neutral

Operate Governor Switch

Switch on Pump Shift

(Red light may flash until 2 — 5 gear engaged.)

Engage 2 — 5 gear

(Pump Control Panel)

Check Red Lamp on

Open water tank valve

Shift pump from volume to pressure, using the control switch, WAIT until amber lamp glows.

Open reel control valve (if necessary)

Operate Vernier throttle control to required pressure. (Max 2750 Kpa.)

To Close Down:

Reverse the above procedure

2. MAIN HANDLINES TO WORK 1½" and 2½" HOSE LINES (Water)

(In Cab)

Same as for hose reels

(Pump Control Panel)

Check Red Lamp on _____

If working from tank, open tank valve

If working from hydrants, input will be through either or both collector heads.

Open hydrant line(s) _____

Ensure **VOLUME** light is on _____

Open delivery line(s) valves gently and observe branch men, if possible, then open throttle to desired pressure.

Note: If more than one delivery line is to be used, set **RELIEF VALVE** control to desired pressure.

Max. pressure with two men on branch
800 Kpa.

To Close Down:

Gently close throttle then close relevant
valves and reset relief valve.

2. MAIN HANDLINES TO WORK 1½" and 2½" HOSE LINES (foam)

Same as water hose lines but, all water supply must be routed through the tank — Couplings on rear of appliance.

(Use Foam Branch Pipes)

DO NOT use Relief Valve Control

Plus:

Open Water Venturi valve

Open Foam valve

Open Foam Metering valve to the required concentration.

Set Metering valve

1 branch line	2.5	@	6%
2 branch lines	4.00	@	6%
1 branch line	1.5	@	3%
2 branch lines	2.2	@	3%

Maximum pressure with two men on branch
800 Kpa.

3. continued

To Close Down:

Gently close down throttle then close

Delivery Valve
Water Venturi
Foam Valve
Foam Metering Valve

Open:

Flushing Valve

Feed clean water through all deliveries

e.g. Boom

Hose Reels

4 deliveries

until all signs of foam residue are flushed away.

On completion of flushing close flushing valve.

Replenish foam tank

4.

TELESQURT BOOM UNIT TO WORK (Water)

Site vehicle as level as possible.

(In Cab)

Stop Vehicle
Apply Brake
Operate Governor Switch
Shift into 2--5 gear
Switch on P.T.O. Switch
Shift to Neutral
Switch on Pump Switch
Shift into 2--5 gear

(Pump Control Panel)

Check Red Lamp on
Switch on Telesqurt Master Switch
Set revs. to 1200 (*to pressurise hydraulic control lines.*)

Operate boom to desired configuration

Set in desired Water supply e.g. from tank, hydrants or 'open water' —Ocean, ponds, streams etc.

Open Telesqurt water supply valve

Operate pump to desired output pressure (max. 1300 Kpa.)

To Close Down:

Close throttle
Close Telesqurt Water Supply valve
Close down Water Supply — House Boom
Close Cab controls
Switch of P.T.O. while in gear
Shift to Neutral
Switch off Pump Switch & Governor

5.

TELESQURT BOOM UNIT TO WORK (foam)

(In Cab)

Same as for Water

(Pump Control Panel)

As for water, but water supply must be either from the tank or through the tank when using hydrants (couplings on rear of appliance) or through 'hard suction' from 'open water' directly in to pump through pump panel.

Fit Foam monitor to end of boom.

Plus:

Open Water Venturi Valve

Open Foam Valve

Open Valve Metering Valve to the required concentration, that is:—

6% concentration of foam 6.9

3% concentration of foam 4.4

Open Telesqurt water supply valve

Output pressure 800 Kpa.

Replenish foam tank as required

Close Down:

Close Foam Valve

Close Foam Metering Valve

Close Water Venturi Valve

Open:

Flushing valve and flush pump boom and system clean with water.

Close down water supply

Close cab controls in reverse of starting

6.

WORKING FROM OPEN WATER

(Open water is drawing water from ocean, rivers, streams and ponds etc.)

(In Cab)

Apply Brake

Gear shift to neutral

Operate Governor

Switch on pump shift

Engage 2 - 5 gear

(Pump Control Panel)

Check Red Lamp on

Remove collector heads

Fit one blank cap to suction entry on opposite side of appliance to which you are operating.

Connect the desired number of hard suction lengths and strainer(s) to operating side of appliance.

Set throttle to 1,200 R.P.M.

6. continued

Pull priming lever, then watch compound gauge (A negative pressure (*suction*) should record) needle, until the needle stops falling.

When water to pump is achieved, the needle will swing and the priming pump sound will change.

Push priming lever back in

Open desired deliveries and pump at pressure as required.

To Close Down:

Close throttle
Close deliveries
Drain hose

Flush pump with clean water as soon as possible.

NOTE:

ANY TIME SALT OR POLLUTED WATER HAS BEEN USED, THE PUMP SYSTEM MUST BE THOROUGHLY FLUSHED OUT.

NOTE:

AFTER USE ENSURE THAT THE APPLIANCE IS CLEANED DOWN AND RESTOCKED AND LEFT IN A CONDITION THAT YOU WOULD LIKE TO FIND IT.
THAT IS FULLY OPERATIONAL.