

Pegasus 7000 (Standard), Quick Start Guide

The Pegasus 7000 (Standard) is the latest Broadacre Sprayer from Croplands featuring a Hypro 'Forcefield' Centrifugal pump, an ARDS drawbar, Air Suspension and a high capacity 1,500 litre Flushing tank.

(Not to be confused with the Pegasus 7000 PLUS which is in effect an 8,500 litre, twin centrifugal pump sprayer).

This quick start guide highlights the operational variations from Croplands older / diaphragm pump models.



Safety.

Please read and understand all supplied manuals, guides and safety decals before operating this sprayer.

Connect Sprayer to Tractor.

It's important to note that with the 36m spray boom open and wet, with the main tank and front tank completely empty, the sprayer is fractionally back heavy. Sprayer must be connected to a tractor before opening the boom.

Drawbar Weights (approximate).

Boom open, empty tanks = **-50 kg** (WARNING - tail heavy)

Boom folded, empty tanks = 800 kg

Boom open, full tanks = 5610 kg

Boom folded, full tanks = 6460 kg



Centrifugal Pump

The high capacity Hypro Forcefield centrifugal spray pump (model 9316C3U-M10) is identified by **yellow** coded hydraulic hoses. Double yellow bands for the pressure line.

Maximum hydraulic oil flow of 68 lpm (ea) will rarely (if ever) be required.

For further questions on the pump's operations, consult the separate pump instruction manual that has been supplied at the time of delivery.

Hand Wash Tank

This sprayer is equipped with a 20 litre HAND WASH tank.
ALWAYS fill from a clean and trusted water source.



Fill Flush Tank

The Pegasus 7000 features a large capacity (1,500 Litres) Flushing tank.

Fill is via a 2" camlock from via external water source.

(Photo shows capped & valve closed position).



Fill Main Tank

The main tank has a maximum capacity of 7320 Litres, plus additional top ridges to aid foam suppression.

Fill is via a 2" camlock fitting from an external water (and / or chemical source).

(Photo shows capped & valve closed position).

Always turn ball valve to off (as shown) for cleaning of the filter



Fill Main Tank cont ...

1. Set Tank Selection Valve (located on the drawbar) to OFF (there are 2 possible (for & aft) positions for off).



2. Set Control Panel's Fill Valve to FILL MAIN TANK.
3. Connect to Fill Camlock (not shown in photo below), Open ball valve.

Fill as required.

See the full manual for further information re fill meters etc.



Note; position of the Pressure valve is not critical, but best to be OFF unless required.

Transfer from FLUSH tank to MAIN tank, via Pump.

Transfer time will vary depending upon pump speed, and is normally around 300 ~ 400 litres per minutes.

Note; it's not possible to transfer from 7000 to 1500.

1. Set Tank Selection valve (on the drawbar) to FLUSH, as shown.



Transfer from Flush to Main cont ...

2. Set Fill valve to FILL MAIN TANK, as shown.
3. Engage pump until required volume of fresh water has been transferred.

Turn all valves to off when completed

Note; position of the Pressure valve is not critical, but best to be OFF unless required.



For the functions Hopper, Probe & Probe Rinse, Main Tank Rinse & Agitators and Spray.

- Set the Fill valve to SPRAY, as shown here

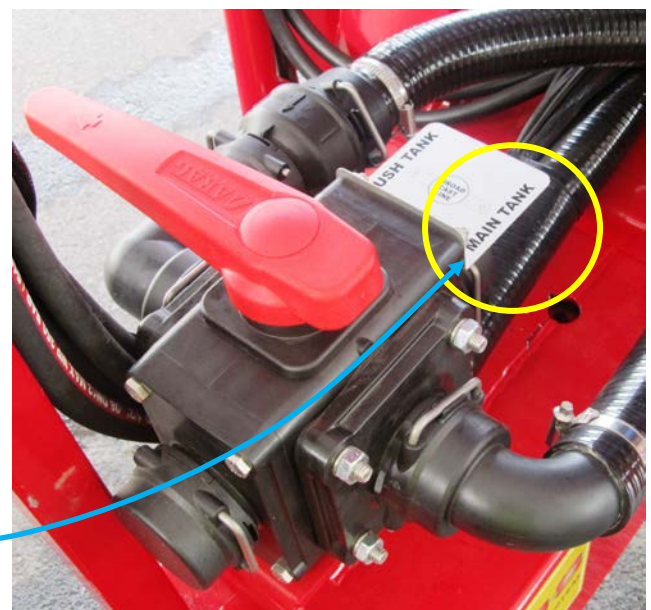


AND

- Via the Tank Selection Valve, **select the tank** from which to draw.

For all Flushing and some Hopper operations that will be from the FLUSH tank (as shown in the photo). Note all water returns to the Main tank.

For Probe, Spray, Agitation and most Hopper operations it will be the MAIN tank that's selected.



Chemical Hopper

The Chem-e-flush chemical hopper can be operated by drawing liquid from both tanks.

Fill and drain speeds are dictated by the pump speed. At full pump speed, it's normally around 50 seconds to fill and approximately 60 seconds to empty.

Drum rinse and flush functions do not need full pump speed.

1. Select liquid source (Flush or Main) as per above.



2. Set Fill valve to SPRAY.



3. Set Pressure valve to HOPPER.



To see further information on using the Chemical hopper, please watch the video at this link ...

<https://youtu.be/IJo27Jf33kk>

Probe

The Chemical Probe can be operated by drawing liquid from either the Flushing or Main tanks.

Performance is dictated by the pump speed.

1. Select liquid source (Flush or Main).

This will normally be MAIN.



2. Set Fill valve to SPRAY.



3. Set Pressure valve to PROBE.



4. Connect Probe.

See the full manual for further information re Probe operations.



Probe Rinse

- Must select FLUSH TANK for water supply.
- Must Select SPRAY from the Main valve.
- Activate PROBE RINSE via toggle switch as shown.

Note; position of the Pressure valve is not critical, but best to be OFF unless required.



Spraying, from main tank.

1. Set Tank Selection Valve (located on the drawbar) to MAIN TANK

The photo below shows correct valve positions.

2. Set the Fill ball valve to SPRAY
3. Set Pressure ball valve to SPRAY
4. Turn on (lift) AGITATORS MAIN TANK toggle switch. The sprayer is equipped with 2 agitators.



See the full manual for further information re Spray operations.



Flushing / Rinsing.

1. Set Tank Selection Valve (located on the drawbar) to FLUSH TANK.
2. Set MAIN TANK RINSE toggle to ON

See the full manual for further information re Flushing operations.



3. Open Drain (as required).

Notes:

The Pegasus 7000 will be delivered with the Pegasus (4000, 5000 & 6000) operators manual, part no. BT-POM000808. For details not covered by this quick start guide or the Pegasus Manual, please contact Technical Support.

NOTE

Contact Croplands Technical Support for further information:

1300 650 724

ALL PARTS INFORMATION is now listed on the Croplands website:

- Go to www.croplands.com.au
- Search in the Parts Information section linked to the home page.