

CURTIS **DYNA-FOG**[®] Ltd.

"Innovators of Spraying and Fogging Technology Since 1947"



Professional Vector Control Equipment

Vehicle-Mounted ULV Aerosol Applicators





MINI-PRO™ Model 2990

Engine: 8 HP Briggs & Stratton
Blower: 100 CFM (2.8m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Single High Output MultiMist,™ 360° Adjustable
Pumping Systems: Diaphragm 0-128 oz (3.8 l) / min, FMI 0-18 oz (532 ml) / min

Remote Control Features: Spray on/off, Machine on/off, Engine Start
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l)
Machine Weight (empty): 210 lbs (95 kg)

TYPHOON™ I Model 2984

Engine: 9 HP Briggs & Stratton
Blower: 200 CFM (5.6m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Single High Output MultiMist,™ 360° Adjustable
Pumping System: Diaphragm 0-128 oz (3.8 l) / min, FMI 0-18 oz (532 ml) / min, Gear 0-20 oz (600 ml) / min

Remote Control Features: Diaphragm / FMI: Spray on/off, Machine on/off, Engine Start
 Gear: Spray on/off, Flush on/off, Machine on/off, Engine Start, Automatic Choke, Variable Output, Digital Display of flow rate and vehicle speed
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l)
Machine Weight (empty): 297 lbs (135 kg)



TYPHOON™ II Model 2985



Engine: 11 HP Honda
Blower: 200 CFM (5.6m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Two High Output MultiMist,™ 360° Adjustable
Pumping System: Diaphragm 0-128 oz (3.8 l) / min, FMI 0-18 oz (532 ml) / min, Optional Pressurized Tank with flowmeter for export only

Remote Control Features: Diaphragm / FMI: Spray on/off, Machine on/off, Engine Start
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l)
Machine Weight (empty): 297 lbs (135 kg)

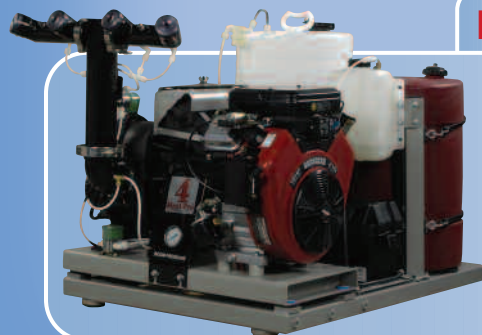
MAXI-PRO™ 1⁴⁵ Model 2748

Engine: 18 HP Briggs & Stratton, 21 HP Briggs & Stratton, 20 HP Honda
Blower: 400 CFM (11.2m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Single High Output MultiMist,™ 360° Adjustable
Pumping System: Diaphragm 0-128 oz (3.8 l) / min, FMI 0-18 oz (532 ml) / min, Gear 0-20 oz (600 ml) / min

Remote Control Features: Diaphragm/FMI: Spray on/off, Machine on/off, Engine Start
 Gear: Spray on/off, Flush on/off, Machine on/off, Engine Start, Automatic Choke, Variable Output, Digital Display of flow rate and vehicle speed
Tank Capacities: Formulation 15 gallon (57 l); Flush 1 US gallon (3.8 l), Fuel 12.5 gallon (47 l)
Machine Weight (empty): 426 lbs (193 kg)



MAXI-PRO™ 4 Model 2742



Engine: 18 HP Briggs & Stratton, 21 HP Briggs & Stratton, 20 HP Honda
Blower: 400 CFM (11.2m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Four High Output Microtec,™ 360° Adjustable Horizontal and Vertically
Pumping System: Gear 0-20 oz (600 ml) / min, Optional Pressurized Tank with flowmeter for export only

Remote Control Features: Gear: Spray on/off, Flush on/off, Machine on/off, Engine Start, Automatic Choke, Variable Output, Digital Display of flow rate and vehicle speed
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l), Fuel 12.5 gallon (47 l)
Machine Weight (empty): 426 lbs (193 kg)

MAXI-PRO™ 2D/2G Model 2745

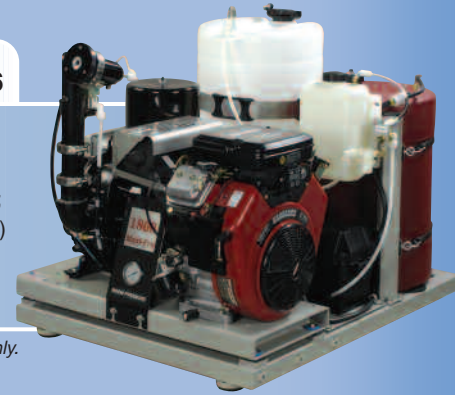
Engine: 18 HP Briggs & Stratton
Blower: 400 CFM (11.2m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Two High Output MultiMist,™ direction is via patented remote control, 180° Horizontal and 100° Vertically
Pumping System: Diaphragm 0-128 oz (3.8 l) / min Gear 0-20 oz (600 ml) / min

Remote Control Features: Diaphragm/FMI: Spray on/off, Machine on/off, Engine Start, Nozzle up/down/ left/right
Gear: Spray on/off, Flush on/off, Machine on/off, Engine Start, Automatic Choke, Variable Output, Digital Display of flow rate and vehicle speed, Nozzle up/down/left/right
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l), Fuel 12.5 gallon (47 l)
Machine Weight (empty): 456 lbs (206 kg)

MAXI-PRO™ 1800 Model 2746

Engine: 18 HP Briggs & Stratton
Blower: 200 CFM (11.2m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Single High Output MultiMist,™ 360° Adjustable
Pumping System: FMI 0-18 oz (532 ml) / min

Remote Control Features: FMI: Spray on/off, Machine on/off, Engine Start
Tank Capacities: Formulation 15 US gallon (57 l); Flush 1 US gallon (3.8 l), Fuel 12.5 US gallon (47 l)
Machine Weight (empty): 365 lbs (165 kg)



Export only.

MAXI-PRO™ 2P Model 2743

Engine: 18 HP Briggs & Stratton
Blower: 400 CFM (11.2m³/min) Rotary, Positive Displacement Direct Drive
Nozzle: Two High Output MultiMist,™ 360° Adjustable Horizontal and Vertically
Chemical System: Pressurized Tank with Flowmeter Control, Adjustable output 0-40 oz/min

Remote Control Features: Spray on/off, Engine Start
Tank Capacities: Formulation 10 US gallon (37.8 l) Stainless Steel; Flush 1 US gallon (3.8 l), Fuel 7.8 gallon (29.5 l)
Machine Weight (empty): 408 lbs (185 kg)



Export only.

DYNA-JET® Model L-30

Atomizer Type: High-speed rotary atomizer constructed of a safe high-density polyethylene (HDPE) material and precision balanced in 2-planes. (Atomizer dust cover and balanced spare atomizer assembly included).

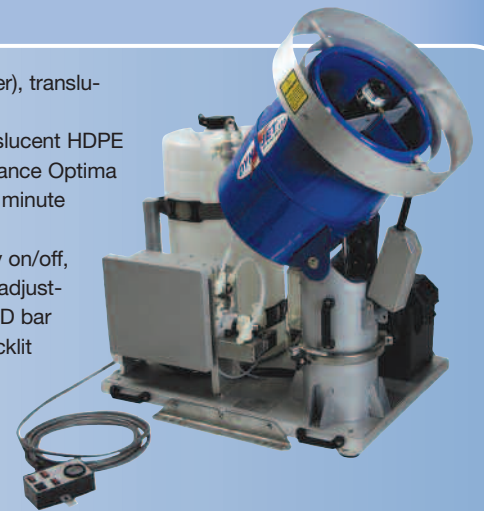
Atomizer Motor: 12 volt DC, brushless, high-speed shielded bearings.

Articulating Head: Power assisted adjustment via patented remote control of 55° (Vertical) and manually of 180° (Horizontal).

Blower Motor: High-output 1,350 cu. feet/minute (38.2 cu. meters/minute)

Pumping System: Positive displacement, FMI ceramic piston pump, stainless steel housing (0-20 oz/min, 0-591 ml/min), formulation anti-pulsing system (FAPS), tamper-resistant cover

Formulation Tank: 15 US gallon (57 Liter), translucent HDPE with lockable cap.
Flush Tank: 1 US gallon (3.8 Liter), translucent HDPE
Standard Battery: 12 volt high-performance Optima AGM Spiralcell Marine Deep Cycle, 120 minute reserve capacity.
Remote Control: Machine on/off, Spray on/off, formulation/flush selector, blower angle adjustment, digital battery meter with color LED bar graph, accumulative hour meter and backlight for night operations.
Machine Weight: 105 lbs. (47.6 kg) (empty)



Standard Features — All Typhoon™ and Maxi-Pro™ Series machines



Stainless Steel Valves



Liquid-Filled Pressure Gauge



**1 US Gallon
(3.87 l) Flush Tank**



Gasoline Filter



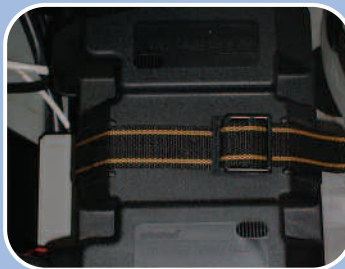
Lockable Formulation Cap



Positive Displacement Blower



**Digital Tachometer
and Hour Meter**



**Weather Proof
Battery Box**



Remote Control



Anti-Vibration Pads



Serviceable Formulation Filter



**Direct Drive
Transmission**



**Silencing Rotary Blower
Air Filter**

Standard Features — Maxi-Pro™ Series Machines



Gasoline Fuel Gauge



Engine Oil Filter



**12 US Gallon
(47 l) Gasoline Tank**



**15 US Gallon
(57 l) Formulation Tank**

Engine Choices

Briggs & Stratton Intek™ 8 HP



- Advanced overhead valve (OHV), 4 cycle
- Electric start
- Recoil pull start as a backup
- Heavy duty charging system and flywheel
- Super LO-Tone Muffler and Guard

Briggs & Stratton Vanguard™ 9 HP



- Advanced overhead valve (OHV), 4 cycle
- Electric start
- Recoil pull start as a backup
- Heavy duty charging system
- Oil Gard® low oil shut down
- Large capacity fuel tank

Honda 11 HP



- GX series, OHV, 4 cycle, electric start
- Recoil pull start as a backup
- Heavy duty charging system
- Oil-Alert System
- Steel gasoline tank
- Heavy Duty Dual Element Air Cleaner

Briggs & Stratton Vanguard™ 18 HP



- Advanced overhead valve (OHV), 4 cycle, twin cylinder, electric start
- Replaceable oil filter with low oil shutdown feature
- Heavy duty charging system
- Digital tachometer and hour meter
- Spark arrestor fitted to exhaust

Honda 20 HP V-Twin



- GX series, High Efficient OHV 90° V-Twin, 4 cycle, electric start
- Forced-Air Oil Cooler
- Twin-Barrel Carburetor
- Heavy Duty Dual Element Air Cleaner

Briggs & Stratton Vanguard™ 21 HP



- Advanced overhead valve (OHV), 4 cycle, twin cylinder, electric start
- Replaceable oil filter with low oil shutdown feature
- Heavy duty charging system
- Spark arrestor fitted to exhaust

Diesel Engines Available



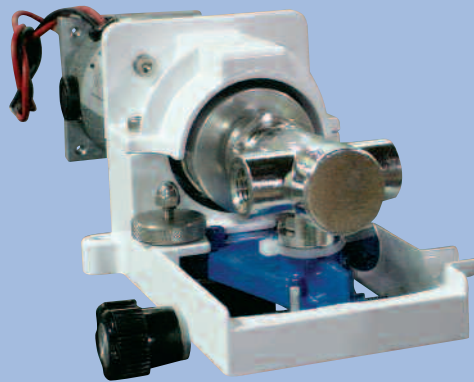
- Yanmar® Air-Cooled, Vertical Single-Cylinder 4-Stroke Engines
- Lombardini® Air-Cooled, Twin-Cylinder, 4-Stroke High-Output Engines

Pump Choices



Gear Pump

- Positive displacement
- Flow rates from 0-18 oz/min (0-532 ml/min)
- Stainless steel body
- Carbon-filled Gears
- Teflon seal, No rotary seals required
- Magnetically coupled to drive motor
(Provides a leak-free connection.)
- Vibration isolated mounts
- Variable speed
- Compatible with radar variable flow control



FMI Pump

- Positive displacement
- Flow rates from 0-18 oz/min (0 to 532 ml/min)
- No valves to clog, hang up or service.
- One moving part — piston.
- Accuracy of better than $\pm 1\%$ = drift-free operation.
- Precision dispensing and self-priming.
- Viscosity independent — unaffected by viscosity of fluids.
- Millions of maintenance free cycles.
- Inert and corrosion resistant fluid path, ceramic piston & carbon sleeve.
- Compatible with radar variable flow control

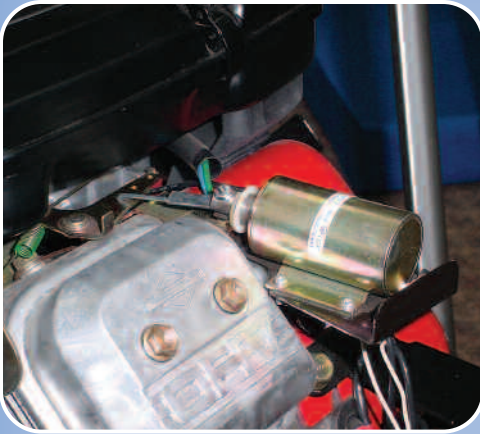


Diaphragm Pump

- Positive displacement — high volume
- Flow rates from 0-128 oz/min (0 to 3.8 l/min)
- Self-priming
- Dry running capable
- Heavy-duty ball bearings
- High torque permanent magnet motor
- Viton seals
- Vibration isolated
- High flow capabilities allow use for barrier and larvicide applications

VANGUARD and INTEK PRO are registered trademarks of Briggs & Stratton Corporation.
Yanmar is registered trademark of Yanmar America Corp.
Lombardini is registered trademark of Lombardini USA, Inc.

Options



Electronic Choke

Allows the operator to choke the engine automatically from the cab of the vehicle, by using a push button on the remote control.



Electronic Idle Back

This option uses an electronic solenoid that controls the engine's throttle via the formulation spray switch. When the formulation spray is turned on, the throttle is increased to its full operating capacity. When the formulation switch is turned off, the engine returns to idle speed, thus saving gasoline and engine wear.



Dyna-Trax™ GPS Spray Recording System

The Dyna-Trax™ Spray Recording System utilizes a powerful GPS system that can monitor formulation flow rate, vehicle speed, and the geographic area sprayed, helping drivers and directors achieve a more efficient chemical usage and reduce fuel and labor costs. This system also provides the user with unparalleled computerized reports that can reduce insurance premiums and your programs liability exposure.



Radar Syncroflow™

By using a radar sensor system, this option allows the formulation flow rate to be automatically increased or decreased proportionately with the vehicles speed.



Machine Cover

Heavy-duty, water-proof machine cover protects your investment against the elements. Custom fitted for all models of sprayers with machine logo.



Dyna-Fog® Sewer Kit

Attachment kit enables underground sewer lines to be treated for a multitude of different applications. Can be supplied with a 25' (7.6 m) or 50' (15.2 m) of heavy-duty hose. Fits all Typhoon and Maxi-Pro series machines. Remote spray head also available on some models.



CURTIS DYNA-FOG® Ltd.
Innovators of Spraying and Fogging Technology Since 1947

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