



equipment



Rooftop applications

Digital Hour meter and Tachometer

Unified Command "Joystick"

ULV Knapsack Power Nebuliser - 6L

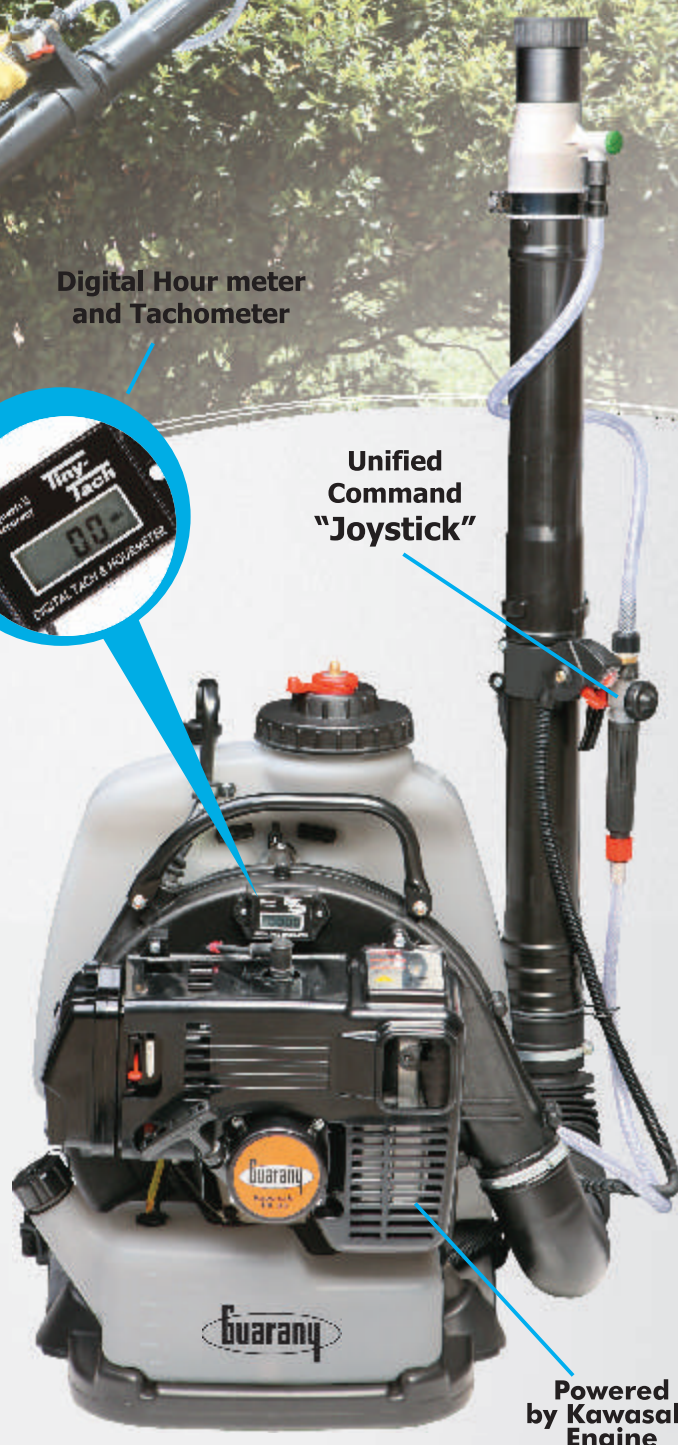
Fully compliant with international guidelines for prevention and control of epidemic dengue fever and malaria.

Innovative design delivers maximum efficiency in insecticide applications with total operator protection.

Designed for spatial type, cold insecticide atomized spray applications, with 80% of particles under 30 μm (microns), at flow rates of between 30 and 250 ml/min.

FULLY COMPLIANT

This sprayer is fully compliant with all the requirements of the WHO Vector Control Equipment Specification Guide (WHO/ HTM/ NTD/ WHOPES/ 2010.9/ rev. 10).



Illustrative photo

Powered by Kawasaki Engine

code: 401-70/1.59 gal - 6L

ULV Knapsack Power Nebuliser - 6L

1 - New Kawasaki Tk065D

Engine: compliant with the U.S. EPA Standard on emission of pollutants. High performance, with low fuel consumption.

2 - 6L (1.59 gal) Chemical Tank:

considered to be the ideal capacity for target application providing operators more comfort while at work.

3 - Agitation Control System:

allows 2 agitation levels (maximum/minimum) to ensure perfect product mix, even when using "wetable" powders.

4 - ULV Nozzle:

provides a better droplet spectrum and higher impact resistance. The mist has a DMV with 80 % of particles below 30 µm (microns). Supplied with 6 tips (colour coded and pre-set for a range of flow rates) to accurately apply product between 30 and 250 ml/min.

5 - Unified Command (Joystick):

all the main controls are at the operator's fingertips, including the new stopcock (open/close), which permits cleaning the filter while the tank is full, thus avoiding environmental contamination.

6 - 2L Fuel Tank:

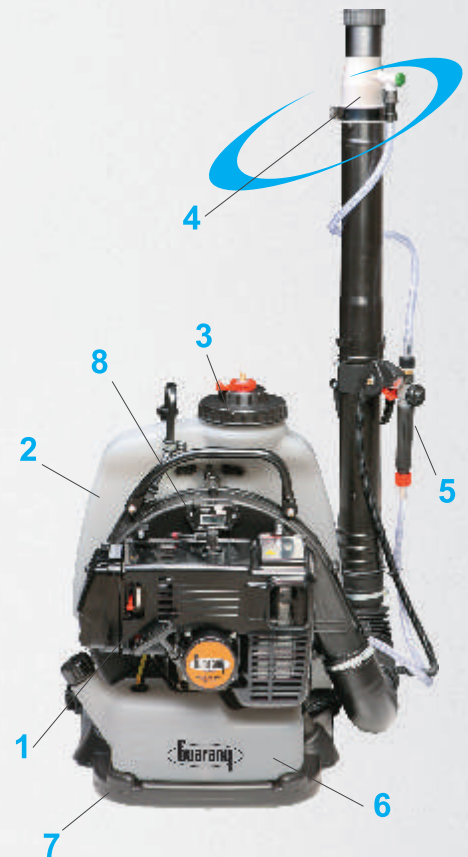
when fully filled, it runs up for approximately 2 hours. Underneath structure provides ease and safety during refuelling.

7 - Equipment Frame (chassis):

entirely made from oxidation-proof, engineering grade plastic, much lighter and tougher.

8 - Digital Hour meter and

Tachometer: provides better maintenance efficiency, allowing lifetime tracking and engine rev. control, through the log of hours worked.



Applications

Public Health: ideal for vector control and fighting endemic diseases such as: dengue, malaria, yellow fever, Chagas disease and schistosomiasis.

PCOS: pest control in schools, homes, factories, warehouses, parks, public buildings and elsewhere.

Agriculture: for all kinds of crops especially greenhouse as well as for use in poultry farms and stables.

Agro-Industry: grain storage protection, silos, warehouses, boats, containers, wagons, greenhouses and heavy vehicles in general.

The following accessories are supplied with the machine:

- Ear Protector
- Tool Kit
- Metering Tips
- Fuel mix Kit

Technical Specifications

Engine Kawasaki TK065D (E0)	2 Stroke	Chemical tank(capacity).....	6 L (1.59 gal)
Maximum Power (hp/kw).....	4.6/3.4	Fuel tank (capacity).....	2 L
Displacement	64.7 cc	Vertical spray reach	12 m
Rotation (minimum)	2600* rpm	Horizontal spray reach	18 m
Rotation (maximum).....	7300* rpm	Flow rate.....	between 30 and 250 ml/min.
Air speed (maximum).....	90 m/s*	Weight (empty).....	11.5 kg
Air volume (maximum).....	20 m ³ /min*	Weight full (product/fuel).....	19 kg
Ignition (system).....	Electronic	Packaging dimensions	500 x 400 x 590 mm
Fuel consumption	261g/hp/hour		

*Approximate values, which may change as a function of altitude and fuel quality.

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