# KPL-WEED Weedkiller Unit

DYNASET KPL-WEED Weedkiller Unit is using hot water for weed control without any chemicals. The unit can handle large areas efficiently with a weed control pipe. You can easily remove weeds from streets, parking lots, side walks, pathways, pavements, curbs etc. The weedkiller is equipped with a water heating unit which heats the water up to 102°C. The heated water droplets can be spread through either from a weed control pipe or roller onto weed surface. The hot 98°C water affects all the way to the plant roots for complete elimination.

High pressure water

**KPL-WEED WEEDKILLER UNIT**

## Key Benefits

KPL-WEED Weedkiller Unit is a unit that is used with a work machine like a compact loader, and it produces hot water to control weeds without chemicals.

* Weed control with hot water (98°C)
* Efficient weed control without chemicals
* Easy weed control for large areas
* Environmental friendly
* Continuous working time of 30 minutes with 18 l/min water flow
* Adjustable weed control pipe
* Inaccessible areas can be treated with a weed-control roller
* Accurate targeting of hot water
* 20m reach from the machine
* Easy to attach to machines

## Features

In addition to powerful weed control with hot water (98°C / 208°F) the KPL-WEED Weedkiller Unit has useful features.

* Water reservoir capacity 540 l (142.65 gal)
* Hydraulic High Pressure Water Pump
* Water output for weed control max 18 l/min (4.76 gpm)
* Water pump’s output max 30 l/min (7.92 gpm)
* Water pressure max 250 bar (3600 psi)
* Water filtration
* Water heating unit
* Heated water temperature up to 102°C
* Weed control water temperature over 98°C
* Heating power 110 kW
* Water heater fuel tank capacity 60 l (16 gal)
* Water heater’s fuel consumption 13.5 l / h (3.57 gph)
* Weed control pipe (width 500 mm / 19.69 inch)
* Weed control roller (width 400 mm / 15.75 inch)
* Hose reel
* Hose length 20 m (65 feet)

## Applications

* Streets
* Parking lots
* Side Walks
* Pavement
* Pathways,
* Curbs
* Public squares
* Bus stops
* Hard courts
* Tennis courts
* Airports and runways
* Ports and waterfront areas
* Industrial zones
* Parks
* Cemeteries
* Property maintenance

## How Does the Weedkiller Unit Work?

The DYNASET water pump on the weedkiller unit utilizes a carrier machine’s or vehicle’s hydraulic system as power source to produce water flow for weed control

1. Hydraulic oil flow is led to the water pump through the pressure line
2. The hydraulic high pressure water pump converts the hydraulic oil flow and pressure into water flow
3. The hydraulic oil is led back to carrier machine’s hydraulic oil tank through the return line
4. The water is heated with water heating unit up to 102°C
5. The heated water is led to either to a weed control pipe or roller which drop the 98°C water droplets onto weed surface
6. The hot 98°C water affect all the way to the plant roots for complete elimination