

# **CONTACT 2000**<sup>TM</sup>

## **WEED WIPERS - TOWED OR TRACTOR MOUNTED**

**Cost effective weed control to bring grassland back into full production**

**Ideal for: ▶ Rush ▶ Bracken ▶ Thistles ▶ Nettles ▶ Docks**

As well as - Ragwort - Himalayan Balsam - Japanese Knotweed - others, please ask

### **2017 RANGE**



Model Shown CTF250DSK

#### **TOWED MODELS**

CTF150 (1.5m single unit)  
CTF250 (2.5m single unit)  
CTF500 (5.0m 2 gang unit)  
CTF750 (7.5m 3 gang unit)

#### **TRACTOR MOUNTED MODELS**

CTM250T (2.5m single unit)  
CTM250P (2.5m single unit)  
CTM600W (6.0m Grassland unit)  
CTM600 (6.0m Arable unit)

The most advanced and efficient  
weed wiper system available with  
cost savings of up to 90%  
of conventional treatments.





# CONTACT 2000™ WEED WIPER

Intelligent design and robust construction makes the Logic Contact 2000 weed wiper a safe, environmentally responsible and cost effective method of controlling weeds such as nettle, thistle, rush, bracken, etc.

By applying chemical only to the tall target plants, leaving the grass (and most importantly any clover present) unaffected, Contact 2000 is able to deliver excellent results using only a fraction of the chemical required for conventional spraying of the same area.

With a standard single unit width of 2.5 metres, Contact 2000 can cover approximately 1 acre per hour for every 1mph of forward speed up to a recommended maximum forward speed of 7mph.

Where higher work rates are required or larger areas are to be treated, the 2.5 metre units can be used in 2 or 3 gang formations to cover up to 7.5 metres. These units used behind more powerful ATVs or larger off road vehicles cover up to 21 acres (8.5Ha) per hour on flat ground and up to 12 acres (4.8Ha) per hour on difficult terrain.

Wheels mounted inboard result in a minimum narrow overall width allowing for access through the smaller 10' gateways typical in upland areas.



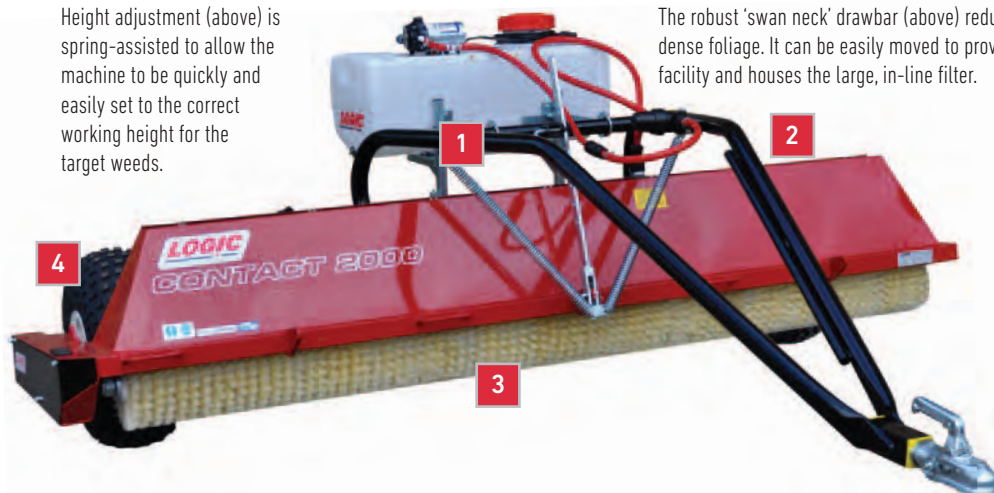
Height adjustment (above) is spring-assisted to allow the machine to be quickly and easily set to the correct working height for the target weeds.



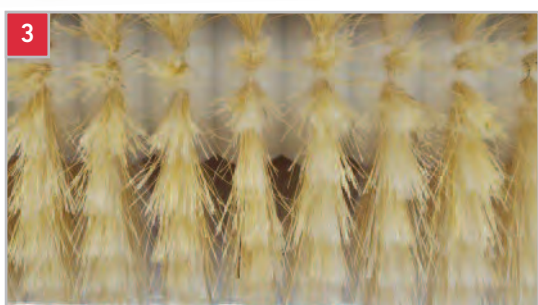
The robust 'swan neck' drawbar (above) reduces drag in dense foliage. It can be easily moved to provide an offset facility and houses the large, in-line filter.



Hands-free operation (above) without any complicated electrics or sensors. This easy to use control box allows the operator to select the required rate for the level of weed infestation being treated. An override button allows an instant increase in chemical should there be a dense patch of weeds in a sparse infestation.



The contra-rotating brush (below) is ground driven from the wheel using a segmented 'V' belt housed under a robust, protective cover. Low ground pressure tyres on bead-lock rims provide suspension and flotation on soft ground.



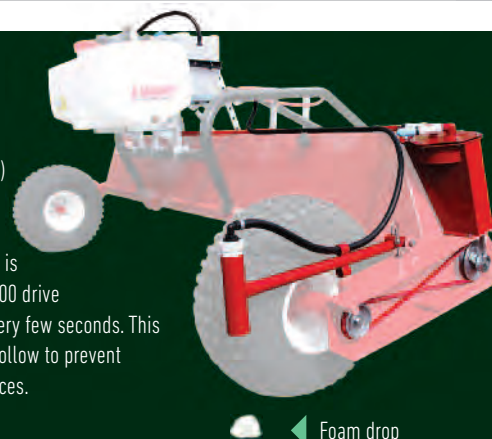
The unique nature of this Logic patented brush (left) is fundamental to the success of the system. It is a mixture of absorbent natural fibres and synthetic fibres in interlocking rings of bristles mounted on a central shaft with a slight gap between each of them to allow plants to 'comb' through, delivering a high dose of chemical in one pass.



## Chemical supply system

- ▶ CTF640S is a 60 litre tank and pump with 4.5 litre/min output, suitable for 1.5 metre and 2.5 metre Contact 2000 models and is part of the specification on DSK models.
- ▶ CTF907 is a drawbar mounting kit designed for the 60 litre tank (supplied with DSK models).
- ▶ 2 and 3 unit gang systems usually combine with larger sprayer tank and pump units from the OBS range eg. OBS135S or DMS390S, to allow more capacity for larger areas. This is dependent on what type and size of vehicle is being used.

LBM100 bout marker (right) is a very useful option especially where line of sight is obscured. This unit is driven from the Contact 2000 drive system and drops foam every few seconds. This makes an easy marker to follow to prevent overlapping or missing pieces.





## ▶ **RUSH CONTROL** for treatment right up to the first frost.



Rushes can be treated from April onwards, with best results before seeding. However, as demonstrated above, they can be treated right up to the first hard frost. In this case glyphosate was applied at a dilution rate of 20 : 1 on a dry day in October.



19 months later and the improvement in grazing output is tremendous. Any isolated areas or clumps still needing treatment are quickly and economically wiped out!



CTF750 gang system - up to 21 acres (8.5Ha) per hour can be achieved with a 7.5 metre operating width (above). Work rate dependent on forward speed, terrain and ground conditions. The units park behind each other to enable a transport towing width of 2.7 metres.

## ▶ **BRACKEN CONTROL** as long as there is sap in the plant.

Bracken can be treated early with glyphosate during vigorous growth with the benefit of safety (shown here). The operator can navigate obstacles/terrain that would be otherwise hidden when the bracken is at full stand later in the season.



Glyphosate applied at a dilution rate of 20 : 1 with a work rate of up to 7 acres (2.8Ha) per hour using this 2.5 metre wide model. Work rate dependent on forward speed, terrain and ground conditions.



12 months later - land is restored to valuable productivity, with grass and clover thriving and reduced risk of ticks, aiding animal health.

### Key Features

- ▶ The brush bristles 'combing' action provides an effective application in one pass.
- ▶ Rushes can be treated from April onwards, right up to the first frost.
- ▶ Bracken can be treated early, right up to full frond and beyond, as long as there is sap in the leaves.
- ▶ Cost savings are considerable.
- ▶ Operation can be carried out in windy or showery weather.
- ▶ The system is contained, accurate and safe.
- ▶ It is suitable for working close to watercourses and buffer zones.
- ▶ The 'swan neck' drawbar permits use in mature tussocks, often found in rushes.
- ▶ Flotation wheels provide the ability to work on soft ground and provide suspension on rough ground.
- ▶ Wiping with glyphosate can be carried out safely with animals grazing in the field at the same time.

## ▶ **NETTLE & THISTLE CONTROL**



Contact 2000 is perfect for treating nettles and thistles (left). Using a good quality selective herbicide at a 20:1 mix and setting the controller application according to weed density will ensure a brilliant kill rate whilst saving valuable clover and grass. This will also ensure that the minimal amount of chemical is used. It is beneficial to graze the grass hard before treatment to create maximum height difference between the weeds and grass. Treatment periods start in April and continue as long as the weeds are growing, including after topping.

The design of the brush allows successful treatment on slopes without the danger of run-off, which is common in some carpet type systems.



# CONTACT 2000™

# CTM TRACTOR MOUNTED MODELS

These Contact 2000 models are designed for customers who prefer to use a tractor for weed wiping, with all tractor mounted models utilising the tractor's hydraulics. The CTM600W and CTM600 6 metre units are Logic's flagship tractor mounted models - the most advanced and efficient weed wiping system available. The 2.5 metre model can be fitted to either the front or rear three point linkage. Alternatively an existing hydraulic power arm can be utilised with the additional fitment of the universal hedge cutter interface bracket. All tractor mounted models retain all the other unique and long established features and benefits of the Contact 2000 weed wiper system.

**CTM600W 6.0m Grassland model working width, hydraulic folding to 2.5m for transport. Work rates of 5Ha per hour achievable (depending on forward speed and ground conditions).**



**CTM600 6.0m Arable model, fully suspended for row-crop work to enable the treatment of weed beet, volunteer rape, fat hen in vegetable crops, volunteer potatoes in carrots, etc.**



Any target weed growing above the host crop can be treated with glyphosate or selective chemical. The combing action of the contra-rotating brush transfers chemical onto the underside of the leaf and stem of the plant where it is more readily absorbed, achieving an excellent kill rate.

A typical situation (right) where volunteers in sugar beet can be easily controlled.



CTM250TSK in a conventional setup.

The CTM250T model has a three point linkage interface bracket which can be bolted facing front or rear depending on the required fitment to a tractor. A complete 12v wiring harness and control box is supplied on all models together with a chemical supply system - various tank sizes are available as well as an optional bout marker - see page 2 for further details.



The brush on all tractor mounted models is driven by the hydraulic motor which is easily adjusted using a simple flow control, allowing the operator to set the optimum rotational speed.



Positioning the supplied control box in the cab close to the driver allows any adjustments to chemical flow rate to be carried out whilst on the move.



CTM250P on a hydraulic power arm mounting for unlimited applications.

The use of the Contact 2000 fitted to the hydraulic power arm of a hedge cutter opens up endless possibilities for weed wiping. Weeds can be controlled in otherwise out of reach areas such as roadside, waterside and railway embankments although the machine is equally at home carrying out regular weed wiping duties in everyday situations.

For any farming or contracting customers already owning a hedge cutter, this option gives access to a highly specialised machine with minimum outlay.



Alternative set up on a front mounting linkage.

The interface bracket allows mounting on a tractor front linkage (left) for excellent visibility in often difficult terrain. Alternatively the bracket will permit mounting in a reverse mode for rear facing work on tractors with a bi-directional reverse drive facility, which is a lot safer when tackling steep slopes.

## Other associated products



LMF 570TA Tandem Axle Feeder



LMF 570 Livestock Feeder



SST Livestock Trailers



LBT Tipping Bale Trailer

### 1 LOGIC: North & Export

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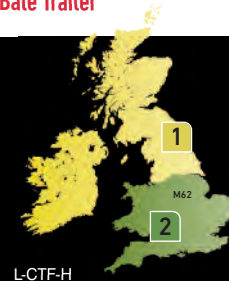
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### 2 LOGIC: South

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