

WASTE + WATER MANAGEMENT AUSTRALIA

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Tarp  **matic**
The Worlds Best Cover Up...

Tarpomatic®

The Worlds Best Cover Up...



Leading the Way in

Alternate Daily Cover

Faced with ever-increasing operating costs and, in many instances, rapidly diminishing airspace, landfill owners and operators throughout Australia are looking for ways to improve efficiency and productivity, reduce costs, and maximise the use of their available airspace.

With that in mind, an ever-increasing number of landfills are now looking to Alternate Daily Cover (ADC) systems to overcome these issues.

Tarpomatic has been leading the way in Alternate Daily Cover systems and changing the face of landfills across Australia and around the world for over 15 years. And with over 600 successful installations globally, the Tarpomatic Automatic Tarping Machine (ATM) delivers proven long-term performance and savings, and has won multiple awards around the world.

One of the most innovative Alternate Daily Cover systems for landfills on the

market today, Tarpomatic delivers a range of cost saving and environmental benefits – eliminating the need for expensive and time consuming soil-based cover, and helping landfill owners and operators to make the most of their valuable airspace.

Throughout Australia, traditional landfill operations use a minimum average of 150mm of soil or other material to cover the landfill tipping face each day – using over a metre of valuable airspace each week. In addition, many states also have a substantial levy for imported soil being brought into a landfill site for use as daily cover – resulting in a significant additional cost.

Combine these costs, with other costs such as fuel, labour and machine hours required to excavate, transport, stockpile and place the daily cover material, and it's easy to see just how much of a cost traditional daily cover can represent for landfill owners and operators.



Integrated Deodorising System

The Tarpomatic ATM is also available with an optional deodorising system which helps to neutralise odours when retrieving the Tarps.



Quick & Easy Spool Change

The Tarpomatic tarp spools can be connected and disconnected quickly and easily, enabling a single ATM to be used to link a series of tarps together to cover or uncover the landfill's tipping face – providing limitless coverage.



(ADC) Systems

The Tarpomatic ATM provides a proven, reliable, efficient and highly cost-effective alternative to traditional daily soil cover.

The Tarpomatic ATM is a patented self-contained unit that attaches to the front of a landfill compactor or dozer, providing the operator with the ability to deploy and retrieve heavy duty, flame retardant tarpaulins over the tipping face on a daily basis. The Tarpomatic uses a hydraulic drive motor and engaging system – powered by the unit's fully-enclosed diesel engine – to unwind and rewind the tarp spool with variable speed control.

Each Tarpomatic ATM is custom fitted to suit the blade of the specific compactor or dozer being used – ensuring quick and easy attachment and removal from the equipment.

The tarps are placed over the active or daily cells on the tip face to cover the waste delivered that day, eliminating the need

for costly and time-consuming daily soil cover to be applied.

Typically installed at the end of the day's operation and recovered at the start of the next day, deployment of the tarps takes approximately 15 minutes – a significant time saving when compared to the time taken to place and spread daily soil cover; which usually takes 3 people, using three machines, an average of three and half hours to complete.

When it's time to retrieve that tarp and expose the tipping face, the process is simply reversed, with the tarps wound back onto the spools ready for use at the end of the day. Retrieval of the tarps is also quick and easy – taking approximately 10 minutes to complete.

Each tarpaulin covers an area of 234 square metres and each spool holds 3 tarps – giving a total coverage of 700m² per spool.

Out of the Way

Recognising that space is often at a premium at landfills, the Tarpomatic ATM has been specifically designed to take up as little room as possible when not in use. Its fully self-contained design and compact 'footprint' – make it easy to store out of the way when not in use during the day. Even when stored with multiple tarp spools, the Tarpomatic ATM takes up very little room



In Cabin Remote Control

For added operator safety, the Tarpomatic system incorporates an 'in-cabin' wireless remote control unit, which provides the operator with complete control of the ATM's engine, the height of the spool, and forward or reverse rolling. This, combined with the equipment's own capabilities, provide the operator with complete control over the ATM's height and tilt for even tracking when winding or unwinding a tarp over uneven terrain.



Spools are interchangeable and therefore, the amount of coverage is limitless.

Each tarp has over 150 metres of heavy duty chain sewn into it along the edges and across at intervals to provide ballast to hold the tarp in position in windy conditions.

For further information, please contact Superior Environmental Solutions, Ph: **1300 TARPED (827733)**, Email: **sales@tarpomatic.com.au** or visit the website: **www.tarpomatic.com.au**

The **Tarpomatic®**

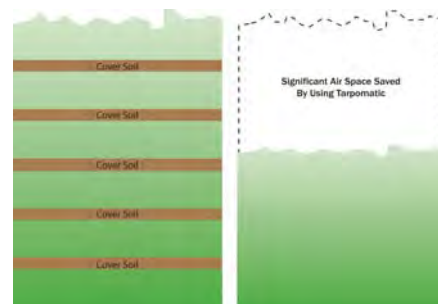
The Worlds Best Cover Up...

TOP 10

10 Reasons to Change the Way you think About Daily Soil Cover

1 ... Airspace

In landfills, airspace equals money; and in an economy where landfill space is becoming rarer and landfill disposal charges are on the increase, making the most out of the available airspace is of the utmost importance. With the common use of 150mm of soil each day, most landfill operators are



losing more than 1 metre of valuable airspace each week to daily cover material. For a landfill with a daily work face of around 500m², this equates to a staggering 500 cubic metres of airspace wasted each week!

2 ... Revenues & Cost

The most interesting part of this wasted air space is the cost. Not only is this airspace not generating revenue, it is also costing money to fill. What's more, in landfills where the daily cover has to be shipped to the site (especially those in states with an additional levy for 'imported' cover material) this cost is horrendous. If you multiply your average

gate rate by your daily workforce, it soon becomes clear just how much the Tarpomastic ATM can save you.

As an example, and landfill with a daily workforce of 500m², multiplied by the average gate rate of \$150 per cubic metre, would save some \$75,000 per week!

3 ... Speed & Productivity

Deployment and retrieval of Tarpomastic tarps is significantly faster and more efficient than daily soil cover.

In fact, on average it takes approximately 15 minutes to deploy Tarpomastic tarps across the tipping face – a significant time saving when compared to the time taken to place and spread daily soil cover which can

often take 3 people, using three machines, an average of three and half work hours to complete.

Retrieval of the tarps is also is quick and easy – taking approximately 10 minutes to complete.



Fuel Savings 4

Machine hours cost money – and lots of it!

The speed and ease with which Tarpomastic tarps can be deployed and retrieved – by one person, using one

machine – delivers significant fuel and machine hour savings when compared to traditional daily soil cover operations.



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Odours 5

Odour issues can be a real problem for landfills. Bad odours from the tipping face are unpleasant for all - and a major source of complaints from people living in the vicinity. As well as significantly reducing the time that

the tipping face is exposed at the end of each day, the Tarpomatic ATM's fully-integrated deodorising system helps to neutralise odours when deploying or retrieving the Tarps - significantly reducing odours, and the impact of your landfill on the surrounding environment.

6 Dust

Issues relating to dust from nearby landfill operations are consistently one of the top reasons for complaints from neighbouring businesses and residents. Traditional daily soil cover is one of the main causes of dust.

The Tarpomatic Alternate Daily Cover

System eliminates the need to collect, stockpile, transport, place or spread daily soil cover - reducing costs, improving productivity and, most importantly, eliminating the associated dust problem!



Leachate 7

Tarpomatic heavy duty waterproof tarps help to improve run-off and minimise leachate across the covered area.

Landfill Gas 8

By reducing the number of daily soil cover layers in the landfill cell, Tarpomatic will significantly increase the efficiency of landfill gas collection from the finished cells.

9 Longevity

Tarpomatic tarps are manufactured from an extra high-strength polyethylene fabric featuring a flame retardant and UV-protective coating to ensure a longer life-span for the tarpaulins. The tarps also incorporate

a special easy-clean anti-bacterial coating to minimise contamination and assist with cleaning and maintenance.

10 Coverage

Designed with a focus on providing landfills with maximum flexibility, each Tarpomatic tarp covers an area of 234 square metres, with each spool holding up to three tarps - providing a total coverage

of 700m² per spool. Tarp spools can be connected and disconnected quickly and easily, enabling a single ATM to be used to link a series of tarps together across the landfill's tipping face - the amount of coverage is limitless.



HOW MUCH WOULD YOU PAY FOR THIS?



If you're a landfill owner or operator, the answer is probably **more than you think!**

Using soil or other daily cover not only uses a lot of airspace, it's time-consuming and expensive. Collecting and stockpiling the material, transporting it to the tipping face, spreading it, compacting it - and that's if you're lucky enough to have the material available on your own site. For many operators, they also have to transport it from a separate site and bring it in over their weighbridge - attracting even greater costs!

THERE IS A BETTER WAY - TARPOMATIC

- **Cover your daily work face for around 5c per m²**
- **One machine to cover the work face daily**
- **Increased methane collection when cell is closed over**
- **Don't waste air space with expensive soil cover**
- **Save more than 1 metre of air space each week**
- **Optional deodorising system**

DON'T WASTE YOUR AIRSPACE - TURN IT INTO REVENUE

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LEASING AND RENTAL OPTIONS AVAILABLE!