

**More water equals  
more milk**

**DeLaval water troughs**





Milk comprises almost 90 percent water, so it's not surprising that a cow's water intake has a major impact on her milk production. The equation is simple: when you provide enough water, cows drink more, and eat more and produce more milk.

#### **Increased water intake improves milk production**

It might sound straightforward, but the amounts of water involved are significant. For example, one kilo of dry matter intake utilises up to five litres of water. In fact, cows need at least three litres of water to produce a single litre of milk. This means that high-yielding cows need more than 150 litres of water every day. Satisfying this need is, therefore, a crucial task for every dairy farmer.

#### **Make drinking easy and convenient**

Cows drink fast – up to 20 litres per minute. If they can't, their water intake may fall off and their milk yield could suffer. For example, a 40 percent reduction in water intake can cut milk production by 25 percent.

Cows like to drink when they eat and just after milking. They also prefer a large, calm drinking surface from which they can drink quickly and without stress. Furthermore, such natural drinking behaviour promotes further eating and even more drinking. And this results in healthier cows and higher milk yields.

There is a cost-efficient way to increase milk output. A way that is often

overlooked: optimising water supply. Cows like to drink at certain times of the day, they are fussy drinkers.

#### **We understand your cows' needs**

DeLaval water supply products meet your cows' physiological and social drinking requirements. Our water troughs provide easy, convenient access to water, in feedpads, loose-housing and pasture. Cows can drink as much as they want and as quickly as they want without having to wait.

The water they drink should be fresh, clean and good-tasting. DeLaval water troughs minimise microbial growth and hinder dirt pollution. This also makes them very easy to keep clean, so you save valuable time.

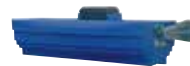
Our durable, well-proven water troughs promote years of reliable, trouble-free operation that you'll appreciate as much as your cows will.

At DeLaval, we have the experience to help you plan your farm so that all your cows, even the less dominant, get to drink as often and as much as they want.



Hygiene, capacity and accessibility are critical factors when supplying water in a loose-housing environment. We use UV resistant polyethylene in our hygienic, impact-resistant and durable water troughs, together with high capacity water valves. The

cow-friendly design of the water troughs provide easy access to promote comfortable and undisturbed drinking. The troughs can be wall or floor mounted to match a variety of different situations.



Tip tanks

	T80	T80XL	T400
Material	UV resistant polyethylene	UV resistant polyethylene	UV resistant polyethylene
Dimensions (w×l×h)	61×147×61 cm	61×236×61 cm	62×215×46 cm
Weight	45.4 kg	63.5 kg	73.5 kg
Drinking height	53 cm	53 cm	82 cm
Capacity (approx)	80 litres	152 litres	265 litres
Maximum usage	40 dairy 75 beef	70 dairy 135 beef	80 dairy 150 beef
Water pipe	1/2 in	1/2 in	3/8 in
Installation	Floor/wall mounted	Floor/wall mounted	Floor/wall mounted
Heating element	–	–	–
Application	Loose housing	Loose housing	Loose housing



**DeLaval Pty Ltd**  
1 Global Drive, Westmeadows  
VIC 3049, Australia  
PO Box 1410, Tullamarine,  
VIC 3043, Australia  
Tel: +61 3 8336 7977  
[www.delaval.com.au](http://www.delaval.com.au)

**DeLaval Ltd**  
307 Sandwich Road  
PO Box 10-241  
Hamilton, 3241  
New Zealand  
Tel: +64 7 849 6020  
[www.delaval.co.nz](http://www.delaval.co.nz)

**Your DeLaval dealer**



## Are your cows getting enough water?

Lactating cows should be close to a supply of water, especially during periods of heat stress or low temperatures when surfaces can become frozen. During conditions such as these, try to place a clean supply of water near shaded or otherwise cooled resting areas, and on slopes that do not become slippery when cold.

There must always be enough water troughs per group of animals, so that even low-ranking cows have good opportunities to drink.

Cows tend to consume most water directly after milking, so it's a good idea to make water available in the return lane from the parlour, or by the exit from a robotic milking system.

Like people, cows prefer to eat, then drink, eat, then drink and so on. Water troughs should be easily accessible, preferably within 15 metres of the feed table. Farmers who ensure a plentiful supply of clean water can provide an excellent environment in their barns for their cows.

At DeLaval, we have experience and competence in water supply, plus a full range of solutions. Consequently,

we can help plan and configure water supplies so that all your cows – including the less dominant – get access to as much water as they want, as often as they want.

But nobody knows your farm like you do. Every farm is unique. You know your cows and the best way to milk them. Talk to us and we will provide the solution you need. Your solution – every day.

