MORRIS
Cool Ideas For A Thermal World

DTM® PreCHILLER with FLOW CONTROL™

The Morris DTM pre-chiller provides consistent temperature, moisture and yield through its patented flow control system. FlowControl ensures birds travel at a consistent rate, and are massaged and tumbled equally during their residence time.

Deep Tissue Massage
Higher level of product compression and release provides a much higher degree of massage to a larger number of birds.

Removal of the bird's thermal boundary layer is expedited for more uniform cooling.

More bird to bird scrubbing enhances washing.

Patented* SoftLift® Unloader
Birds are gently lifted out of the chiller, reducing pressure during unloading.

Patented* FlowControl™
Serpentine flow of water and birds, combined with reinforced steel foils and stanchions strategically placed according to bird size and desired yield, ensures that birds cannot travel through the tank undisturbed.

Result: bird to bird uniformity in washing, temperature, biocide exposure and yield retention.

Robust Design
Heavy duty drive, bearings and tank handle the DTM's higher product compression and release action.

Main drive bearing constructed of high-wear composite material for years of trouble-free operation.

Process Flexibility
Variable speed rocker arm and unloader enable easy configuration of retention time and moisture pick up.

Surge capacity enables continuous production through minor downstream delays.

Optional propulsion pump assists bird forward flow in long units and reduces emptying time at the end of the day.

Retrofit Available
The Morris HMR pre-chiller can be updated in the field to a DTM. Contact our Customer Service team at uptime@morris-associates.com or +1.919.582.9203 to explore your options.

24/7 Service & Parts Support
Contact a live Morris representative around the clock for field service or

1.919.582.9200
www.MorrisThermal.com

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DTM® PreCHILLER

SoftLift unloader

DTM FlowControl system

FlowControl in action

Heavy duty drive assembly

Stanchions in action

Specifications

Model	Water Capacity Gal/ft [m^3/m]	Dimensions ft. [m]		Motor HP		Approx. Shipping Weight lb/ft [kg/m]
		W	H	Main Drive	Unloader Drive	
DTM-8W	150 [1.86]	8'7" [2.62]	8'5" [2.57]	7.5	1.5	370 [550]
DTM-10W	236 [2.93]	10'7" [3.23]	10'8" [3.26]	10	1.5	530 [790]

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**For patent information, see morris-associates.com/innovations*

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