



# AUTOMATER<sup>®</sup> HT

Yard Switch Machine

## Description

The AUTOMATER<sup>®</sup> HT combines the fully trailable 22 stand with a solar or AC powered electro-hydraulic drive to form a versatile and compact locally controlled yard switch machine. For remote operation, the system can interface with third party controls.

The hydraulic actuator allows for soft closure, without slamming the switch points into the stock rail. This feature reduces vibration and the associated loosening of switch components.

The base of the unit is a rigid weldment housing modular components. There is a heavy gauge cover that can be opened for service by authorized personnel, and a lockable safety switch can disconnect power from the motor for servicing.



## Description (Continued)

HT stands for Hand Throw, since the manual fallback mechanism is a robust mechanical hand throw lever. This means that if problems develop with communications or power systems, or even if the hydraulic actuator, hoses and motor are completely removed from the machine, the Automater HT can still be operated in manual mode in the same way as a traditional dual control switch machine. Setting the selector lever from POWER mode to HAND mode mechanically disengages the power drive from the switch points, giving the operator control of the points through movement of the hand throw lever. This allows for trouble free manual operation of the switch in a manner familiar to train crews and consistent with existing operating instructions, and avoids the requirement for maintenance forces to be called out on overtime for repairs.

The AUTOMATER HT will provide many years of trouble free service under the most severe operating conditions.

## TECHNICAL CHARACTERISTICS

### Weight & Dimensions

Weight	Length	Width	Height
950 lbs	52"	44"	22"

### Hydraulic Power & Operating Pressure

Power	Operating Pressure
12 VDC motor/pump/reservoir (Equipped for Dual Control Manual operation)	Max. 3000 psi (20.684 MPa)

### Operating Temperature

Fahrenheit	Celsius
-20°F - 130°F	-29°C - 54°C

### Electrical & Options

Battery Power	Options
12 VDC	110 VAC Attached solar panel

### Throw Cycle Time, Force & Length

Throw Cycle Time (Seconds)	Throw Force	Throw Length (Inches)
Less than 1.5	Maximum 1750 lbs	4.5 - 5.5

### Holding Power & Speed for Trailing

Holding Power	Speed for Trailing
Spring Force 4100 lbs, 1600 lbs at 1/4" opening	Max. 20 mph

Thank you very much for your interest. Please visit our web site or contact a Nortrak sales professional if you have any questions or if you need assistance.

Automater HT  
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