



# AUTOMATER<sup>®</sup> HP

Yard Switch Machine

## Description

The AUTOMATER<sup>®</sup> HP 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)

When the switch is trailed, the integrated 22 stand will force the switch points against the stock rail of the trailed route, and the stand target will rotate, indicating the new position of the points. If a problem develops with the power drive, a separate lockable compartment allows access to a hand operated pump that can be used to move the points in either direction.

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

## TECHNICAL CHARACTERISTICS

### Weight & Dimensions

Weight	Length	Width	Height
750 lbs	47"	40"	22"

### Hydraulic Power & Operating Pressure

Power	Operating Pressure
12 VDC motor/pump/reservoir (Heavy-duty hand pump back-up)	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 Solar Power Source

### 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 HP  
29 Jul 2019