

GE Transportation

Hundreds of cars. Hundreds of destinations. Hundreds of connections. Your key to optimum freight movement with the most efficient use of labor is the versatile 3000LP Hydra-Switch machine from GE - Transportation.

Hydraulically operated and automatic, the 3000LP accommodates all applications requiring manual or electrical yard switch machines.

The rugged 3000LP Hydra-Switch is trailable, with self-adjusting throw length. Its self-diagnostics simplify troubleshooting to minimize routine scheduled maintenance and reduce your cost of ownership.

Self-contained integral parts reduce the potential for operator injury as well as protect internal parts from weather. Operating on its optional solar-powered system, this switch machine installs quickly with no need to provide or bury 120 VAC power.

With far-ranging options for remote radio control and automation (see reverse), the 3000LP Hydra-Switch is a switch for the better—and a switch for the smarter.

3000LP Hydra-Switch



From touch-button ease to turnkey network operation

The 3000LP Hydra-Switch can make any yard more productive with its versatility and ease of operation.

At its most basic, the 3000LP performs with hydraulic pump/cylinder actuated switch mechanism, operator controlled with pushbutton ease.

Optional configurations for local and remote radio control increase automation for additional productivity and worker safety. Distributed and/or centralized yard switch operation though RF control improves throughput.

A VHF/UHF handheld radio interface uses standard DTMF encoder/decoder tones. Voice chips are provided for up to three different messages which are field programmable.

Upgrading to 2.4 GHz spread spectrum radio control allows yard to be set up as a complete control network. Distributed yard panel operation with intuitive user interface can be provided with custom designed zone panels. Switching can be done at any of these distributed panels. Or operation can be integrated into completely centralized control, with a single dispatching operator accessing every yard switch.

The expandable versatility of the 3000LP Hydra-Switch yard system enables you to upgrade to full radio control at your own pace, adding automation to facilitate additional yard movement or to meet your own projections for increased yard profitability.

Specifications

Electrical

12 VDC battery power
Options:
120 VAC
Solar power source

Battery

100 amp hour, absorbed glass mat

Operating Temperature

Minimum: -40°C
Maximum: +70°C

Force at Closure

2,722 kg

Throw Length

(self-adjusting)
120 to 165 mm

Throw Time

2.0 seconds average

Maximum Hydraulic

Pressure

74.8 bar

Reservoir Capacity

1.8 liters

Hydraulic Fluid

Exxon J-13 or equivalent

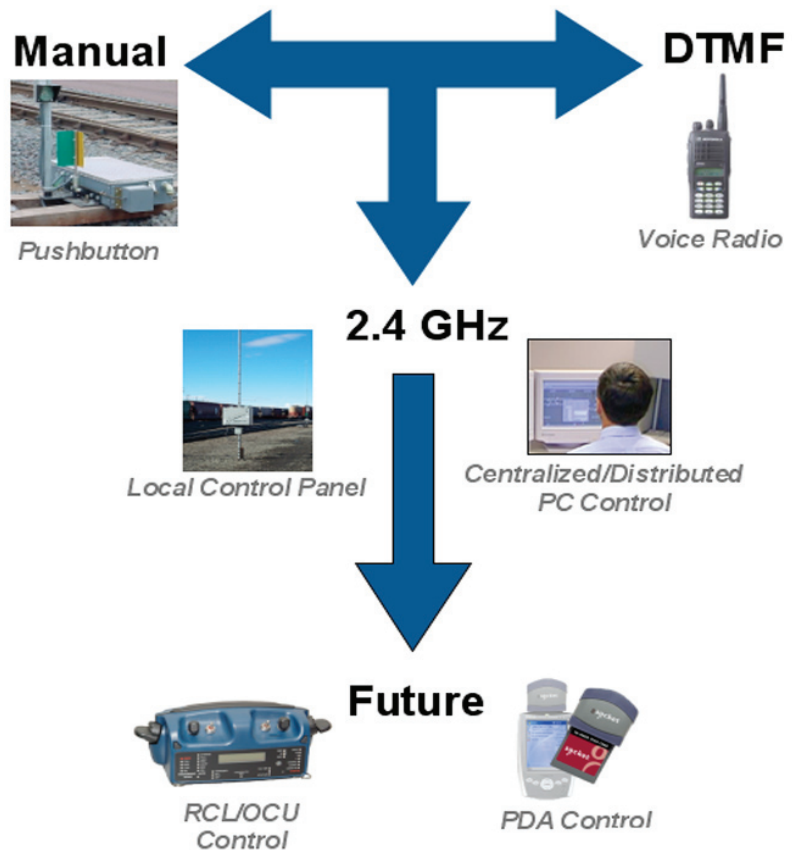
Dimesions

Height: 241 mm
Length: 1270 mm
Width: 559 mm

Weight

372 kg

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GE imagination at work