

YM-16

ELECTRICAL HYDRAULIC SWITCH MACHINE

The YM-16 switch machine is the new industry standard for power switch machines in rail yards.

The YM-16 is an electric over hydraulic switch machine with a unique patented actuation and holding force design for smooth operation with any size switch point. It is designed to be a direct replacement for hand throw or power switches for any yard. For added safety, this trailable machine can be run through up to 30 mph without any damage.

The YM-16 is ideal for all yards and industrial turnouts:

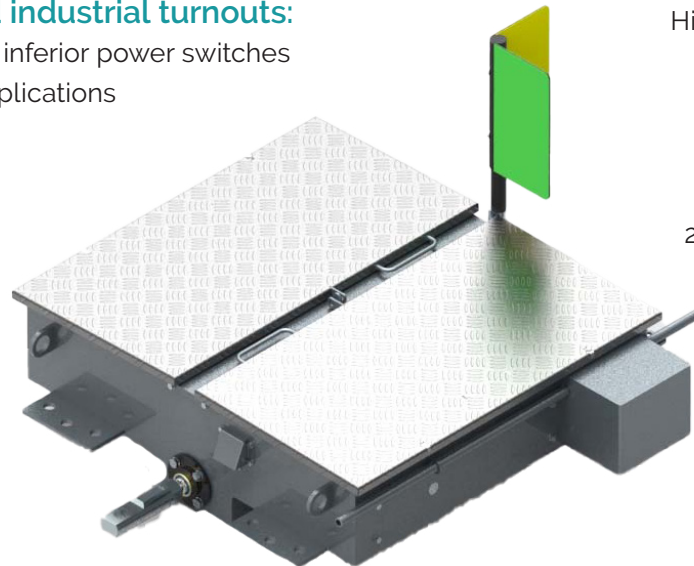
- ▶ Direct Replacement for hand throw or inferior power switches
- ▶ Single switch or complete terminal applications
- ▶ Can control derail/blue flag switches

Features

- ▶ Under 1.5 second throw speed
- ▶ Trailable up to 48 kph
- ▶ Minimal maintenance
- ▶ Multiple control methods

Benefits

- ▶ Enhanced safety
- ▶ Increased yard through-put
- ▶ Reduction in maintenance costs



Simple Design



High Throw Force



20+ year design life



Customisable applications



Recyclable steel components



Low life cycle cost



First-Class support



Affordable solar charging applications

YM-16 Technical Specifications

Dimensions/Properties

Width [cm]	100.3 cm
Height [cm]	22.2 cm
Length [cm]	110.5 cm
Throw Length [mm]	76-152 mm
Power voltage Options	Solar charging, 120/220V battery charger, 115/230 AC No battery
Spring Holding Force	1,600 Lbf (7.1 KN)
Throw Time	1.2 seconds
Throw force	4,500 Lbf (19.8 KN)
Temperature Range	-40 C - 85 C
Control Voltage	12-24 VDC
Switch Point Detection	Inductive proximity sensors, PNP-NO-12VDC Output-3 wires, 9-30VDC-Option SIL2
Switch Control Methods	Remote-cable or data & VHF Radio, Local-push button, Manual-hand pump