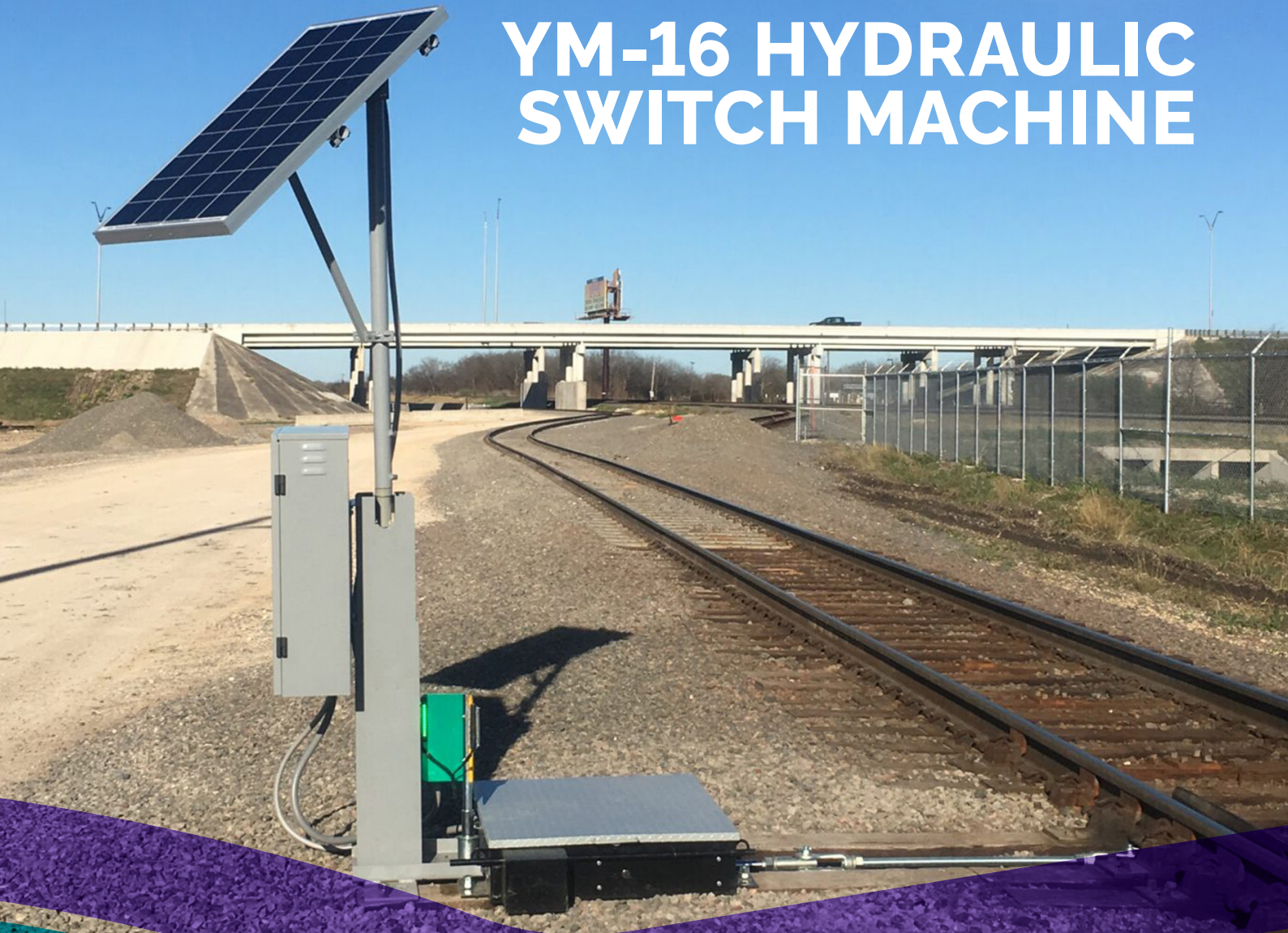




YM-16 HYDRAULIC SWITCH MACHINE



**Salix is the exclusive
Australian supplier of the
YM-16 Hydraulic Switch Machine.**

The YM-16 is a Dual Tone Multi Frequency (DTMF) controlled unit, designed specifically for rail yards and depot operations.

It offers robust low-maintenance performance with complete compatibility for local and remote control of turnouts and derailleurs, ensuring operational safety and efficiency in all conditions.

YM-16 ELECTRICAL HYDRAULIC SWITCH MACHINE

The YM-16 is an electric-over-hydraulic switch machine featuring a unique patented actuation and holding-force design that delivers smooth reliable switching operation with any size switch point.

It is engineered as a direct replacement for hand-throw or powered yard switches and can safely be trailed through at speeds up to 48 km/h without damage.

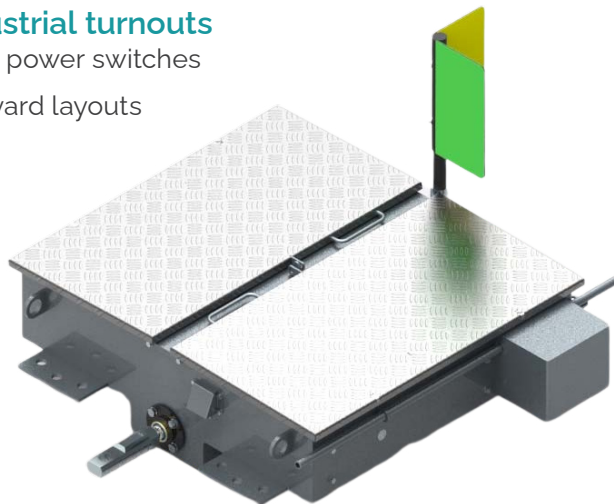
Designed for rail yards and industrial turnouts, the YM-16 provides a robust, low-maintenance solution with configurable control options and a 20-year design life.

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

- Direct Replacement for hand throw or inferior power switches
- Suitable for standalone turnouts or complex yard layouts
- Compatible with derail control systems

Features

- Fully adjustable throw speed
- Inductive proximity detection (PNP-NO 12 V DC output, SIL-2 optional)
- Trailable up to 48 km/h
- Signal lights and indicator flags for switch position status
- Multiple remote and local control methods
- Aircraft grade biodegradable hydraulic oil
- Hydraulic release valve for smooth run through operation available
- Axle-counter interlocking prevents operation when a vehicle occupies the turnout
- Battery operated (12 V DC) with solar or AC charging options

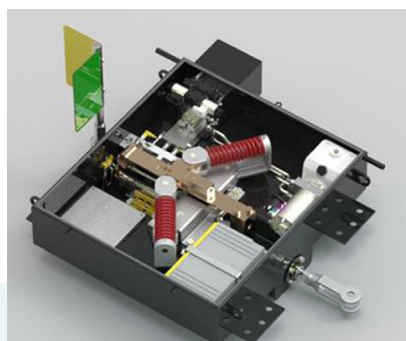
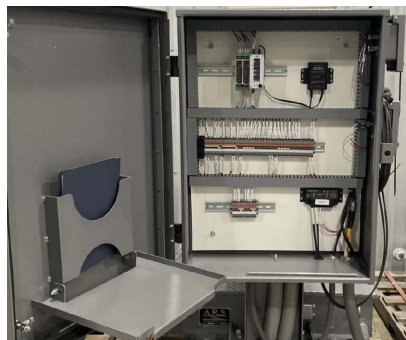


Benefits

- Minimal maintenance
- Enhanced safety
- Reduced life-cycle costs
- Increased yard through-put
- Dark territory compatible
- Completely failsafe-inbuilt detection

YM-16 Technical Specifications

W H L (mm)	1,000 223 1,110
Weight	267 kg
Hydraulic pressure	Upto 3,000psi
Switch opening range	76-152 mm customisable
Power supply options	12 V DC battery (AC or solar charging)
Spring holding force	7.1 Kn (1,600 Lbf)
Throw time	1.2 seconds (customisable)
Throw force	19.8 Kn (4,500 Lbf)
Operating temperature range	-40°C - 85°C
Control voltage	12-24 VDC
Switch detection	Inductive proximity sensors, 9 – 20 V DC output
Control methods	Remote (data cable/VHF radio), Local (push button/manual hand pump)



Simple Design



High Throw Force



20+ year design life



Customisable applications



Recyclable steel components



Low life cycle cost



First class support
Local expertise



For more information,
email us sales@salixproducts.com.au
or visit our website salixproducts.com.au