



# MODEL 6 YARD SWITCH MACHINE

## Proven Trailing Performance for Yards and Depots

The Model 6 Switch Machine sets the industry standard for trailable switching in yards and depots. Backed by over 90 years of proven performance, it is the trusted choice for flat yards, hump yards, industrial sidings, and any location demanding a rugged, reliable trailable solution.



**KB SIGNALING™**

# Model 6 Yard Switch Machine

## Key Benefits

- Yard Application – constructed of durable material, with over 90 years of proven field service in the harshest conditions
- Motor Voltage 110 AC or DC
- 3,4,5 wire control options
- .7 & 1.5 sec throw time
- Electro-Mechanical
- Low Profile

## General Description

The KB Signaling Model 6 Switch Machine has evolved to become the industry standard for trailable switching needs in yards and depots. With over 90 years of proven performance, it is the preferred choice for flat yards, hump yards, industrial sidings, and anywhere a rugged trailable solution is required.

The machine has ample power for throwing switches of large rail and has one of the fastest throw times available (.7 seconds), crucial for hump-yard timing requirements. The trailing mechanism is constructed so it can be trailed without damaging the machine, switch points, or layout components. Manual operation is available by using a hand crank.

## Customer Benefits

### Flexible Power Sources

The new AC module allows control of the Model 6 machine using 110 VAC. The module converts any standard DC Model 6 machine into a 4- or 5-wire AC switch machine. The module is a solid-state design, eliminating the reliability issues of non-vital electro-mechanical contactors. It also implements vital safety design techniques which can improve safe operation of yard systems, reduce risk of costly derailments and personal hazards. By eliminating the need to rewire existing AC yard control systems, construction wiring costs are eliminated, and reliability is improved through a superior Model 6 machine.

### Long Life

The Model 6 is constructed with strong frame castings and oversized internal drive-train gearing, built to withstand decades of use in the harshest conditions. This reliable design allows for more efficient rail operations and increased availability of maintenance resources. By delivering a mature and dependable design, KB Signaling's Model 6 provides peace of mind for all your switching needs.



# Model 6 Yard Switch Machine

## Specifications

|                                     |  |
|-------------------------------------|--|
| Application                         | Trailable (yards, depots)  |
| Manual Operation                    | Hand crank   |
| Point Detection                     | Non-vital detection, needs a circuit controller to make it vital |
| Thrust (lbs.) max                   | 1,750 or 2,250   |
| Power Wiring                        | 3-wire - 110 DC; 4-wire - 110 AC; or 5-wire 110 AC               |
| Voltage                             | 110 DC or AC (AC interface module option)                        |
| AC Interface Module                 | 110-VAC Power, 2- or 3-wire 110 VAC control                      |
| Operating Time (approx.): 110 volts | .7 or 1.5 sec.   |
| Length x Width x Height (inches)    | 59.25" x 39.25" x 9.5"   |
| Throw Distance (inches)             | 5.5"   |
| Dynamic Motor Snubbing              | Yes  |

## Ordering Information

| PART NUMBER  | DESCRIPTION  |
|--------------|--|
| 52500-004-26 | Model 6: Regular speed (1.5 sec), DC power (2-wire)                                  |
| 52500-004-27 | Model 6: Regular speed (1.5 sec), AC power (4-wire, 5-wire) **includes new AC module |
| 52500-004-18 | Model 6: Regular speed (1.5 sec), DC power (3-wire)                                  |
| A85-0701     | Model 6: Regular speed (1.5 sec), DC power (3-wire) transformer group, hand crank    |
| 52500-004-08 | Model 6: High speed (.6 sec), DC power (3-wire)                                      |
| A85-0706     | Model 6: High speed (.6 sec), DC power (3-Wire), transformer group, hand crank       |
| 52500-004-28 | Model 6: High speed (.6 sec), high-torque motor                                      |

## Optional Equipment

|              |   |
|--------------|---|
| 54532-126-01 | DC conversion kit (2-wire control)          |
| 59649-249-01 | AC conversion kit (4-wire & 5-wire control) |
| 52506-003-01 | Transformer group                           |
| 54477-002-01 | Hand crank                                  |
| P1383        | Manual                                      |



**Contact your KB Signaling Business Development Manager**  
**Call 1-800-825-7090, or Email us at [aso.techsupport-kb@alstomgroup.com](mailto:aso.techsupport-kb@alstomgroup.com) for more information today.**

## **KB Signaling**

2712 S. Dillingham Rd  
Grain Valley, MO 64029  
Phone: +1 800-825-7090  
[www.kb-signaling.com](http://www.kb-signaling.com)

