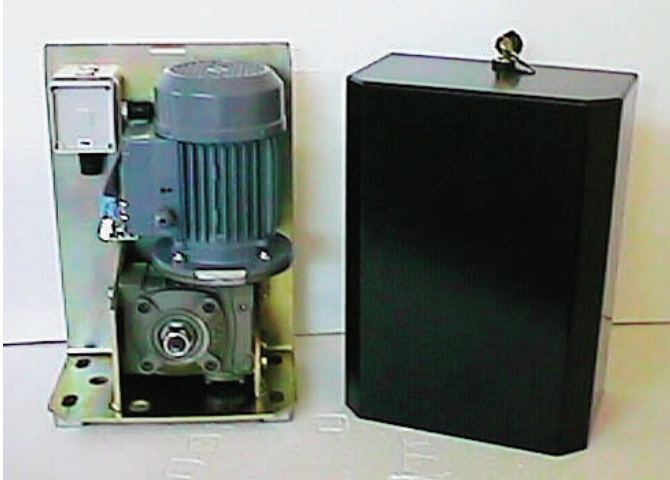




**MAGDRIVE**

# Info



## MAGDRIVE SL01-ATA SLIDE GATE DRIVE

Slidrive1.Pub

Issue one

### DESCRIPTION

Designed for commercial use the SL01-ATA Slide gate drive system comprises a motorized worm gear drive with a gearwheel on its output shaft. The gearwheel meshes with a straight gear rack attached to the sliding gate leaf. Motor rotation in either direction causes linear movement of the gate leaf.

Travel speed is fixed at 230mm per second.

A clutch fitted to the gearbox output shaft enables mechanical adjustment of the driving force transmitted to the gear rack. Loosening of the clutch allows the gate leaf to be pushed manually. The gearbox is otherwise self locking and the gate leaf may not be pushed whilst the motor is inactive.

The drive unit is enclosed within a corrosion protected steel mounting frame and weather cover. The microswitch necessary for gate position reporting is also mounted on this frame.

A CB6 microprocessor based system is used to control the SL01-ATA. This control accepts hard wired inputs from external dry contacts including safety devices to initiate gate movement.

An on board radio receiver card enables remote operation by hand held transmitter.

Safety device inputs inhibit gate closure whilst an obstacle is present. Safety devices i.e. PE beam are recommended for gates which close automatically.

Partial opening of the slide gate for pedestrian access is a feature of the CB6 control.

Automatic closure is also available as an option.

### SPECIFICATION

#### Drive Unit

<b>Motor</b>	<b>0.5HP 240v 50Hz</b>
<b>Output Speed</b>	<b>36RPM</b>
<b>Size</b>	<b>400 x 290 x 175</b>
<b>Weight</b>	<b>5 Kg</b>

#### CB6 Control

<b>Supply</b>	<b>240v AC</b>
<b>Output</b>	<b>240v AC</b>
<b>Control system</b>	<b>Microprocessor</b>
<b>Enclosure</b>	<b>IP65</b>
<b>Size</b>	<b>250 x 195 x 100</b>
<b>Weight</b>	<b>1 Kg</b>