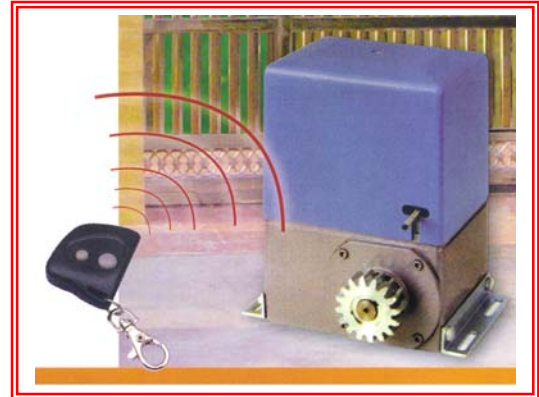


## RAN GER

### Automatic Sliding Gate Motor

**RAN GER** gate operator for sliding gate automation is the most reliable and robust system. The gear motor is immersed in oil bath this makes wear and tear to the gear reduced to minimum, furthermore overheating and noise is also reduced. The system consists of worm gear on ball bearing to assure an extreme reliability and long lasting operation.

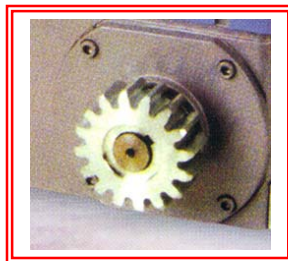
This motorised unit can drive a very heavy gate of up to 1600 kilograms, with continuous operation without any problem for many years. This system had been in the market for more than 10 years already.



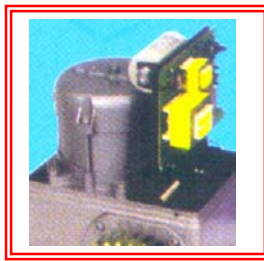
The following shows the Ranger SL1600 motorised unit with remote

#### Advantages of RAN GER MODEL SL1600

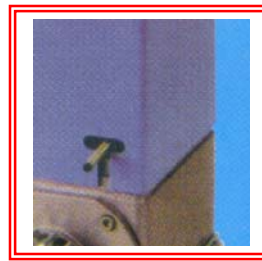
1. Low cost system to implement on existing and new sliding gates.
2. Smooth and quiet due to gear motor running in oil bath (Just like car engine).
3. Anti-crushing safety device built into the system ensure added safety.
4. Manual operation by unlocking with customised key during emergency.
5. Magnetic limit switch cuts of the motor instead of timer.
6. Anodized die cast aluminium block gear motor unit with hardened steel gear.
7. Practical with screws and bolts on plate exterior



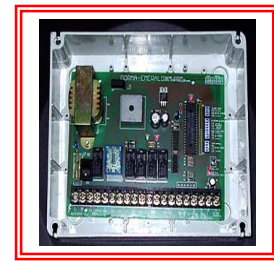
**Harden steel rotary**



**Motorised unit**



**Safetv limit switch**



**Svstem Controller**

#### Technical Specification (model SL 1600)

Description	Unit	Description	Unit
Power supply	AC 220V	Output Torque	More than 220Nm
Frequency	+/- 10% 50Hz	Opening speed	12m/min
Mechanical Movement	Oil bath	Protection rating	IP 44
Motor Rating power	370 W	Capacitor	20uF
Environment Temperature	-40 to +70 deg	Pinion gear	Z19
Gate weight (MAX)	1600 KG	Net Weight	16 KG

#### Distributed by:

Securitex Electronic Systems Engineering  
 Block 9010 Tampines St 93 #04-145 Singapore 528844  
 Tel: 65-67852171 Fax: 65-67863351  
<http://www.securitex.com.sg>