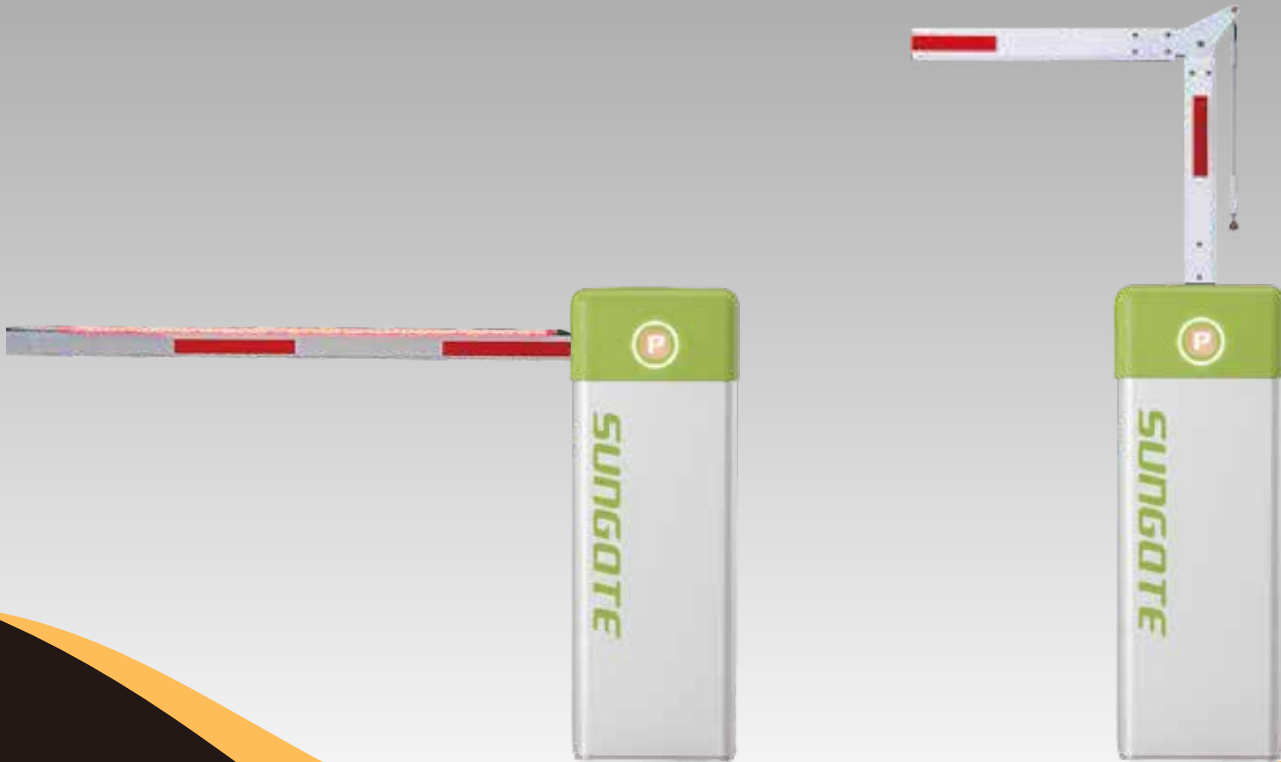
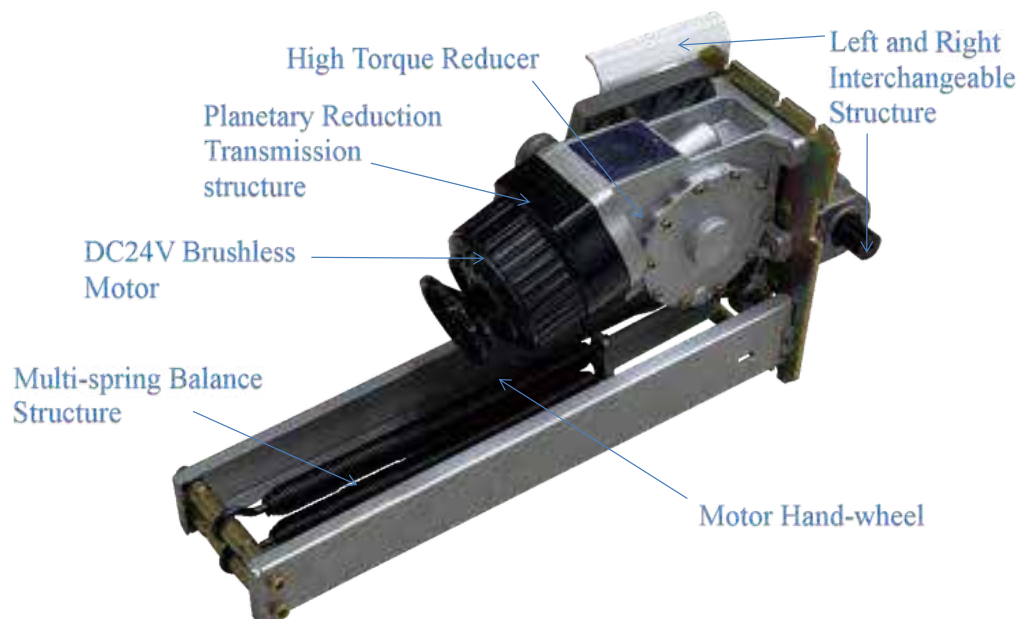


VB-S20 VEHICLE BARRIER DATA SHEET



MACHINE CORE



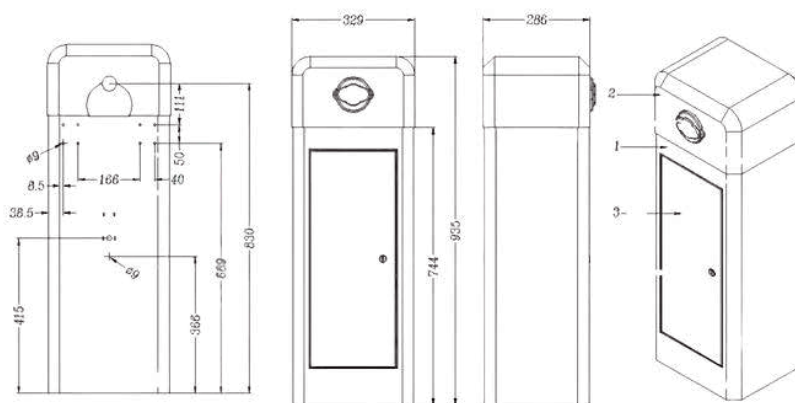
CONTROL BOARD



FUNCTIONS & FEATURES

No.	Item	Functions & Features
1	Motor	DC24V brushless motor, with stable and reliable worm gear and planetary reduction transmission structure, large torque, and wear resistance.
2	Control System	DC variable-frequency control system, precise control, more flexible running, less mechanical impact and longer service life.
3	Auto-reversing on Obstruction	Sensitive, responsive, safe and reliable.
4	Control Panel	Large LCD screen display, English visual menu, simple maintenance and easy operation.
5	Remote Controller	433MHZ, simple to add remote controllers.
6	Operation during Power-off	Turn the handwheel or lift the boom manually to realize the boom up and down, and it can also be powered by a DC24V battery, or open one time by a super capacitor backup.
7	Motorcade Passing, Counting, Auto-aging Test, Delay Auto-closing, Relay Signal Output, RS485 Communication	Support
8	Loop Detector, Infrared Photocell, Radar	Optional

STANDARD TECHNICAL SPECIFICATION



No.	Item	Model	VB-S20				
1	Running Speed (Seconds: S)		2~6S	6S	6S	6S	6S
2	Boom Type Max Boom Length		Straight	90° Folding	180° Folding	2 Fence	3 Fence
3	(Meters: M)		4~8M	5M	5M	6M	4.5M
4	Cabinet Dimension (W*D*H)		329*286*935MM, 335*315*967.2MM				
5	Power Supply Input Voltage		AC220V±10%, or AC110V±10%				
6	Control Board Input Voltage		DC24V±10%, 10A				
7	Motor Voltage		DC24V				
8	Enclosure Rating		IP54				
9	Working Temperature		-30°C~ + 70°C				
10	MTBF		6,000,000 times				
11	Duty Cycle		100%				
12	Traffic Flow Application		24 hours uninterrupted operation				
13	Max Motor Power		180W				
14	Max Motor Speed		360r/min				
15	Max Output Torque		320N.m				

BOOM TYPES

Straight Boom with
Black Rubber



Straight Boom



Square LED Boom



Straight LED Boom



Round Foam Boom



Telescopic Boom



90 Degree Folding Boom



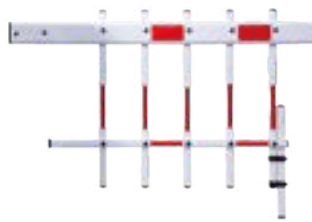
180 Degree Folding Boom



90 Degree Folding LED Boom



Two Fence Boom



Three Fence Boom

