



## Model: APZ-120

### ORDERING INFO:

Open/Close Speed	Arm type	Arm swing out
1.5 sec	2m straight	Yes
3.0 sec	3-4m straight	Yes
5-6 sec	6m straight	Yes
5-6 sec	4m5 90 degree folding	No
5-6 sec	4m 180 degree folding	No
5-6 sec	4m5 fence	No

### TECHNICAL SPECIFICATION:

Description	Parameters
Working Temperature	-35oC - +85oC
Power Supply	24VDC
Open/Close Speed	1.5 Sec to 6 Sec (Depending on arm length)
Rated Current	8.58A
Rated Power	140W
Motor No-load Speed	1850 rpm
Rated Rotating Speed	1400 rpm
Output Power	56.8N.m
Humidity	≤ 90%
Remote Control Distance	≤ 100m (open, sunny weather)
Protection Grade	IP54
Max Boom Length	6M
Lifetime	5 million times

### FEATURE:

#### ARM SWING OUT

Arm will swing out when hit directly by vehicle (only straight arm) to avoid further damage on the vehicle.



#### ARM AUTO REVERSE

Arm will automatically reverse when hit on vehicle or people. Sensitivity can be adjusted.

#### BI-DIRECTION MAIN SHAFT

Arm direction can be changed from LEFT to RIGHT according to the requirement.



#### ADJUSTABLE SPEED

The operation speed can be adjust according to the requirement from 1-6s.

#### MANUALLY MOTOR WHEEL

Gate opening by hand when power off



#### DC BRUSHLESS MOTOR. HALL LIMIT

Motor won't get heat. Low consumption. Mold production, low noise, working smoothly.



## FEATURES:

1. Mechanical and electrical integration: quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Worm-gear secondary variable transmission: motor wheel design, gate opening by manual power off, no blocking, no oil leakage, large torque, low noise, can normally operation at the temperature of minus 45 degrees, etc.
4. DC brush motor design: low consumption, high efficiency, no overheat, wide speed adjustment.
5. Hall limit: automatically detects the limit when power on without debugging, detecting the motor speed at all times and running at constant speed.
6. Curved triple connecting rod structure, easy to adjust.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Special DC brushless controller: use integrated chip drive, fast processing speed, large memory, powerful function: 24V low voltage power supply, adaptor to global voltage.



