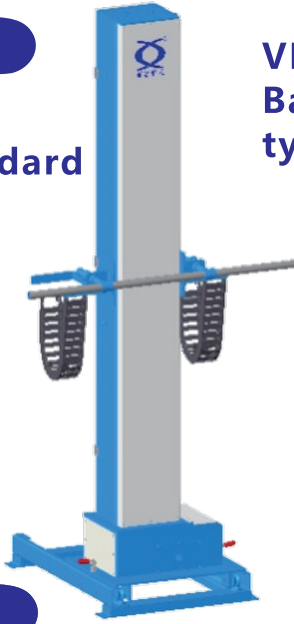


Appearance

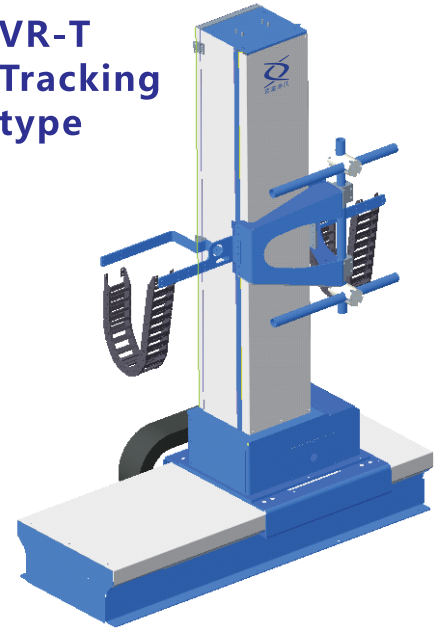
**VR
Standard
type**



**VRF-B
Back & forth
type**



**VR-T
Tracking
type**

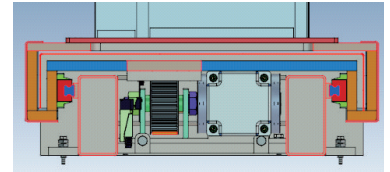


Specification

	Vertical				Horizontal
	VR	VRS	VRF	VRF-2	HR
Model	VR	VRS	VRF	VRF-2	HR
Application	General purpose				
Stroke type	Variable stroke		Fixed stroke constant speed		Variable
Track design	Linear guideway				
Chain	Drive chain	Drive chain	Drive chain	Drive chain, balance chain	Drive chain
Inertial absorption	Balance block	Balance block	None	Balance block	None
Payload(Kg)	30	40	40	60	15
Max. Stroke(M)	1.5/2.0/2.5/3.0 STD 2M				
Speed (M/min.)	15-60				
Control	Inverter	Servo motor	Inverter	Inverter	Servo motor
Protection class	IP54				
Rated motor power	STD:380 V, 50/60 Hz, Option:220V, 50/60 Hz				
Rated output KW	1.5	1.5	2.2	2.2	0.75
Reversing slip compensation control	Programmed	Programmed	Precision Bearing Slider	Precision Bearing Slider	Programmed
External high(M)	2.5/3/3.5/4 (Stroke plus 1M)				
Back/forth motion	STD:500 mm Manual, Option:500mm Electric.				
Tracking mm	STD 800				
Dx w mm	600x520	750x600	700x804	569x589	600x520
Area W/base(WxD) mm	2000x1200	2000x1200	2000x1200	2000x1200	2010x725
Weight Kg STD 2M, w/Manual motion	471	445	716	754	204

Slide way mechanical seal for dust-proof

2025 slideway, seal dust-proof mechanical seal



**HR
Horizontal reciprocator**

Suitable application

- Metal:** all surfaces and shapes of metal objects
- Plastic:** IT industry parts, bumper, motorcycle plastic part.
- Wood:** door, door frame, window, desk, chair, headboard.

* Code: VR=Vertical Variable Stroke, VRF=Vertical Fixed Stroke HR=Horizontal; S=servo; T=tracking; B=Back and forth
 • Select the tracking reciprocator, increase the number of spraying, increase the spraying performance, and replace multiple guns.
 • Standard: Equipped with non-explosion-proof motors, Optional: Intrinsic explosion-proof motors, explosion-proof motors, safety-enhanced explosion-proof motors, etc. need to be confirmed.
 In 2024, various types new linear industrial slides of reciprocator, back / forth, and tracking axes are all used:
 1. Industrial linear slides
 2. High precision grinding slide rails and hardened heat-treated have a long service life
 3. Sheet metal laser cutting is beautiful and precise.
 4. Professional and reliable production for 40 years, cheap and good quality!



Electric reciprocator for coating

HMI spray control

Bell/Air electrostatic gun main control cabinet specification

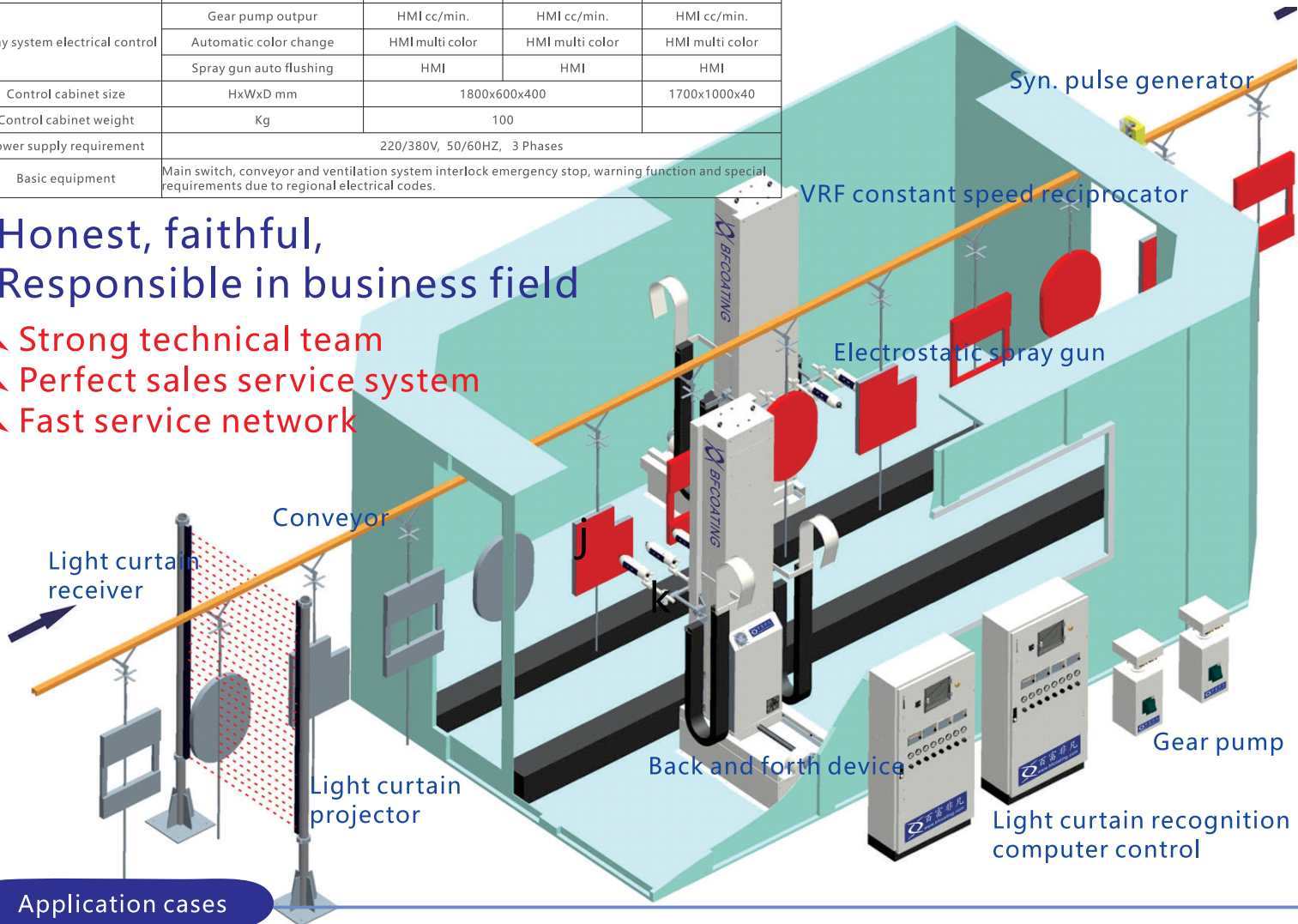
CLPPS 2D/3D Auto coating system

Model		2000-x	3000-x	5000-x
Human machine interface		10"HMI monochrome	10"HMI Color	10"HMI+CLPPS 2D/3D
Object automatic spray control		X Automatic	X Automatic, Y Setup	XY Automatic,
Spray parameter memory		32 sets	99 sets	99sets
Atomizer	Paint ON/FF valve and control	HMI	HMI	HMI
	Solvent flush valve and control	HMI	HMI	HMI
	Dumping valve and control	HMI	HMI	HMI
	Bell cup speed display	HMI	HMI	HMI
	Constantspeed control (bellsprayer)	Option	Option	Option
Electrostatic high voltage generators with	HV on /off, step less adjust HV	HMI	HMI	HMI
	Voltage KV, Current μ A indicator	External	External	External
Reciprocator	Start and stop	manual & auto	manual & auto	manual & auto
	stroke reverse point adjustment	Remote adjust	Fix stroke	Fix stroke
	speed variety	HMI	HMI	HMI
	High & low speed slip compensation	chip computing		
Spray system electrical control	Gear pump outpur	HMI cc/min.	HMI cc/min.	HMI cc/min.
	Automatic color change	HMI multi color	HMI multi color	HMI multi color
	Spray gun auto flushing	HMI	HMI	HMI
Control cabinet size	HxWxD mm	1800x600x400		1700x1000x40
Control cabinet weight	Kg	100		
Power supply requirement		220/380V, 50/60HZ, 3 Phases		
Basic equipment	Main switch, conveyor and ventilation system interlock emergency stop, warning function and special requirements due to regional electrical codes.			

- ⚠️ Light curtain 3D automatic detection, spraying only when there are object in front of the gun, saving paint and reducing environmental pollution and cleaning costs
- ⚠️ Fat and thin objects to be coated, the spray gun will automatically keep an equidistant distance from the object to avoid collision damage of the spray gun and poor spraying
- ⚠️ Precise switch on/off gun, control the fat edge of static electricity, avoid paint sagging, uniform film thickness, and good surface finishing.
- ⚠️ Adopt constant-speed full-stroke reciprocating to avoid uneven distribution of paint on the upper and lower ends of variable-stroke reciprocating machine.

Honest, faithful,
Responsible in business field

- ▲ Strong technical team
- ▲ Perfect sales service system
- ▲ Fast service network



Application cases

