



# Baifu Air Electrostatic spray gun

# LE30



## Specification

Model	LE30-A	LE30-B
HV Type	External HV	Built-in HV
HV Controller	BPS100/BPS290	IPS930E
Gun Size(LxDia.)	318 x Ø80mm	318 x Ø80mm
Gun Weight	1550g	1870g
Flat Nozzle	Standard	Standard
Round Nozzle	Metal/Plastic steel Optional	
Paint Valve	External	External
Cir. Valve	External	External
Max. Air consumption	600NL/min.	600NL/min.
Resistance	50 Meg-Ohm	150 Meg-Ohm
Atomizing Pressure	0.5~1.5 Kg/cm <sup>2</sup>	0.5~1.5 Kg/cm <sup>2</sup>
Weight(w/ bracket)	2540 g	2860 g

## Suitable application

- Metal:** all surfaces and shapes of metal objects
- Plastic:** TV frame, bumper, motorcycle plastic parts, Phone boxes, side door mirrors, cell phones, computers
- Wood:** doors, door frames, windows, desks, chairs, headboards
- Glass:** Perfume bottles and any other bottles

## Advantages

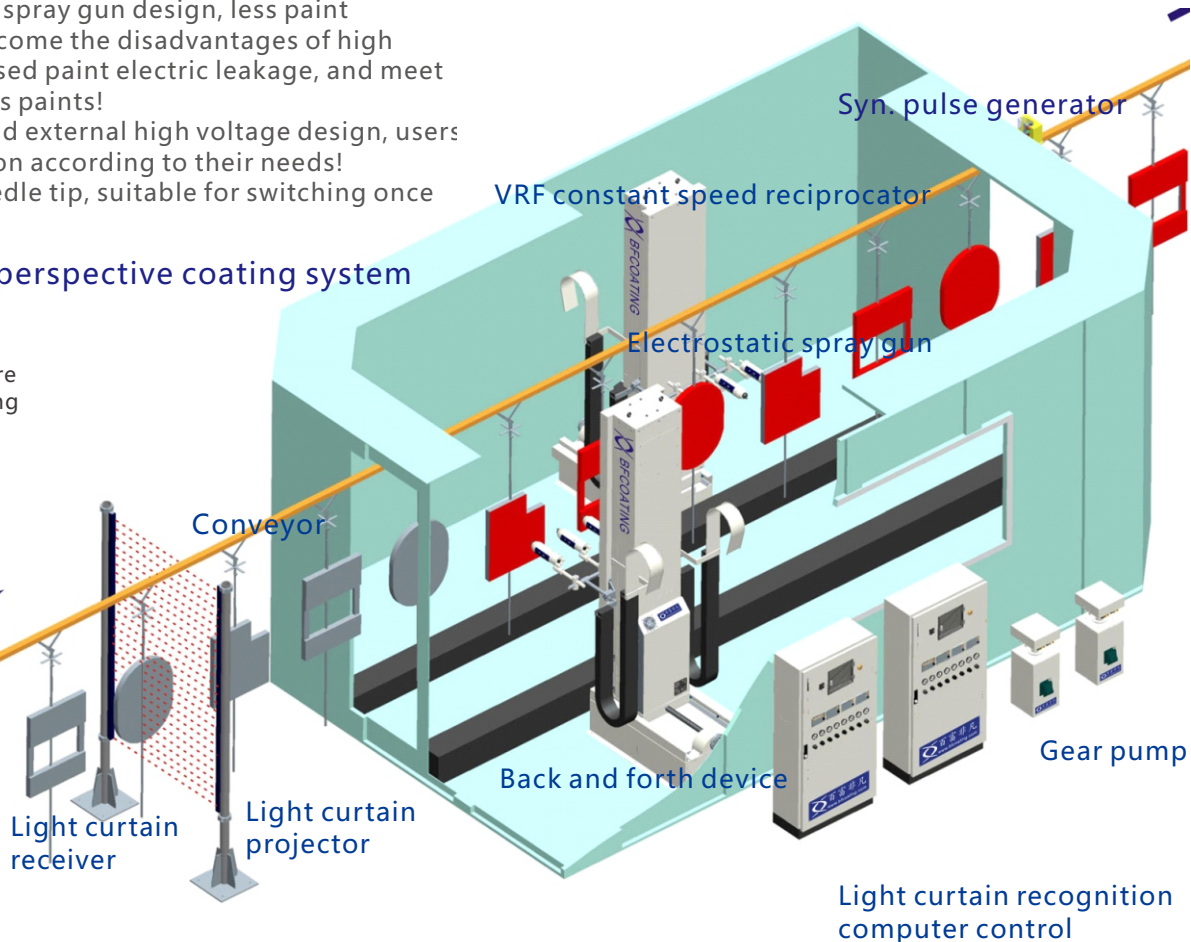
- Medium pressure atomization, 1 kg/cm<sup>2</sup>, good atomization, high coating efficiency!
- The paint valve and circulation valve are external, easy to maintain, low in cost, and highly dependable!
- It can be metered when spraying. Back flow when not spraying. Easy to control film thickness, high solid content and metallic paint, fully flow and stir for use!
- Fully insulated electrostatic spray gun design, less paint wrapping, save paint, overcome the disadvantages of high conductivity and water-based paint electric leakage, and meet the requirements of various paints!
- With built-in high voltage and external high voltage design, users can choose the best solution according to their needs!
- Long-life tungsten steel needle tip, suitable for switching once per second!

## CLPPS 3D Light curtain perspective coating system

Light curtain 3D automatic detection, spraying only when there are objects in front of the gun, saving paint and reducing environmental pollution and cleaning costs. For flat 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.

Adopt 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.



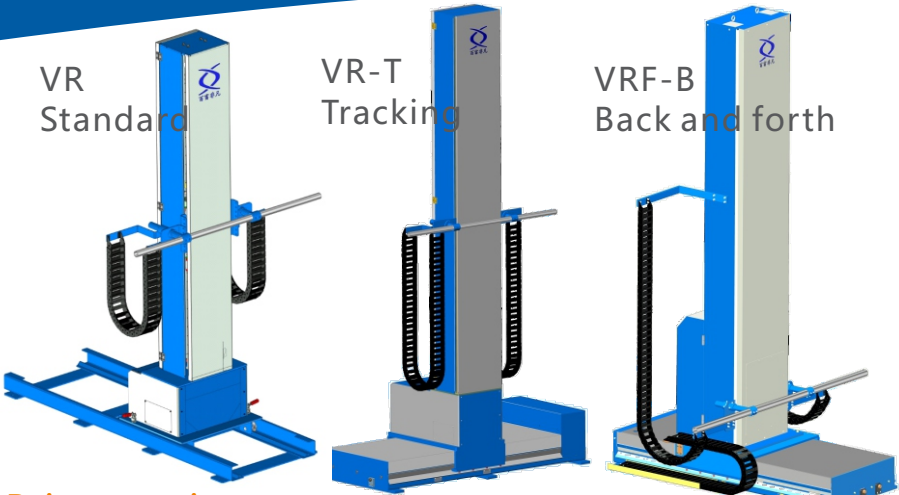
**Baifu Technology Corp.**  
**Long Wall Trading Co., Ltd**  
 9F, No.83, ZhongCheng Road New Taipei City 236 Taiwan  
 Tel: 886-2-2268-4088 Fax: 886-2-2268-4086  
 www.bfcoating.com

Taichung: 886-4-2358-8755 Tainan: 886-6-270-9257  
 Beijing: 86-10-6488-2666 Shanghai: 86-21-6483-9459  
 Tianjin: 86-22-5885-3955 Kunshan: 86-512-5745-8588  
 Dongguan: 86-769-8541-5416 Xiamen: 86-592-6074-228

2023.09.29



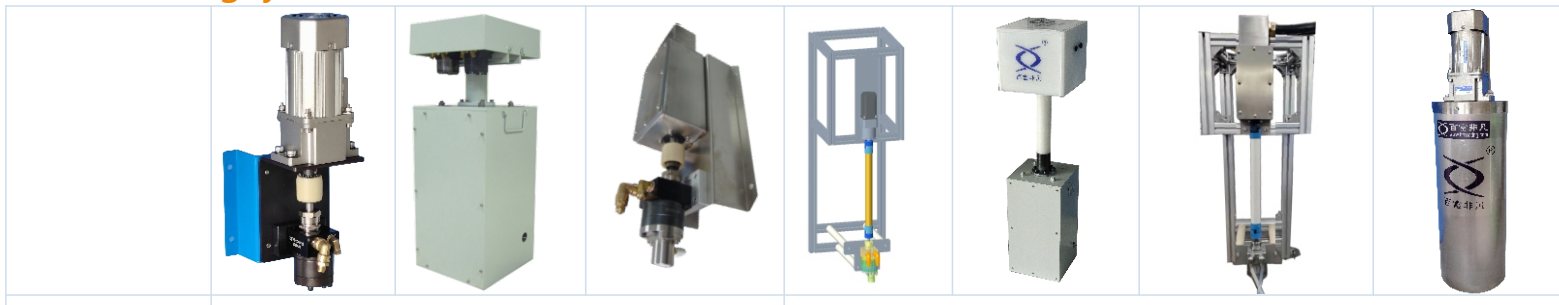
# Baifu Air Electrostatic spray gun LE30



Reciprocator specification			
	Vertical		Horizontal
Model	VR	VRF	HR
Stroke	Variable	Fix	Variable
Track design	Linear guideway		
Payload(Kg)	40	40	15
Max. Stroke(M)	STD 1.5/2.0, Optional 2.5/3.0		
Speed(M/min.)	15-45	15-60	0-30
Back/forth motion	STD :manual Option: Electric		
C/V tracking800mm	Inverter / Servo		
Safety level	IP55		
Rated motor voltage	STD 380V, 3 phase 50/60 Hz*		

**Paint metering system** \*Tracking, back & forth with industrial sliding rail

\*Opt.:other voltage, explosion proof servo motor



	Solvent base paint			Water base paint(insulation)			
Combination No.	10#	20#	30#	10i#	20i#	30i#	40i#
Gear pump unit	General	One for multi	Servo motor type	Insulation	One for multi	Servo motor type	sealing type
Specification	Explosion proof			None-Explosion proof			
Gear pump	Alloy steel/stainless steel DLC/tungsten steel			Stainless steel DLC/tungsten steel			
Motor	AC inverter		AC Servo	AC inverter		AC Servo	AC inverter
Installation	Vertical wall mount	Floor mount	Vertical wall mount	Vertical wall mount	Floor mount	Vertical wall mount	Floor mount

**Paint pump VS. Paint supply station**



Double diaphragm pump				Paint supply station		
N1.068 Fiber nylon	S1.068 Stainless steel	A1.068 Aluminum	A1.288 Full set	PS4 Pedal water tray	PSiA Insulation	PSiB Insulation

## Application cases:

