

New Generation

Air Electrostatic gun

Robo Gun IV EAB400R



Aiming at eco-friendly and
human-friendly coating

"Ec'Coater" is formed from the words "Ecology"
and "Coater (coating machine)"
"Ec'Coater" represents our concept born through
our corporate principle.

Achieves better penetration and productivity with the angled small head structure automatic gun.

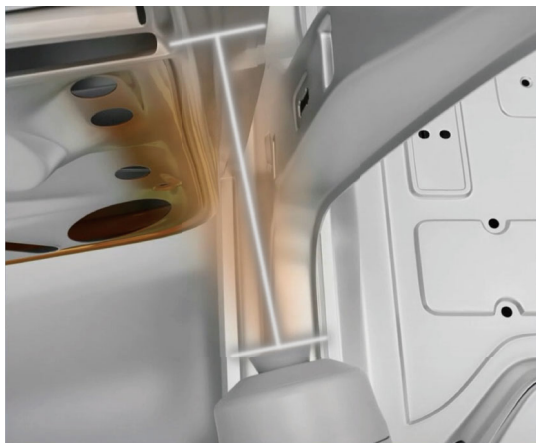
- A newly designed nozzle that provides a uniform spray pattern reduces paint consumption and achieves a beautiful finish.
- Damp valve in gun body increases flush ability
- This gun does not require paint path insulation and can charge water-based paints efficiently even at low pressure.

EAB400R
(For solid paint)

EAB400WBR
(For water-based paint)

■ Penetration Improved coating efficiency

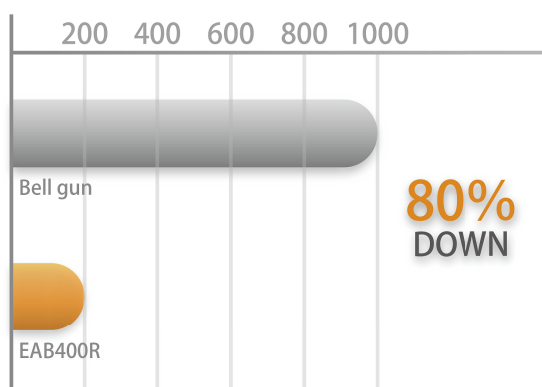
- The compact gun head enables close-coating to narrow areas such as the inner plate of automobile doors, improving penetrability and coating efficiency.
- The angled gun tip expands the robot's range of motion and improves vertical access to narrow spaces.



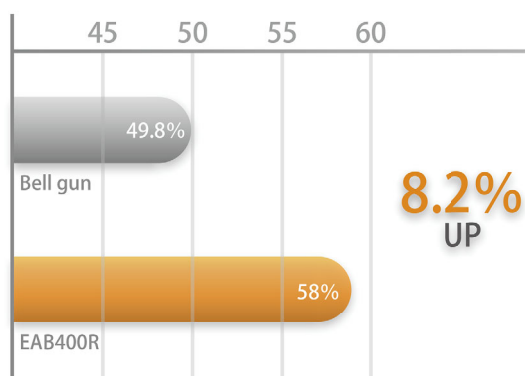
Bell gun



EAB400R



Air consumption (NL/min)



Transfer efficiency

Reduce Tact time

Reduce over spray and switching time by round paint pattern.

Standard teaching

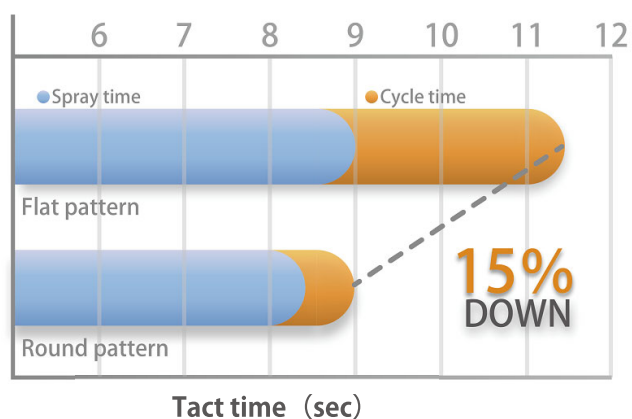


Flat pattern

One-stroke teaching



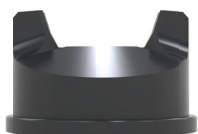
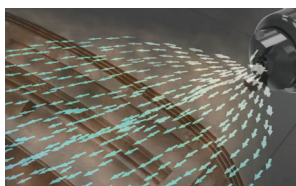
Round pattern



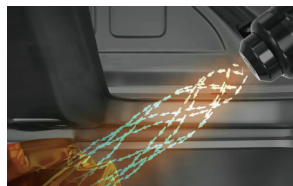
Pattern variation

This gun suits both flat pattern and round pattern.

3types flat pattern



2types round pattern



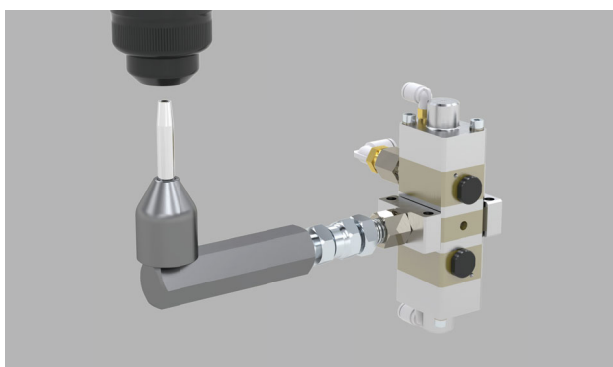
Painting image
Autobobile engine hood



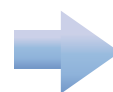
Painting image
Inner plate of automobile doors

Special flushing tool

It reduce a dust and ununiformed paint pattern and maintain paint surface quality.



Before



After

Flush within a few seconds.

■ Specification



EAB400R

For Solid paint



EAB400WBR

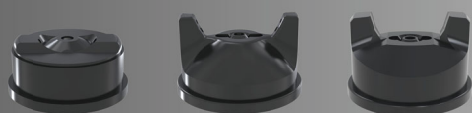
For water-based paint

Model	EAB400R
Part number	1849,1850
Max paint pressure	0.6MPa
Max air pressure	0.6MPa
Max voltage	DC-60kV
Size(φ×L)(mm)	φ142×362
Weight	3.1kg
Electrostatic controller	BPS260

Model	EAB400WBR
Part number	T5124-3
Max paint pressure	0.6MPa
Max air pressure	0.6MPa
Max voltage	DC-30kV
Size(φ×L)(mm)	φ142×348
Weight	3.3kg
Electrostatic controller	BPS260

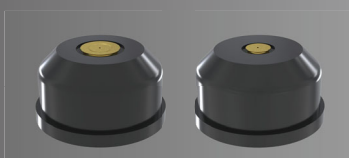
Name	400 air cap	600 air cap	800 air cap
Model	HN400	HN600	HN800
Part number	15F8-001	15F8-101	15F8-201
Pattern size	Smalle	Middle	Large
Flow rate	50~150ml/min	130~300ml/min	200~400ml/min
Suitable paint viscosity	below 100mPa·s (below 30 sec by Ford#4)		
Air cumsumption	360L/min		380L/min
	(0.3Mpa)		
Suitable paint	Solid・Clear・Metallic		

Name	Electrostaic round nozzle	
Model	HNP400	HNP410
Part number	15C8	15C9
Pattern size	Standard	Small
Flow rate	100~300ml/min	60~200ml/min
Suitable paint viscosity	below 100mPa·s (below 30 sec by Ford#4)	
Air cumsumption	400L/min (0.3Mpa)	
Suitable paint	Solvent solid · Clear	



HN serie

Flat patten nozzle



HNP serie

Round pattern nozzle



Cautions for Safety

For correct and safe use of the equipment, please refer to Operation manual provided for it.

*Appearances and specifications of the equipment shown on this booklet are subject to be changed for the purpose of its improvement, without pre-announcement.



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The information contained herein is the latest version, as of 8, 2022.