

OTS-51

HYBRID



Gear Pump System

Features



- Dual Coating-
Solvent and Waterborne Paint
- Improve Finishing Quality
- Reduce Fluid / Paints Waste
- Delivery stable at all time
- Excellent repeatability
of delivery parameters
- Fine-tuning of delivery rate possible
- Ideally suited for automated lines
- Various types of gear pumps available
- Long Life Operation
- Low Failure Rate and Easy Maintenance

Solvent

Waterborne

DUAL
Coating

H.E.T
High Efficiency Technology

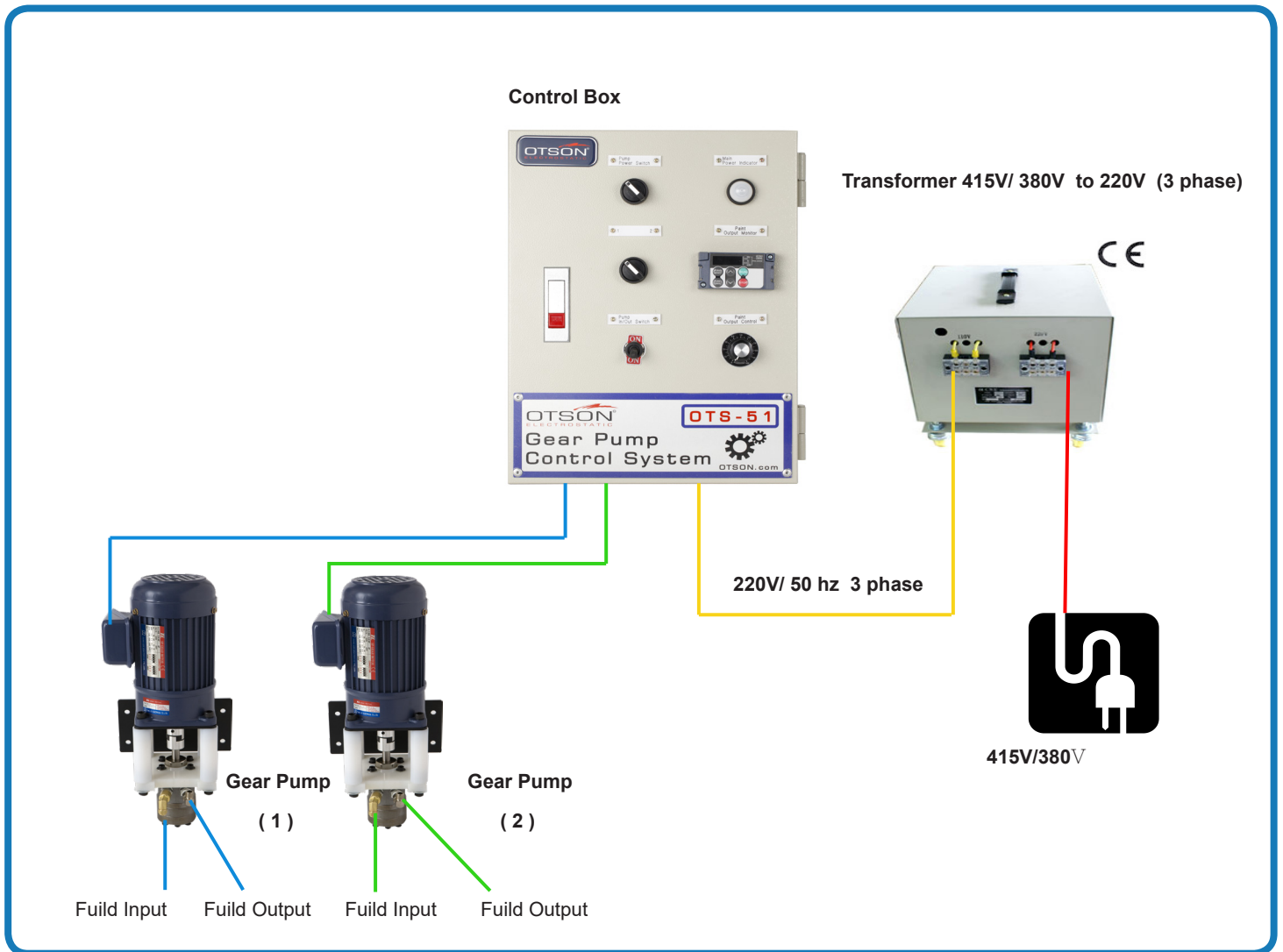
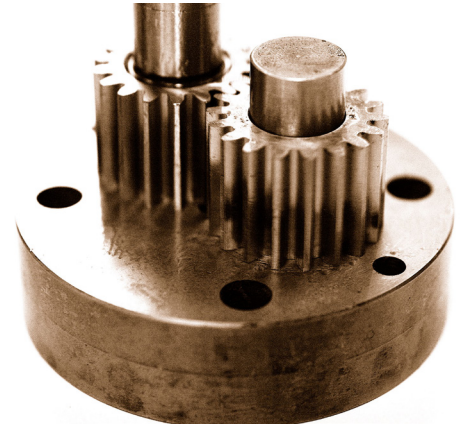
Innovative Technologies of

Liquid Electrostatic Coating Solutions

Overview

This product is designed to drive two Gear Pumps with three-phase induction motor (220V /380V) for many types of application. OTSON gear pump is handmade .it is very precisely. The gear material is using Hardened Steel CMoWCrVCo HRC = over 63).

The control box is control two gear pump operation, so the user can switch gear pump 1 to gear pump 2 in one sec. In addition, the pump output is control by digital frequency inverter. The output fluid or paint are easy to control output precisely.



**Dual Coating for
Solvent and Waterborne Paint**

Specification

Gear Pump

Input Voltage : AC 220 V ~ 380 V \pm 10% 3 Phase

Horsepower : 1/4 HP

Dimension : 130 (L) x 600 (w) x 30 (H) mm

Weight : 13 kg

Output : 3cc / rev 108cc ~ 1080 cc / min (digital control)

Output : 6cc / rev 216 cc ~ 2160 cc / min (digital control)

Spray Tube : Double-layer Teflon paint tube

Pump Material : Hardened Alloy CMoWCrVCo HRC = over 67)

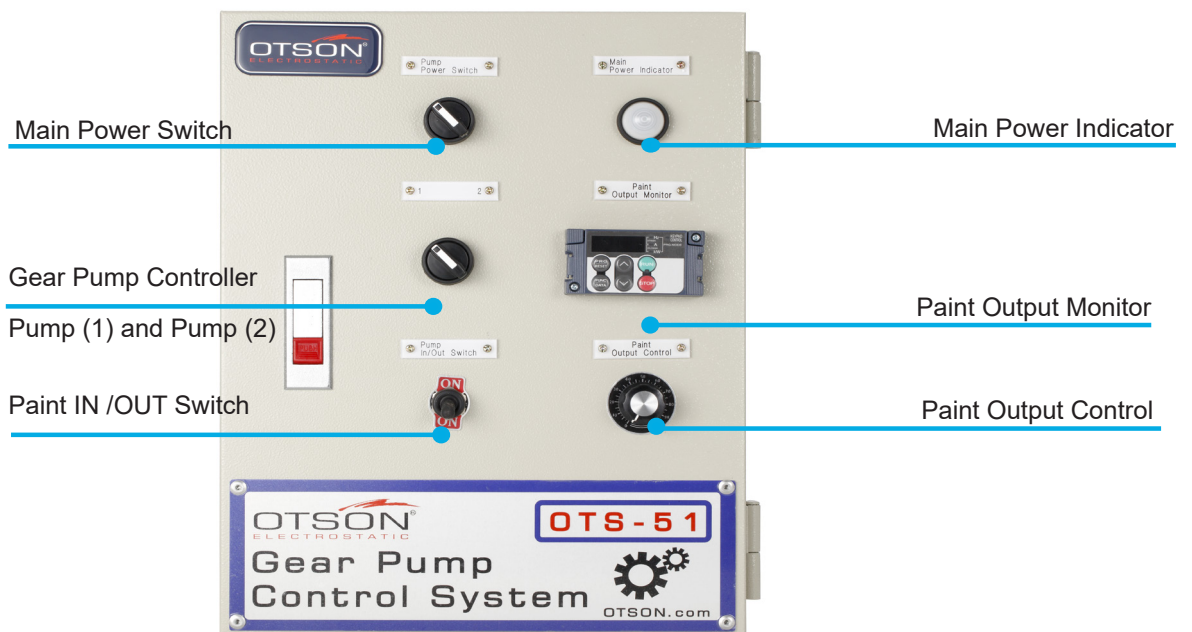


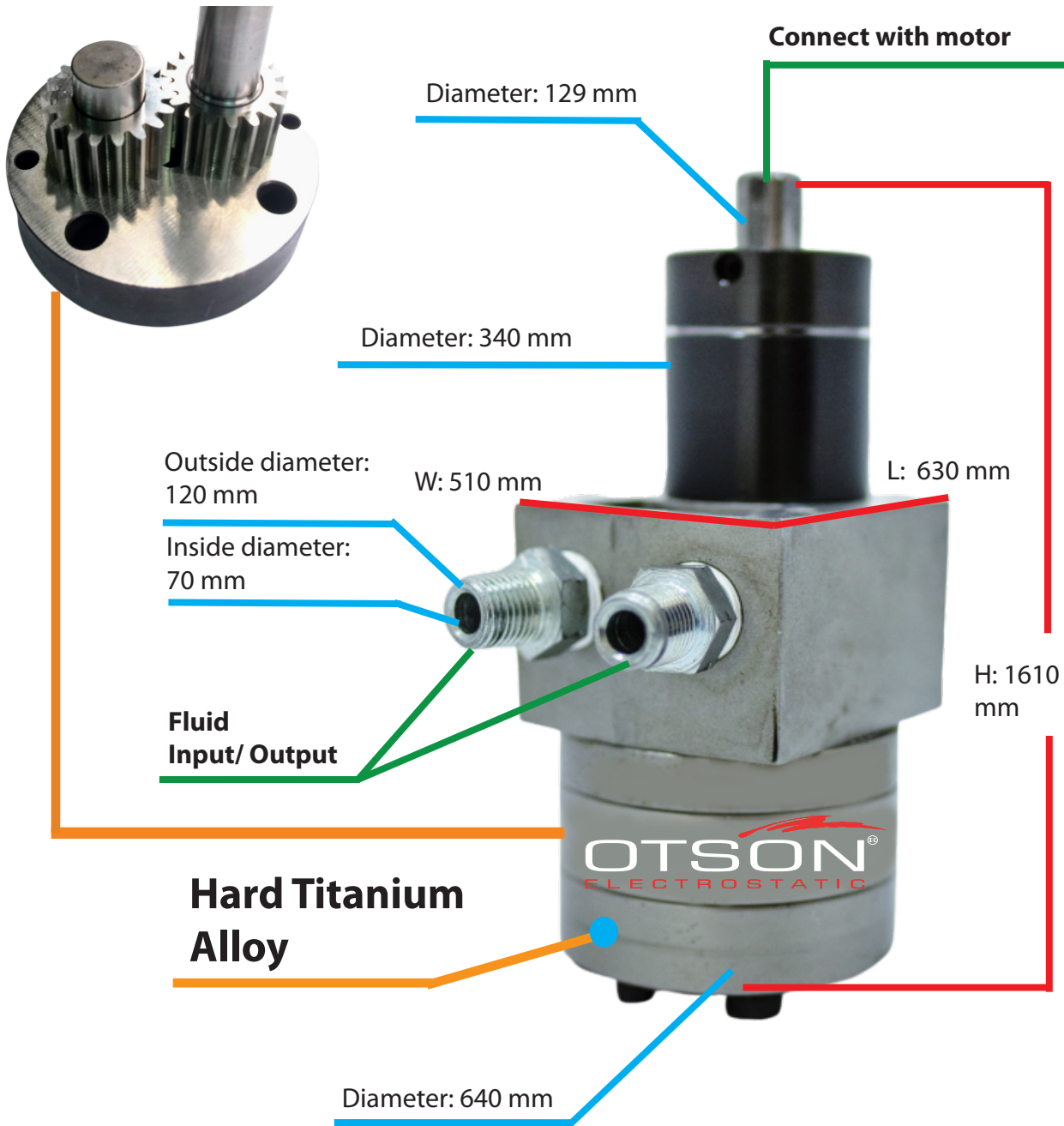
Control Box

Weight : 8.5 Kg

Input voltage : AC 220V /50Hz 3 Phase

Dimension : 180 (L) x 30 (W) x 40 (H) mm

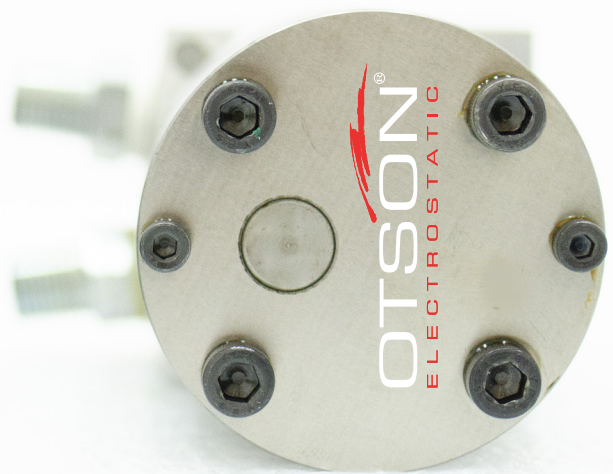




WEIGHT : 1590 g

3cc /rec - 108 ~1080 cc/min

6cc /rev 216 ~2160 cc/min





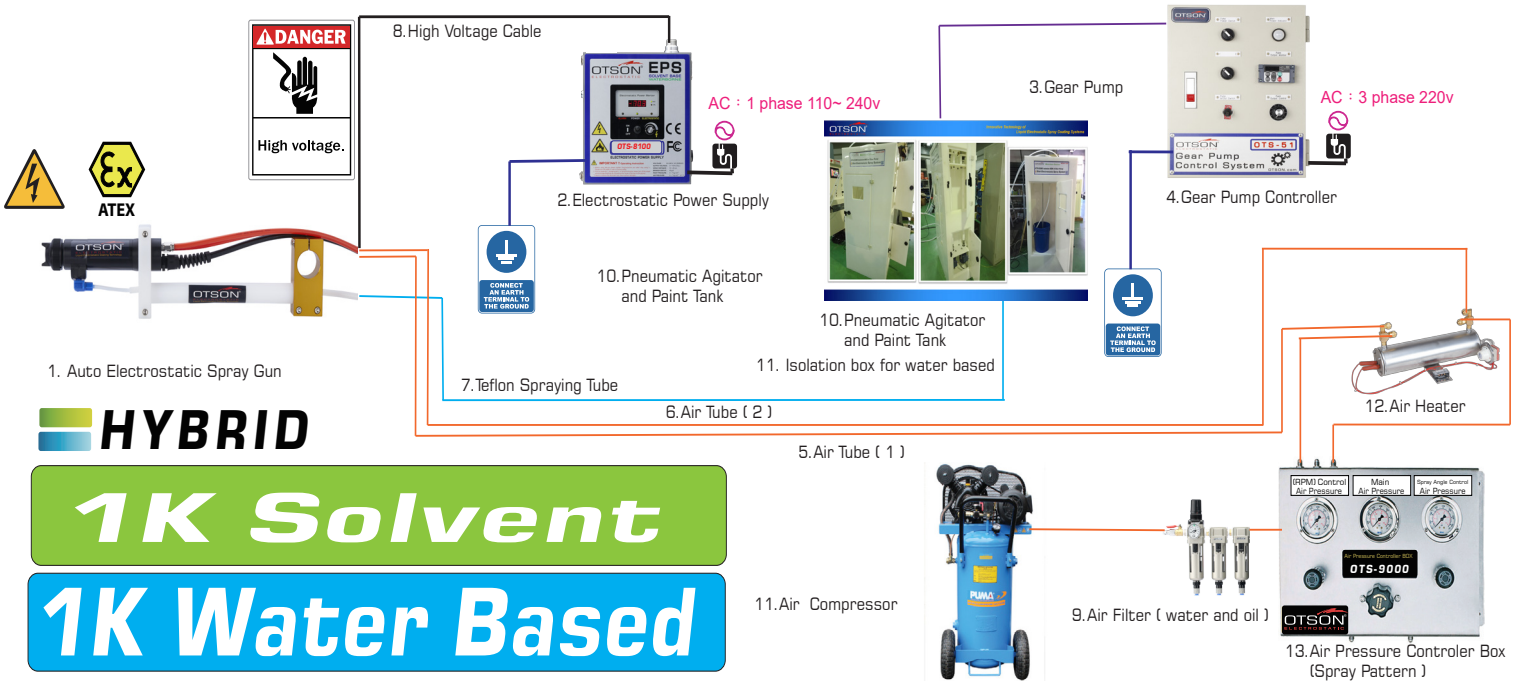
3cc /rec - 108 ~1080 cc/min

6cc /rev 216 ~2160 cc/min



Application

OTS-8100 Auto Electrostatic Spray Gun System (Solvent) - Kit

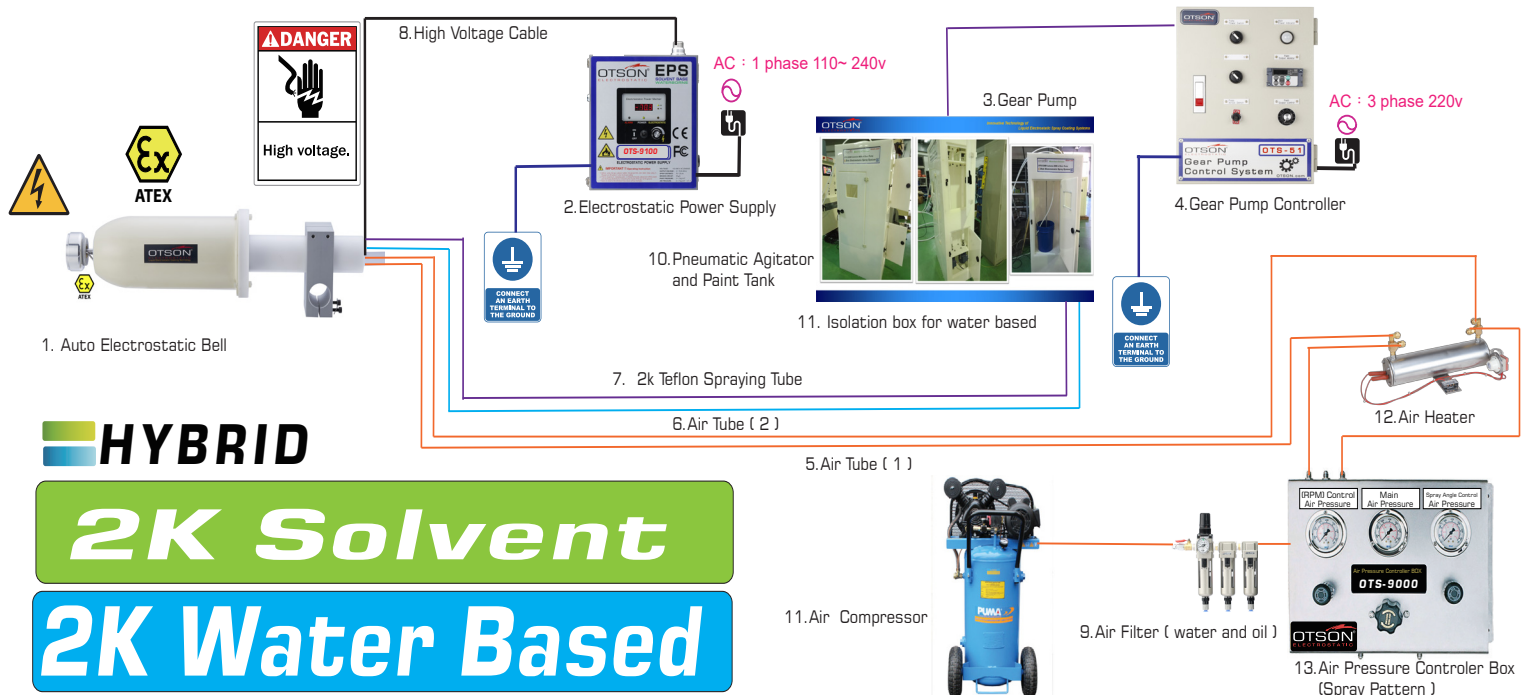


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1K Solvent

1K Water Based

OTS-9100 Auto Electrostatic Bell System (Solvent) - Kit



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2K Solvent

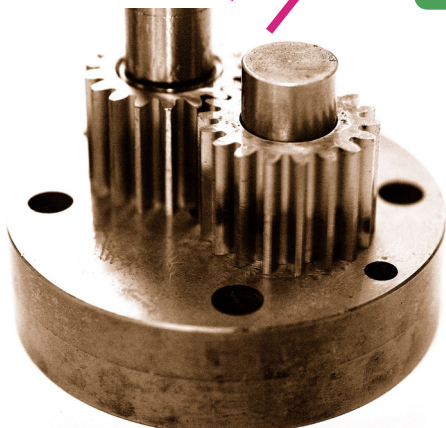
2K Water Based

Fast Colour Change Solution (1 sec)

2K Solvent
2K Water Based

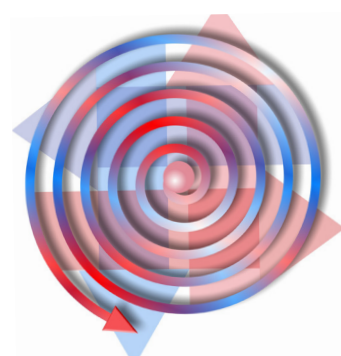
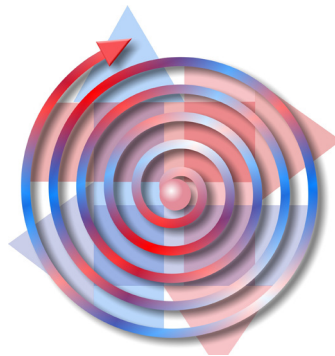


Stable Fluid / paints Output



Suction Fluid / Paints

Recycle Fluid / Paints



Clockwise

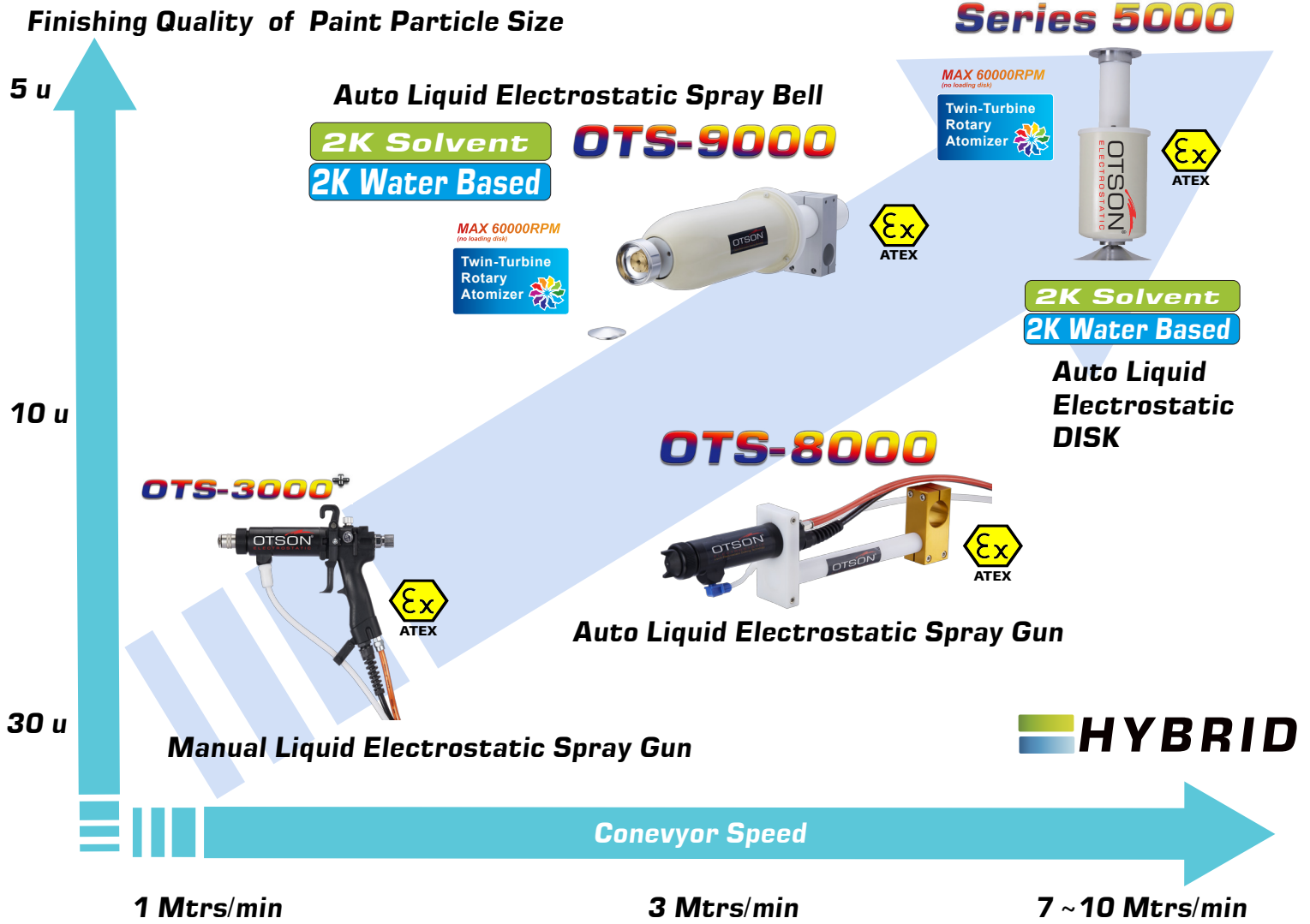
Anti-clockwise



Isolation box of Solvent and Waterbase





After : By OTSON liquid electrostatic coating system:
Uniform coverage from primer to final layer by high RPM atomizer and well-effect around electrostatic.







Ordering Information - OTS-50

Specification	OTS-50-V3	OT-50-V3-MB	OTS-50-V6	OTS-50-V6-MB
				
Paint Pump Drive Unit	/	AC motor drive	/	AC motor drive
Drive Controller		Inverter Type		Inverter Type
Variable Speed Controller		Potentiometer		Potentiometer
Drive Motor		Explosion-proof AC Motor 220 VAC, 3 phase, 0.4 kW, 4P		Explosion-proof AC Motor 220 VAC, 3 phase, 0.4 kW, 4P
Power requirements		220 VAC, 50/60 Hz, 3 phase		220 VAC, 50/60 Hz, 3 phase
Motor speed control range		180 –1,800 rpm		180 –1,800 rpm
Output		0.4 kW Max.		0.4 kW Max.
Potentiometer		Steps of 0 to 500		Steps of 0 to 500
Gear pump- HRC	67	67	67	67
Gear Pump (cc/rev)	3 cc/rev	3 cc/rev	6 cc/rev	6 cc/rev
Gear Pump (cc/min)	108 ~ 1,080	108 ~ 1,080	216 ~ 2160	108 ~ 1,080
Fluid Input Size	3/8 "(inch)	3/8 "(inch)	3/8 "(inch)	3/8 "(inch)
Net Weight Kg	1.59kg	13kg	2 kg	13.8Kg

Ordering Information - OTS-51

Specification		OT-51-V3-MB		OTS-51-V6-MB
Control box of Gear Pump	/	1	/	1
OTS-50-V3-MB Gear Pump		2		2
OTS-50-V6-MB Gear Pump				
Transformer 415 v/380v to 220v (3 phase 2 KVA)		1		1

*The appearance of all products, detail, figure and specification are subject to change at any time without notice.

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