

# HASCO's New CIP New Design

Innovative Stylish Dynamic



**HAN SHIN PAINTING SYSTEMS** Airless Spray Pump & Spray Gun & Accessories

**Factory**

604-030, #370-12, Sinpyeong-dong, Saha-gu, Busan, Korea. **Tel.** +82-51-291-4138 **Fax.** +82-51-291-4194

**Overseas Business Dep't**

617-726, RM 14-209, Busan Industrial Supplies Market, #578, Gwaebep-dong, Sasang-gu, Busan, Korea.

**Tel.** +82-51-319-3039 **Fax.** +82-51-319-3049 **E-mail.** hasco@hascopro.co.kr **www.hasco-airless.com**

국내사업부 604-030 부산광역시 사하구 신평동 370-12번지



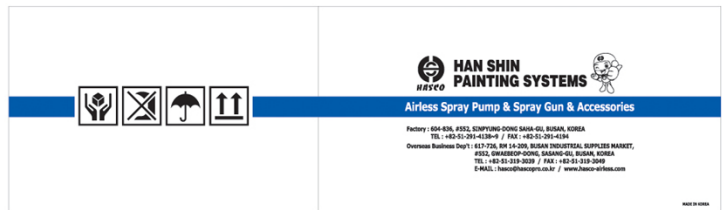
# NOTICE



### New main emblem



### New HASCO character signature and case marking



### New name plate and warning symbols

Air-Operated Airless Pump		Pro-451
Serial No.	<input type="text"/>	
Fluid Pressure Ratio	45 : 1	
Output	12.54	L/min
Stroke	120	mm
Air Pressure Range	3~7	bar
Max. Discharge Pressure	315	bar

CE ISO 9001:2000 MADE IN KOREA

CE ISO 9001:2000

**WARNING** ⚠️

- This equipment works with extremely high pressure. Do not exceed the maximum working pressure of the lowest rated system component.
- Keep clear of all moving parts when starting or operating the pump.
- Do not point the gun at anyone or at any part of the body. Spray from the gun, leaks or ruptured components can inject fluid into your body and cause extremely serious injury.
- Relieve the pressure of the equipment before servicing.
- Read all instruction manuals, tags, and labels before operating the equipment.

Air-Operated Airless Pump		Pro-281	
Serial No.	<input type="text"/>	Stroke	100 mm
Fluid Pressure Ratio	28 : 1	Air Pressure Range	3~7 bar
Output	3.64 L/min	Max. Discharge Pressure	196 bar

MADE IN KOREA

**WARNING** ⚠️

- This equipment works with extremely high pressure. Do not exceed the maximum working pressure of the lowest rated system component.
- Keep clear of all moving parts when starting or operating the pump.
- Do not point the gun at anyone or at any part of the body. Spray from the gun, leaks or ruptured components can inject fluid into your body and cause extremely serious injury.
- Relieve the pressure of the equipment before servicing.
- Read all instruction manuals, tags, and labels before operating the equipment.

**DANGER** ⚠️ **DANGER!** High Pressure Device for Professional Use Only. Read instruction manual before operation, observe all warnings.

**FIRE** -Always keep spray pump in a well ventilated area a minimum of 25' from spray activity to avoid possible fire or explosion with flammable liquids. High velocity flow of material through equipment may create static electricity. All equipment and object being sprayed must be properly grounded to prevent sparking which may cause fire or explosion.

**INJECTION HAZARD** -High pressure spray or application equipment can cause serious injury if the spray penetrates the skin. DO NOT point any high pressure device, gun or nozzle at anyone or any part of the body. DO NOT attempt to deflect or stop leaks in the system by hand. In case of penetration, adequate medical aid must be immediately obtained.

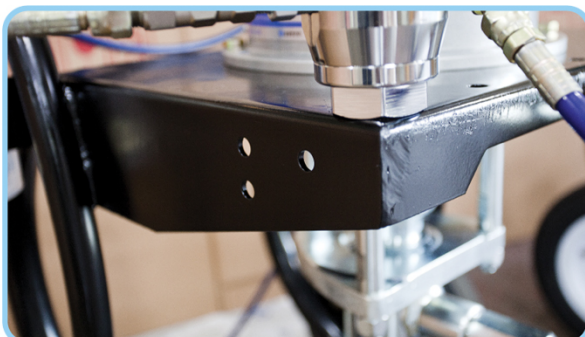




Designed for the worker to be convenient moving of the pump and efficient management of the hoses/guns.



Designed for the worker to be kept tools and accessories in touchable position.



Designed for special options (such as FPR / BPR / Air Regulator) to be installed in suitable position.



Wheels' locking device makes it possible to prevent the pump from dangerous moving which might be caused by pump's vibration or its unstable positioning.



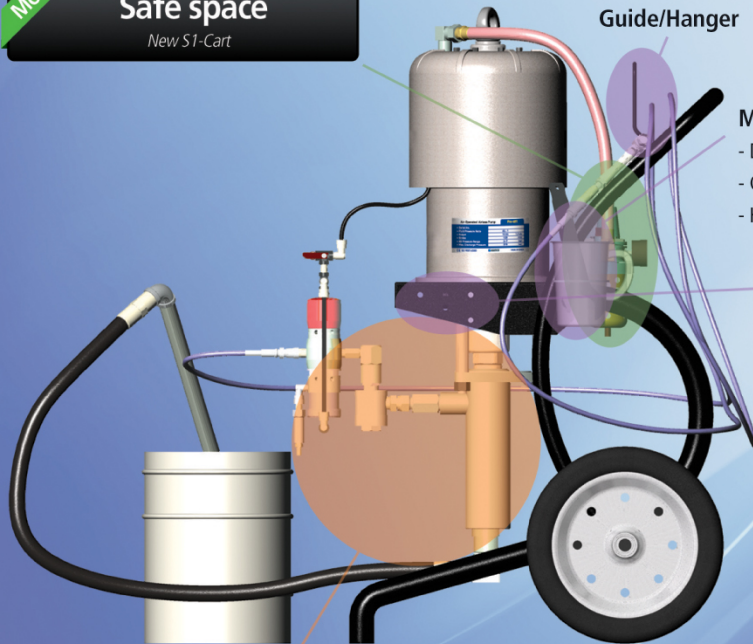
**New S1-Cart**



**HASCO's  
New design for  
strength and  
durability!!**

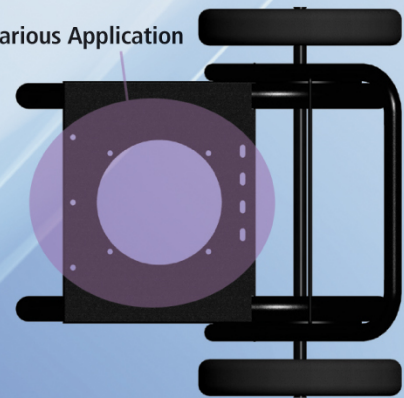
**More**  
**Safe space**  
*New S1-Cart*

**More**  
**Functional structure**  
*New S1-Cart*



**Multipurpose Cup when:**  
- Draining  
- Cleaning Nozzle/Tip/Filter  
- Keeping accessorial parts/tools

**Various Application**



**More**  
**Convenient space**  
*New S1-Cart*