

A-TECH HANDOK CO., LTD was established in January, 1999 on the technical basis of "Handok Painting Machinery co., LTD" We have developed an Airless painting spray pump for the first time in Korea. Also, We have developed quiet airless pump, HQ AIRLESS PUMP, to better working condition for our customers in 2001 and continue to developed good quality airless pump.

We began to supply the airless pump to Hyundai Heavy Industries since 2005, Due to continuous development and progress. Also we are getting a good reputation in the domestic as well as overseas.

Presently, We have exported airless pump to twenty main branch areas in the world. Also we have eight certificates of utility model registration for airless pump and certificates of ISO 9001:2000 & CE. Finally we accepted an award for excellent growth of export and certificate as promising export company by Small And Medium Business Administration.

We promise to keep striving to improve the technology of our airless pump for our customers.













### Certification







New V-Packing

Paint Filter







Safety Bumper

Pipe Painting Auto System







ISO 9001

New Export

RSD Established





Innobiz Certificate

Trade Award Certificate

### History

### 1999

01 Founded as A-TECH HANDOK Co., Ltd.

### 2001

- 02 Developed HQ(High pressure Quiet) Airless Pump
- 08 Certificate of utility model registration of "Paint Filter"

### 2002

09 Installation of agency in Australia

### 2003

- 01 Certificate of utility model registration of "Electric car for transport of airless pump"
- 05 Acquisition Certificate of ISO 9001:2000
- 12 Installation of agency in Singapore

### 2004

06 Installation of agency in India

### 2005

- 06 Safety Cart utility model registration for paint coating machine equipped
- 07 Certificate of utility model registration of "New V-Packing"
- 12 Acquisition Certificate of CE / Supply the Airless pump & Electric Car to Hyundai Heavy Industries

### 2006

- 03 Installation of agency in Netherlands
- 07 Set up "Pipe Painting Auto System" to SJ steel

### 2007

- 02 Accepted an award for excellent growth of export by Small And Medium Business
- 06 Certificate as Promising Export Firm by Small And Medium Business Administration

### 2009

- 08 Acquisition Certificate of ISO 9001:2008
- 09 Acquisition Certificate of venture Company / Acquisition Certificate of INNO-BIZ by Small And Medium Business Administration
- 10 Expension removal in Mora-dong(3000 m²)

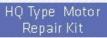
08 Established research and development department

03 Expansion removal in Noksan-dong(5000 m²)



# HQ73:1







HQ73:1 Pump Repair Kit

### Pneumatic Airless Paint Sprayer

High quality pneumatic airless paint sprayer with reliable mechanical transducer. It is used in epoxy, urethane, special high viscosity paint. The discharge pressure of the high pressure pump is up to 400bar. The muffler is attached to prevent hearing loss. It is designed to prevent freezing and pulsation structure. This machine is suitable for construction, cleaning, plant project, shipbuilding.

### » High pressure fluid pump

Equipped with large cylinder diameter & plenty of discharge rate constant and has a longer stroke.

### » Steady best seller

This paint pump is best seller of our company products because it has high pressure. Mainly used where high pressure is required shipbuilding.

### » Air filter and oiler attached

Equipped with air filter regulator and lubricator for easy air line controlling. Surely, prolong the machine's lifetime and performance.

### » Pneumatic big wheels

Equipped with pneumatic wheels for easy moving.

### » Prevent hearing loss

The muffler is attached to prevent hearing loss, and it is designed to prevent freezing and pulsation structure.















HQ24:1 Pump Repair Kit

	HQ73:1	HQ66:1	HQ60:1	HQ50:1	HQ24:1
PRESSURE RATIO	73:1(72:1)	66:1(68:1)	60:1	50:1	24:1
OPERATING AIR PRESSURE	3~7bar	3~7bar	3~7bar	3~7bar	3~7bar
MAX. DELIVERY	11.7liter/min	12.7liter/min	14liter/min	16.3liter/min	32liter/min
MAX DISCHARGE PRESSURE	510bar(7400psi)	480bar(7000psi)	420bar(6100psi)	350bar(5100psi)	170bar(2500psi)
NOISE LEVEL	75~80db	75~80db	75~80db	75~80db	75~80db
AIR MOTOR STROKE	120 mm	120mm	120 mm	120mm	120 mm
AIR INLET SIZE	3/4inch	3/4inch	3/4inch	3/4inch	3/4inch
FLUID INLET SIZE	1inch	1inch	1inch	1inch	1inch
FLUID OUTLET SIZE	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch
WEIGHT	98kg	98kg	98kg	98kg	98kg
CYLINDER DIAMETER	Φ265	Φ265	Φ265	Φ265	Ф265
APPLICATIONS	Shipyards, Construction, Container coating				
TYPICAL FLUID HANDLED	Epoxy primers, Alkyd, Urethane, High Viscosity materials				











HK45:1 Pump Repair Kit

### Pneumatic Airless Paint Sprayer

HK series are the most ideal airless pump for rough painting job. This pump used in construction, cleaning, and container. The best price, and good quality.

### Typical fluid handled

epoxy, alkyd, polyurethane, special high viscosity Paint.

### **Applications**

- » Roof coating
- » Shipyard and Marine Painting
- » Construction
- >> Container coating
- Steel structure
- » High viscosity coating
- » Protective coating





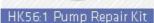


HK68:1 Pump Repair Kit



















### Pneumatic Airless Paint Sprayer

HP series with different pressure ratio, from 10:1 to 48:1 HP series are small size and light weight, ideal furniture painting, factory, steel structure, commercial or industrial painting jobs which last 12 hours every day. HP10:1 is used at the aqueous liquid. Because material of HP10:1 displacement is stainless steel.

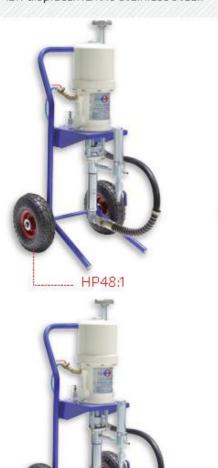
### Applications

- »Shipyard and Marine Painting
- Construction
- Steel structure
- lacquer and varnish
- » Protective coating
- » Furniture
- » Ship maintenance





HP Type Motor Repair Kit



HP201











HP30:1 Pump Repair Kit



HP20:1 Pump Repair Kit



HP10:1 Pump Repair Kit

	HP30:1	HP48:1	HP20:1	HP10:1
PRESSURE RATIO	30:1	48:1	20:1	10:1
OPERATING AIR PRESSURE	3~6.5bar	3~6.5bar	3~6.5bar	3~6.5bar
MAX. DEL IVERY	4liter/min	2.5liter/min	8liter/min	12liter/min
MAX. DISCHARGE PRESSURE	195bar(2800psi)	310 bar (4500psi)	130 bar (1900psi)	65bar(950psi)
AIR INLET SIZE	1/2inch	1/2inch	1/2inch	1/2inch
FLUID INLET SIZE	3/4inch	3/4inch	3/4inch	3/4inch
FLUID OUTLET SIZE	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch
WEIGHT	30kg	30kg	30kg	30kg
APPLICATIONS	Shipyar	ds, Construction, C	ontainer coating,	Furniture
TYPICAL FLUID HANDLED	Enamels, Polyurethane, Normal coating			

### Pneumatic Airless Paint Sprayer

HM series are small size and light weight. The discharge pressure of the high pressure pump is up to 150bar. HM series are used in construction, furniture, ship maintenance.

### **Applications**

- Shipyard and Marine Painting
- » Construction
- Metal structure
- Lacquer and varnish
- » Protective coating
- » Furniture
- » Ship maintenance



### HM Type Motor Repair Kit



HM23:1 Pump Repair Kit



HM16:1 Pump Repair Kit



HM10:1 Pump Repair Kit



HM5:1 Pump Repair Kit









	HM23:1	HM16:1	HM10:1	HM5:1
PRESSURE RATIO	23:1	16:1	10:1	5:1
OPERATING AIR PRESSURE	3~6.5bar	3~6.5bar	3~6.5bar	3~6.5bar
MAX. DELIVERY	2liter/min	4liter/min	6liter/min	12liter/min
MAX. DISCHARGE PRESSURE	150bar(2200psi)	105bar(1500psi)	65bar (950psi)	32bar(470psi)
AIR INLET SIZE	3/8inch	3/8inch	3/8inch	3/8inch
FLUID INLET SIZE	3/4inch	3/4inch	3/4inch	3/4inch
FLUID OUTLET SIZE	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch
WEIGHT	26kg	26kg	26kg	26kg
APPLICATIONS	Shipyard	s, Construction, C	ontainer coating	g, Furniture
TYPICAL FLUID HANDLED	Enamels, Poly ure thane, Normal coating			



	H050:1	H015:1	H010:1	H05:1
PRESSURE RATIO	50:1	15:1	10:1	5:1
OPERATING AIR PRESSURE	3~10bar(50~145psi)	3~10bar(50~145psi)	3~10bar(50~145psi)	3~10bar(50~145psi)
MAX. DELIVERY	3liter/min(0.8gpm)	13liter/min(3.5gpm)	19liter/min(5gpm)	15liter/min(4gpm)
MAX. DISCHARGE PRESSURE	500bar(7200psi)	150bar(2200psi)	100bar(2200psi)	50bar(720psi)
TYPICAL FLUID HANDLED		High viscosity fluid	, Greases, Adesives	







	HX73:1	HX60:1	HX50:1
PRESSURE RATIO	73:1(72:1)	60:1	50:1
OPERATING AIR PRESSURE	3~7bar	3~7bar	3~7bar
MAX. DELIVERY	11.7liter/min	14liter/min	16.3liter/min
MAX. DISCHARGE PRESSURE	510bar(7400psi)	420bar(6100psi)	350bar(5100psi)
NOISE LEVEL	75~80db	75~80db	75~80db
AIR MOTOR STROKE	120 mm	120mm	120mm
AIR INLET SIZE	3/4inch	3/4inch	3/4inch
FLUID INLET SIZE	1inch	1inch	1inch
FLUID OUTLET SIZE	1/4, 3/8inch	1/4, 3/8inch	1/4, 3/8inch
CYLINDER DIAMETER	Φ265	Φ265	Φ265
APPLICATIONS	Shipyar	ds, Construction, Cont	ainer coating
TYPICAL FLUID HANDLED	Epoxy primers, Alkyd, Urethane, High Viscosity materials		

Electric-operated diaphragm airless sprayers boost efficiency of work with portable structure mainly in constuction field, and this is equipped with AC motors.

### **Applications**

- » Shipyard and Marine Painting
- Construction
- » Metal structure
- » lacquer and varnish



	PRO-60N / 60N000	PRO-100N / 100N000
POWER SUPPLY	AC 220V, 50Hz or 60Hz	AC 220V, 50Hz or 60Hz
MAX. OUTPUT(L/min)	6	10
EFFECTIVE PRESSURE(bar)	150-220	150-220
MOTOR POWER	1.5Hp / 1,750rpm	2.0Hp / 3,600rpm
WEIGHT(net/packing,kgs)	42 / 50	63 / 87
DIMENSION (net/packing:cm)	52 x 45x 60 / 57 x 52 x 75	54 x 64 x 70 / 85 x 77 x 85
TYPICAL FLUID HANDLED	ALKYD, WATER	EPOXY, ALKYD, URETHANE, WATER

### LINE SPRAY Equipment

As a machine for Painting the road lines, all easily available, and this work possible in a short time. The Painting also available at a relatively low cost.



## LINE SPRAY

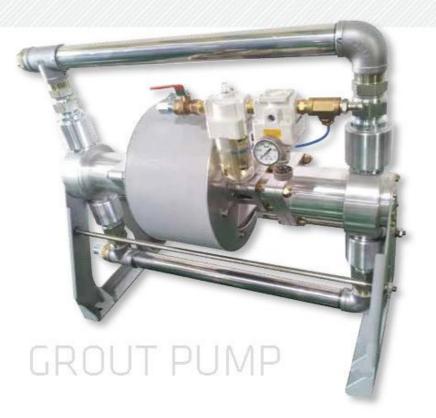
### DOUBLE SPRAY KIT



(For Double lines, You can order double spray kit as optional item)

	LINE SPRAY	
MAX. DELIVERY	10liter/min	
MAX. DISCHARGE PRESSURE	250bar(3600psi)	
ENGINE	5.5HP(Honda)	
DIMENSION(cm)	130 x 85 x 120	
WEIGHT	120kg	
APPLICATIONS	Line Marking	

Grout Pump is smaller size and more light weight than other Grout Pump, It is ideal in the construction field. It is used in grout and special high viscosity paint. The discharge pressure of the pressure pump is up to 140bar.





	HG20:1	HG5:1
PRESSURE RATIO	20:1	5:1
OPERATING AIR PRESSURE	3~7bar	3~7bar
MAX. DELIVERY	14liter/min	55liter/min
MAX. DISCHARGE PRESSURE	140 bar (2000 psi)	35bar(510psi)
AIR MOTOR STROKE	75mm	75mm
APPLICATIONS	Constru	ction, Mixed grout work
TYPICAL FLUID HANDLED	High	viscosity fluid, Grout

### AIRLESS PAINT RAM PUMP

These pumps are used for extruding and atomizing low to high viscosity fluid. Installing a fallow-plate and a special pneumatic ram on the pump, enables it to evacuate from 20 liter up to 200 liter easily, and transfer the fluid efficiently.

**Typical applications** Feeding automatic from fiber or steel drum (truding, streaming, coating), Dispensing sealants and adhesives.

Transferring materials for filling drums, pails, caulking tube or chubs.

### Typical fluid handled

- » Sealant
- » Silicon
- » P.V.C
- » Greases
- » Adhesives
- >> Special high viscosity Paint

### Dimension (cm)

>> 200L : 95(W) x 67(L) x 155(H)
>> 20L : 56(W) x 45(L) x 130(H)





..... HQR60:1 (20L)

	HQR60:1(200L, 20L)
PRESSURE RATIO	60:1
OPERATING AIR PRESSURE	3~7bar
MAX. DELIVERY	12liter/min
MAX. DISCHARGE PRESSURE	420 bar (6100psi)
AIR MOTOR STROKE	120mm
AIR INLET SIZE	3/4inch
FLUID OUTLET SIZE	1/4, 3/8inch
APPLICATIONS	Shipyards, Construction, Container coating, Automobile Painting
TYPICAL FLUID HANDLED	High viscosity fluid, Greases, Adhesives



	HKR55:1 (200L, 20L)
PRESSURE RATIO	55:1
OPERATING AIR PRESSURE	3~7bar
MAX. DELIVERY	10liter/min
MAX. DISCHARGE PRESSURE	390bar(5700psi)
AIR MOTOR STROKE	120mm
AIR INLET SIZE	3/4inch
FLUID OUTLET SIZE	1/4, 3/8inch
APPLICATIONS	Shipyards, Construction, Container coating, Automobile Painting
TYPICAL FLUID HANDLED	High viscosity fluid, Greases, Adhesives



### Typical fluid handled

- » Greases
- » Adhesives
- **≫** Ероху
- » Urethane

Per		pecial high viscosity Paint
		HDR 48:1
	PRESSURE RATIO	48:1
	OPERATING AIR PRESSURE	3~7bar
	MAX. DELIVERY	2.4liter/min
	MAX. DISCHARGE PRESSURE	30 Obar (4400psi)
	AIR INLET SIZE	1/2inch
	WEIGHT	56kg
	DIMENSION(CM)	32(W) x 37(L) X 120(H)
	TYPICAL FLUID HANDLED	Silicone, Sealant, Adhesive, Undercoating, P.V.C Sol, Epoxy, Grease

### Triple 68:1 Booster Pump



### To Spraying Guns

Material pressure could be boosted by helping booster pumps up to 400 bar for some high pressure applications like PVC spraying.

Piping system should be design based on needed flow rate and working pressure.

Some high pressure regulators are used for adjusting material pressure on spraying gun(PVC) or extrusion gun(sealer).

A large number of guns could work without any problem.

The other advantage is supplying material for all manual and robotic applying devices simultaneously without any interruption.

### Pump With Single & Dual Post Ram



These pumps are used for extruding and atomizing low to high vicosity

Installing a fallow-plate and a special pneumatic ram on the pump, enables it to evacuate from 20 lit upto 200 lit easily, and supporting it with a powerful pump lower along with A TOP-K Air motor it can evacuate and transfer the fluids efficiently.

### **ADVANTAGES**

- Servicing, repairing and replacement of the spare parts, as soon as possible.
- » Easy transfer of fluid
- >> High production flow rate
- >> Trouble free application
- » Efficient material use

### TYPICAL FLUIDS HANDELED

- >> Low to high viscosity fluids
- » Different kinds of adhesives
- » Sealants
- » Silicon
- » P.V.C

## ◆ A-TECH HANDOK

### 1000Lit. Dual Ram SEALER & PVC CENTRAL SYSTEM



This system is including central and booster pneumatic pumps.

It is mainly used for car manufacturing industries and some other industries which have massive production and the material feeding point is far from consuming points.

Central system could work by a ram unit with single/double pumps or dual ram units for nonstop working(for this purpose, having an automatic change over system is necessary).

By this solution, pumping viscous material like sealer up to 69.2 lit/min flow rate and Max. 140 bar working pressure in the pipe line from central pumps to booster pumps will be accessible.

### Pumps With Dual Post Ram Equipted with electrical heater

### FEATURES AND BENEFITS

- » New fluid pump section with Severe-Duty construction for extended life.
- » Latest-technology seals extra-long life pump-rod packing prevent leaks.
- > 55gal(200lit) large 6.5in.(165mm)ram cylinders and 5 gal(19lit), 3in. (76mm)dual post ram cylinders provide high pump loading and flow rate capability.
- » High-output per cycle reduces wear for longer life and fewer repair costs.
- » Floating-piston seal and flow-through priming plate improve pump loading of high viscosity materials.
- » Optional MegaFlo high melt-rate platen also reduces material loss.

### TYPICAL APPLICATIONS

- » Feeding automatic and robotic applicators directly from fiber or steel drums (extruding, streaming, coating)
- » Dispensing heated sealants and adhesives to one or more manual operator dispensing station(sealing, product assembly)
- » Transferring raw materials in the formulation of hot melt products.
- Transferring materials for filling drums, pails, caulking tube or chubs.

### TYPICAL FLUIDS HANDLED

- >> Butyl rubber
- Ethylene vinyl acetate(EVA)
- >> Polyamide
- Polyurethane reactive(PUR)
- » Pressure sensitive adhesives(PSA)
- » Polyisobutylene(PIB)
- >> Warm melt sealers



### Pumps With Change Over System Dual Post Ram

Equipted with electrical heater



### FEATURES AND BENEFITS

- » New fluid pump section with Severe-Duty construction for extended life.
- » Latest-technology seals extra-long life pump-rod packing prevent leaks.
- 40gal(200lit) large 6.5in.(165mm)ram cylinders and 5 gal(19lit), 3in. (76mm) dual post ram cylinders provide high pump loading and flow rate capability
- » High-output per cycle reduces wear for longer life and fewer repair costs.
- » Floating-piston seal and flow-through priming plate improve pump loading of high viscosity materials.
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- » Polyisobutylene(PIB)
- Warm melt sealers



### A-TECH HANDOK

### Paint Circulation System [P. M. R]



This system is consisting of some other systems which has the responsibility of Charging, Preparing, Filtering and Circulating of paint for paint lines.

The main application of these systems is in the factories where applying huge amount of paint is needed in different working shift and car manufacturing companies are the most popular ones.

### FEATURES AND BENEFITS

- Pre-assembled and pre-engineered modules allow fast, easy installation for end users.
- Modules packaged and shipped in one crate.
- » High volume 4-ball piston displacement pump for low cycle rate and long intervals between packing replacement.
- » Sanitary Clamp connections for easy cleaning and flushing.

### TYPICAL APPLICATIONS

- » Low pressure, High volume circulation for :
- Automotive assembly plants
- » Automotive component suppliers

### TYPICAL FLUID HANDLED

- » Solvent borne paints and coating
- >> Waterborne paint and coating



### AH-7000

Stainless steel gun body is not well Corrosion Repair kit could be easily replaced.



### AH-5000

Aluminum gun body with light weigh Repair kit could be easily replaced.

	AH-7000	AH-5000
MAX. WORKING PRESSURE	500bar(7300psi)	350bar(5100psi)
BODY MATERIAL	Forged Stainless Steel	Forged Aluminum
INLET CONNECTOR	1/4"	1/4"
OUTLET CONNECTOR	7/8"	M18, 7/8"
WEIGHT	530g	390g
PART NO.	AH-7000	AH-5000



### HH GUN

Max Working pressure

: 500bar(7300psi)

Inlet connector: 1/4", 3/8"

Outlet connector: 7/8"

4-finger Trigger Material :S45C Part No: 071-000



### HS PLUS GUN

Max. Working pressure

: 350bar(5100psi)

Inlet connector: 1/4", 3/8"

Outlet connector: 7/8"

4-finger Trigger, 2-finger Trigger

Material: Forged Aluminum

Part No: 073-000



### AL-3000 GUN

Max. Working pressure

: 300bar(4400psi)

Inlet connector: 1/4", 3/8" Outlet connector: 7/8" Material: Aluminum

Part No : 100-120



### LINER GUN

Max Working pressure : 250bar(3600psi) Inlet connector

:1/4",3/8"

Outlet connector: 7/8" Material: Aluminum Part No : 100-006



### **UL GUN**

Max. Working pressure : 500bar(7300psi)

Weight: 630g

Part No: 775-020



### HIGH PRESSURE HD FLOW GUN

Max. Working pressure

: 510bar(7400psi)

Material: SCM4

Part No: 300-000



### FLOW GUN

Max. Working pressure : 410bar(6000psi)

Part No: 400-000



### **AUTO GUN**

Max Working pressure : 510bar(7400psi)

Material: S450 Part No: 060-001



### **AUTO GUN**

Max. Working pressure :350bar (5100psi)

Material: S450 Part No: 075-000



### **DELIVERY VALVE**

Max Working pressure : 510bar(7400psi)

Material: S450 Part No: 060-002

### **POLE GUN**



	MAX PRESSURE	LENGTH	Part No(Carbon / Stainless)	WEIGHT	
SCM Pole gun		0.9M	073-100 / 073-100-1	680g	
(Tube : Carbon steel)	Facility	1.2M	073-120 / 073-120-1	720g	
	– 510bar 7 (7400psi)	1.5M	073-150 / 073-150-1	800g	
SCM Pole gun (Tube : Stainless steel)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.8M	073-180 / 073-180-1	930g	
(Tube : Stalliless steel)		2.4M	073-240 / 073-240-1	1400g	







### AOPR(Air Operated Pressure Regulator)

- » Pressure control device for injecting a fluid at a constant pressure.
- » Fluid in out : 3/4"
- >> Proper pressure : 70~350bar(1000~5100psi)
- » Part No. 100-502-1

### FPR(Fluid Pressure Regulator) BPR(Back Pressure Regulator)

- » Pressure control device for injecting a fluid at a constant pressure.
- » Proper pressure : 25~350bar(370~5100psi)
- FPR Part No 100-502 / BPR Part No. 100-501



- » Hose Swivel Nipple(1/4"x1/4")
- Part No. 099-012
- » Hose Swivel Nipple(3/8"x3/8")
  - Part No. 099-011
- » Hose Swivel Nipple(3/8"x1/4")
- Part No. 099-013



- » Gun Swivel Nipple(1/4"x1/4")
  - Part No. 099-010
- » Gun Swivel Nipple(3/8"x3/8")
- Part No. 099-01101
- » Gun Swivel Nipple(1/2"x1/2")
  - Part No. 099-014



- » Z-swivel Nipple(1/4"x1/4")
  - Part No. 099-018
- » Z-swivel Nipple(3/8"x3/8")
- Part No. 099-016
- » Z-swivel Nipple(1/2"x1/2")
  - Part No. 099-017



- » Filter Swivel Nipple[1/4"\*1/4"]
- Part No. 099-01001



» Hose Nipple

(1/4"x1/4", 1/4"x3/8", 3/8"x3/8")

- 1/4"x1/4" Part No. 100-019
- 1/4"x3/8" Part No. 100-021
- 3/8"x3/8" Part No. 100-020



- » Gun Nozzel
- Part No. 099-009
- » Pole Gun Nozzle
  - Part No. 099-008



- » Tip Filer Housing M18, 7/8"
- Part No. 099-01001



- » Sanding Nozzle (Ø9.5, Ø12.5, Ø14.5)
  - Ø9.5 Part No. SDN-095
  - Ø12.5 Part No. SDN-125
  - Ø14.5 Part No. SDN-145







- Surge Filter (#40, #60, #80, #100) Suction Filter (3/4", 1")
  - #40 Part No. STF-040
  - #60 Part No. STF-060
  - #80 Part No. STF-080
  - #100 Part No. STF-100
- 3/4"(40#) Part No. SF-034
- 3/4"(60#) Part No. SF-034-1
- 1"(40#) Part No. SF-010
- 1"(60#) Part No. SF-010-1
- » Long Filter (#40, #60, #100)
  - #40 Part No. LF-040
  - #60 Part No. LF-060
- #100 Part No. LF-100





- » Tip Filter (#30, #40, #60, #80, #100, #200)
- #30 Part No. 820-030
- #40 Part No. 820-040
- #60 Part No. 820-060
- #80 Part No. 820-080
- #100 Part No. 820-100
- #200 Part No. 820-200
- » Adaptor (M18 x 7/8") - Part No. 800-002







- 1/2 Part No. 301-402
- 3/8 Part No. 451-401
- 3/4 Part No. 731-401



» Air Regulator Package

- Part No. 731-405



- » 390 Rod
  - Part No. 390-001
- » 495 PRO Rod
  - Part No. 495-001



- » 1000 Rod
  - Part No. 100-001
- » 1000 Sleeve
  - Part No. 100-002



- » 1500 Rod
  - Part No. 150-001
- » 1500 Sleeve
  - Part No. 150-002



- » 1595 Rod
  - Part No. 159-001
- » 1595 Sleeve
  - Part No. 159-002



- » Extention Bar(S45C) [0.3M, 0.5M, 0.7M, 1M]
  - 0.3M Part No. HE-003
  - 0.5M Part No. HE-005
  - 0.7M Part No. HE-007
  - 1M Part No. HE-010

- Extention Bar(AL) [0.3M, 0.5M, 0.7M, 1M]
- 0.3M Part No. LE-003
- 0.5M Part No. LE-005
- 0.7M Part No. LE-007
- 1M Part No. LE-010

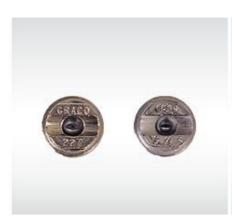








- » Standard Tip Guard 11/16" - Part No. 800-003-2
- » Standard Tip Guard 7/8"
- Part No. 800-003-1



» Standard Tip - Part No. 269-000, 163-000



» Switch Tip - Part No. 286-000



» Switch Tip & Standard Tip



» 495 PRO Sleeve - Part No. 495-002



» Paint Hose 1/4" x15M - Part No. 810-004



» Paint Hose 3/8"x15M - Part No. 810-005

### Agitator Air Motor (1AM, 2AM, 4AM, 6AM)



1AM

H.P: 1/3hp Part No. 100-022 Max. Capacity: 20L



### 2AM

H.P: 3/4hp Part No. 100-023 Max. Capacity: 200L



### 4AM

H.P: 11/2hp(1.12kw) Part No. 100-024 Max. Capacity: 200L



### 200L Drum Type Agitator

Standard Capacity: 200L Application Air Motor

:2AM, 4AM

[Part No.]

Hand Agitator 2AM

: A200-002

Hand Agitator 4AM

: A200-004



### Hand Agitator

Standard Capacity: 200L Application Air Motor

: 1AM, 2AM, 4AM

[Part No.]

Hand Agitator 1AM

: A2040-00201

Hand Agitator 2AM

: A2040-00202

Hand Agitator 4AM

: A2040-00204



### Hand Agitator(Fan type)

Standard Capacity: 40L Application Air Motor:

: 1AM, 2AM, 4AM

[Part No.]

Hand Agitator 1AM

: A2040-00101

Hand Agitator 2AM

: A2040-00102

Hand Agitator 4AM

: A2040-00104

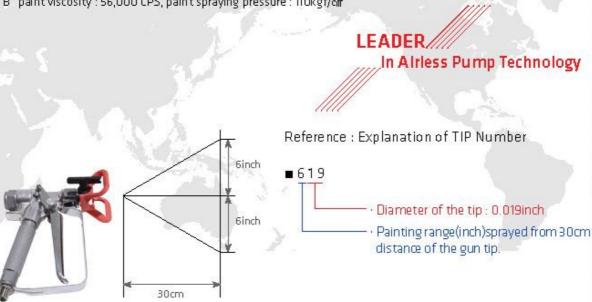




### Table of the Tip-Connected Number

TIP MODEL	CAPACITY			RANGE OF ANGLE							
OFINSIDE	SPOUT	ING OIL	1	2	3	4	5	- 6	7	8	9
DIAMETER	Α	В	(50-100)	(100-150)	(150-200)	(200-250)		(310-360)		(410-460)	
07	0.15		107	207	307	407	V VI				-0
09	0.27		109	209	309	409	509	609	2012/12/2004		Ž.
11	0.42		111	211	311	411	511	611	711	C - 12-13X-1	
13	0.61		113	213	313	413	513	613	713	813	
15	0.80		115	215	315	415	515	615	715	8 15	
17	1.02		117	217	317	417	517	617	717	817	917
19	1.29		119	219	319	419	519	619	719	8 19	919
21	1.59		121	221	321	421	521	621	721	821	921
23	1.89			223	323	423	523	623	723	823	923
25	2.27			225	325	425	525	625	725	825	925
27	2.65	0.87		227	327	427	527	627	727	827	927
29	3.07	1.10		229	329	429	529	629	729	829	929
31	3.52	1.36		231	331	431	531	631	731	831	931
33	3.97	1.70		233	333	433	533	633	733	833	933
35	4.50	2.08		235	335	435	535	635	735	835	935
37	5.03	2.54		237	337	437	537	637	737	837	937
39	5.60	3.36		239	339	439	539	639	739	839	939
43	6.85	5.11		ki (6	343	443	543	643	743	843	3:
47	8.14	7.15			347	447	547	647	747	847	
51	9.69	9.27		83 - 83	351	451	551	651	751	8	3
55	11.32	11.92		(C) (C)	-	455	555	655	755		3:
59	8	15.14		60 68	-	459	559	659	759	8	39
63	0 0	18.93		(V) (S)	-	463	563	663	763	8-	39
67				4. 9.			567	667		:	22
71				s 3			1 12	671			22

- 1. Tips out of bold line should be ordered after confirmation of out stock and delivery date.
- 2. Range of angle is based on 30cm spray distance.
- 3. Capacity of spouting oil is based on following conditions.
  - "A" paint viscosity: 250 CPS, paint spraying pressure: 110kgf/cm
  - "B" paint viscosity: 56,000 CPS, paint spraying pressure: 110kgf/cm



\* All specification can be changed for improving quality without prenotification



### We Always Do Our Best For Our Customer's Satisfaction!



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