

Acquired **CE**
ISO9001, ISO14001

DSTech

Solutions for Spraying System

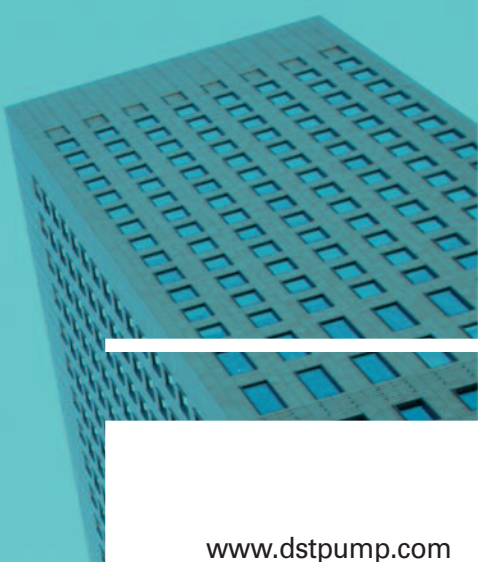


 **DST**
DSTech Co.,LTD.
www.dstpump.com



DSTech

Solutions for Spraying System



Since 2003, our products include
airless paint sprayer and accessories.

The market is changing:
For this reason DSTech spends its time to the
constant technological innovation.
We are developing new machines all the time and testing and
shipping to more than forty countries in the world.

www.dstpump.com

PNEUMATIC AIRLESS SPRAY PUMP

DSTech offers you high performance and design, which is optimized for heavy duty use and gives you the opportunity to solve a range of spraying work. The use of airless spraying technology allows works to be done in area where other conventional, extreme works in industrial area as well as shipyards. Our new technology is ideal for coating with easy repair, less pressure pulsation with anti-freezing.

Today, most customers have recognized the best advantage of our new technologies. Our spray equipment specially designed to make the best coating surface and is surely the most dominant method that will use the near future.

**DST new technology can be used for harsh applications in an immense
variety of markets.**

Shipyard Oilfield/pipe industries
Car plant Construction
Bridge Mine
Chemical plants Marine

PUMP

Air powered Airless spray pump

PNEUMATIC AIRLESS PUMP
HEAVY DUTY SPRAYING WORK

AC(ex-N270) PUMP SERIES +

Heavy duty air regulator
Water drain system from the air motor
Ice breaking button
Anti-freezing ventilation system
Quick repair
Air motor size 10.6"

APPLICATION

- Roofing
- Construction
- Metal structure
- High viscosity coating
- Protective coating Shipyards



TECHNICAL DATA	ACN471 (ex-N471)	ACN551 (ex-N551)	ACN631 (ex-N631)	ACN751 (ex-N751)	ACN951 (ex-N951)
FLUID PRESSURE RATIO	47:1	55:1	63:1	75:1	95:1
DELIVERY(LITER)/MIN	18.7	16.2	14	11.7	9.3
CC PER CYCLE	311	270	233	195	155
MAX. PUMP SPEED / MIN	60	60	60	60	60
AIR MOTOR DIAMETER(INCH;MM)	10.6(270)	10.6(270)	10.6(270)	10.6(270)	10.6(270)
STROKE LENGTH(MM)	130mm	130mm	130mm	130mm	130mm
AIR POWERED RANGE(BAR)	2-7	2-7	2-7	2-7	2-7
MAXIMUM PRESSURE(PSI;BAR)	4771(329)	5583(385)	6396(441)	7614(525)	9645(665)

Stainless steel material is available.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

FEATURES +

Convex piston plate and housing structure

Water that collects in the air motor can make the pump freezing. However, convex piston plate and housing structure quickly drain water from inside the air motor. It keeps the air motor clean inside, and keeps it from freezing.

Manual re-start button

This allows manual re-start when pump freezes. Small particles like sand or grit disturb operation. Just push the button when the pump stops.

Anti-freezing ventilation system

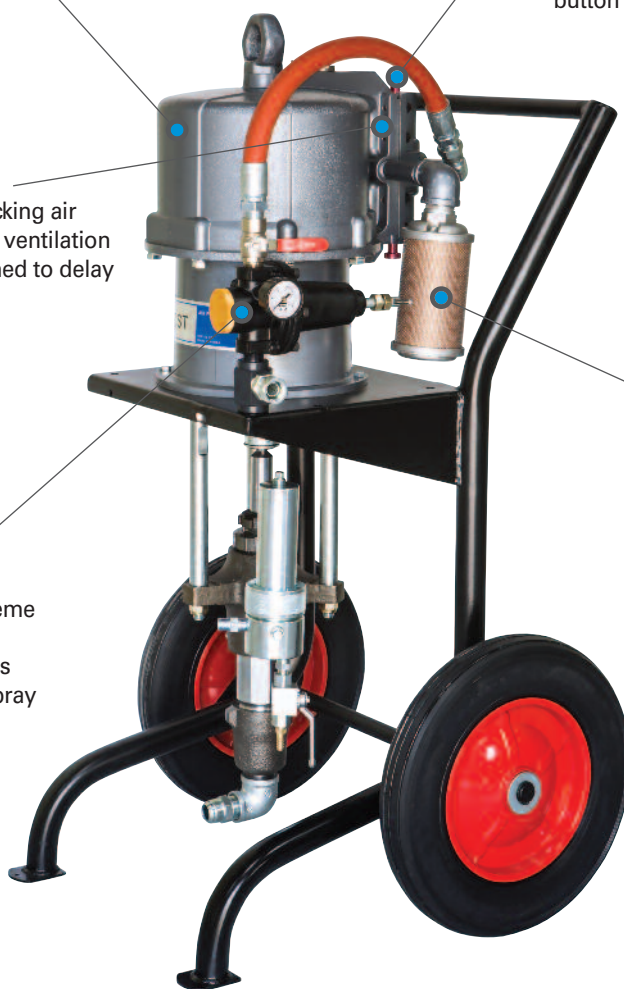
Cold air can freeze the air line, blocking air from coming out. The anti-freezing ventilation system of this new pump is designed to delay airline freezing.

Heavy-duty air regulator

This air regulator will work in extreme work conditions like sand blasting. Also, high input air volume reduces pulsation and gives more stable spray pressure.

Silencer

This reduces noise.



- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PUMP

Air powered Airless spray pump

PNEUMATIC HIGH PRESSURE WASHER
TRANSFER PUMP

AC(ex-N270) PUMP SERIES +

Excellent balance for a wide viscosity range
Safe to operate in hazardous locations
Quick, easy and efficient method to clean the toughest environment
Efficient cleaning with hot or cold water, detergent or chemical solutions
Supports two guns on one unit for multiple operators

APPLICATION

- Transfer pump
- Effective cleaning with water
- Detergent or chemical solutions
- Available with multiple guns
- All parts are stainless steel
- Ideal for zinc spraying



TECHNICAL DATA	ACD321 (ex-N321(SST))
FLUID PRESSURE RATIO	32:1
DELIVERY(LITER)/MIN	27.8
CC PER CYCLE	464
AIR MOTOR DIAMETER(INCH;MM)	10.6(270)
STROKE LENGTH(MM)	130
AIR POWERED RANGE(BAR)	2-7
MAXIMUM PRESSURE(PSI;BAR)	3248(224)
MAX PUMP SPEED / MIN	60

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PNEUMATIC AIRLESS PUMP
HEAVY DUTY SPRAYING WORK

AK(ex-DXT) PUMP SERIES +

Heavy duty air regulator
Conventional spraying work.
Easy repair for displacement
Air motor size 10"

APPLICATION

- Roofing
- Construction
- Metal structure
- High viscosity coating
- Protective coating
- Shipyards



TECHNICAL DATA	AKX401 (ex-DXT40-1)	AKX451 (ex-DXT45-1)	AKX561 (ex-DXT56-1)	AKX681 (ex-DXT68-1)	AKX831 (ex-DXT83-1)
FLUID PRESSURE RATIO	40:1	45:1	56:1	68:1	83:1
DELIVERY(LITER)/MIN	18.2	15.8	13.7	11.4	9.1
CC PER CYCLE	304	263	228	190	151
MAX. PUMP SPEED / MIN	60	60	60	60	60
AIR MOTOR DIAMETER(INCH;MM)	10(254)	10(254)	10(254)	10(254)	10(254)
STROKE LENGTH(MM)	127	127	127	127	127
AIR POWERED RANGE(BAR)	1-7	1-7	1-7	1-7	1-7
MAXIMUM PRESSURE(PSI;BAR)	4060(280)	4568(315)	5685(392)	6903(476)	8426(581)

Stainless steel material is available.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PNEUMATIC HIGH PRESSURE WASHER
TRANSFER PUMP

AK(ex-DW) PUMP SERIES +

Excellent balance for a wide viscosity range
Safe to operate in hazardous locations
Quick, easy and efficient method to clean the toughest environment
Efficient cleaning with hot or cold water, detergent or chemical solutions
Supports two guns on one unit for multiple operators

APPLICATION

- Transfer pump
- Effective cleaning with water
- Detergent or chemical solutions
- Available with multiple guns
- All parts are stainless steel
- Ideal for zinc spraying



TECHNICAL DATA	AKD281 (ex-D180)
FLUID PRESSURE RATIO	28:1
DELIVERY(LITER)/MIN	27
CC PER CYCLE	452
AIR MOTOR DIAMETER(INCH;MM)	10(254)
STROKE LENGTH(MM)	127
AIR POWERED RANGE(BAR)	2-7
MAXIMUM PRESSURE(PSI;BAR)	2842(196)
MAX PUMP SPEED / MIN	60

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PNEUMATIC AIRLESS PUMP
HEAVY DUTY SPRAYING WORK

AK(ex-DK) PUMP SERIES +

Heavy duty air regulator
Conventional spraying work.
Air motor size 10"

APPLICATION

- Roofing
- Construction
- Metal structure
- High viscosity coating
- Protective coating
- Shipyards



TECHNICAL DATA	AKK451 (ex-DK45-1)	AKK631 (ex-DK63-1)
FLUID PRESSURE RATIO	45:1	63:1
DELIVERY(LITER)/MIN	15.8	12.2
CC PER CYCLE	263	203
MAX. PUMP SPEED / MIN	60	60
AIR MOTOR DIAMETER(INCH;MM)	10(254)	10(254)
STROKE LENGTH(MM)	127	127
AIR POWERED RANGE(BAR)	1-7	1-7
MAXIMUM PRESSURE(PSI;BAR)	4568 (315)	6396(441)

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PUMP

Air powered Airless spray pump

PNEUMATIC AIRLESS PUMP
HIGH VISCOSITY COATINGS

AK RAM PUMP SERIES + - FULL TWO POST DRUM TYPE

High flow rates and high fluid pressures increase production rates
High output per cycle reduces wear for longer life and lower repair costs

Ideal for spraying hot-potted PFP epoxy
Powerful Check-mate type pump
Easy maintenance
Highly efficient air motor
Ideal for high-viscosity coatings

APPLICATION

- Typical fluids handled
- Inks
- Sealants
- Mastics
- Adhesive
- Lubricants



TECHNICAL DATA	AKL-651
FLUID PRESSURE RATIO	65:1
DELIVERY(LITER)/MIN	12
CC PER CYCLE	200
MAX. PUMP SPEED / MIN	60
AIR MOTOR DIAMETER(INCH;MM)	10(254)
STROKE LENGTH(MM)	127
AIR POWERED RANGE(BAR)	1-7
MAXIMUM PRESSURE(PSI;BAR)	6599(455)
SIZE	1,060×620×1,585mm
MAX HEIGHT	2,650mm
WEIGHT	268kg

PNEUMATIC AIRLESS PUMP
HIGH VISCOSITY COATINGS

AK RAM PUMP SERIES + - HALF TWO POST CAN TYPE

High flow rates and high fluid pressures increase production rates
High output per cycle reduces wear for longer life and lower repair costs

Ideal for spraying hot-potted PFP epoxy
Powerful Check-mate type pump
Easy maintenance
Highly efficient air motor
Ideal for high-viscosity coatings

APPLICATION

- Typical fluids handled
- Inks
- Sealants
- Mastics
- Adhesive
- Lubricants



TECHNICAL DATA	AKS-651
FLUID PRESSURE RATIO	65:1
DELIVERY(LITER)/MIN	12
CC PER CYCLE	200
MAX. PUMP SPEED / MIN	60
AIR MOTOR DIAMETER(INCH;MM)	10(254)
STROKE LENGTH(MM)	127
AIR POWERED RANGE(BAR)	1-7
MAXIMUM PRESSURE(PSI;BAR)	6599(455)
SIZE	560x340x1,450mm
MAX HEIGHT	1,850mm
WEIGHT	142kg

PUMP

Air powered Airless spray pump

PNEUMATIC AIRLESS PUMP
HEAVY DUTY SPRAYING WORK

AB(ex-DBX) PUMP SERIES +

Heavy duty air regulator
Conventional spraying work.
Easy repair for displacement
Air motor size 7"

APPLICATION

- Construction
- Metal structure
- Medium viscosity coating
- Protective coating
- Ship maintenance



TECHNICAL DATA	ABX281 (ex-DBX28-1)	ABX331 (ex-DBX33-1)
FLUID PRESSURE RATIO	28:1	33:1
DELIVERY(LITER)/MIN	13.6	11.4
CC PER CYCLE	227	190
MAX. PUMP SPEED / MIN	60	60
AIR MOTOR DIAMETER(INCH;MM)	7(178)	7(178)
STROKE LENGTH(MM)	127	127
AIR POWERED RANGE(BAR)	1-7	1-7
MAXIMUM PRESSURE(PSI;BAR)	2842(196)	3350(231)

Stainless steel material is available.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PNEUMATIC AIRLESS PUMP
NORMAL SPRAYING WORK

AP(ex-DP) PUMP SERIES +

The ultimate combination of
power and portability
Light weight / Easy move
Air motor size 4.25"

APPLICATION

- Construction
- Metal structure,
- Medium viscosity coating
- Protective coating
- Ship maintenance
- Wood coating
- High pressure washer (SST)



TECHNICAL DATA	APH101 (ex-DP10-1(SST))	APP301 (ex-DP30-1)	APP501 (ex-DP50-1)
FLUID PRESSURE RATIO	10:1	30:1	50:1
DELIVERY(LITER)/MIN	11.4	3.7	2.1
CC PER CYCLE	191	61	36
AIR MOTOR DIAMETER(INCH;MM)	4.25(108)	4.25(108)	4.25(108)
STROKE LENGTH(MM)	102	102	102
AIR POWERED RANGE(BAR)	2-7	2-7	2-7
MAXIMUM PRESSURE(PSI;BAR)	1015(70)	3045(210)	5076(350)

Stainless steel material is available.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PUMP

Air powered Airless spray pump

PNEUMATIC AIRLESS PUMP
NORMAL SPRAYING WORK

AM(ex-DM) PUMP SERIES +

The ultimate combination of
power and portability
Light weight / Easy move
Air motor size 3"

APPLICATION

- Construction
- Metal structure
- Medium viscosity coating
- Protective coating
- Ship maintenance
- Wood coating



TECHNICAL DATA	AMH051 (ex-DM5-1(SST))	AMM151 (ex-DM15-1)	AMM231 (ex-DM23-1)
FLUID PRESSURE RATIO	5:1	15:1	23:1
DELIVERY(LITER)/MIN	8.7	2.7	1.6
CC PER CYCLE	145	45	27
AIR MOTOR DIAMETER(INCH;MM)	3(76)	3(76)	3(76)
STROKE LENGTH(MM)	76	76	76
AIR POWERED RANGE(BAR)	2-7	2-7	2-7
MAXIMUM PRESSURE(PSI;BAR)	507(35)	1522(105)	2334(161)

Stainless steel material is available.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

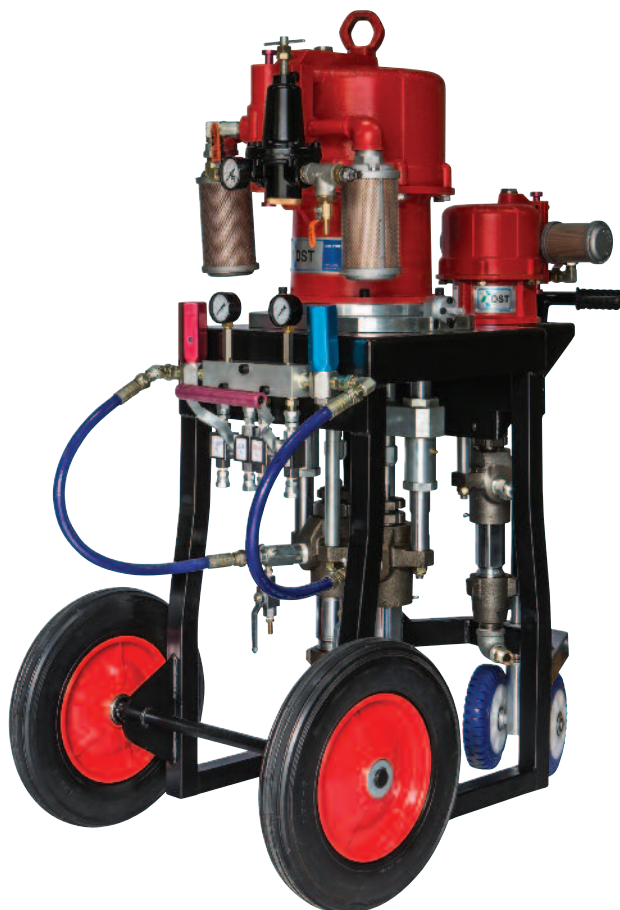
PNEUMATIC TWO COMPONENT
SPRAY SYSTEM

AN(ex-N2K) PUMP SERIES +

Mixing and atomization for high-viscosity
High-solid coating
Patented air motor adjustment
system for balance
Unified displacement and guides
Easy repair
Anti-freezing ventilation system

APPLICATION

- Ship Building & Marine
- Structural steel coating
- Rust Proofing
- Pipe and tank coating
- Corrosion Control
- Roof coating



TECHNICAL DATA	ANP101 (ex-N2K-1:1)	ANP151 (ex-N2K-1.5:1)	ANP201 (ex-N2K-2:1)	ANP251 (ex-N2K-2.5:1)	ANP301 (ex-N2K-3:1)	ANP401 (ex-N2K-4:1)
VOLUME MIX RATIO(CC)	1:1(93:93)	1.5:1(93:62)	2:1(129:62)	2.5:1(155:62)	3:1(155:52)	4:1(155:39)
FLUID PRESSURE RATIO	80:1	95:1	80:1	68:1	71:1	76:1
TOTAL DELIVERY(CC)/CYCLE	186	155	191	222	211	199
FLUID FLOW AT 60 CPM(LITER)	11.1	9.3	11.47	13.34	12.7	11.9
MAXIMUM PRESSURE(PSI;BAR)	8121(560)	9644(665)	8121(560)	6903(476)	7207(497)	7716(532)

Contact to us if you need special mixing ratio.

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

PUMP

Air powered Airless spray pump

AIR ASSISTED PUMP
COMMERCIAL SPRAYING WORK

AV(AA Type) PUMP SERIES +

Equipped with the highest
technology air motor with low
air consumption, low noise levels

Easy and stable operation
through full operational control panel.

Specially proper for,
All types of commercial painting

APPLICATION

- Light, moderate & heavy
- General metal finishing
- Wood finishing
- Plastic finishing etc.



TECHNICAL DATA	AVS281 Air Assisted
FLUID PRESSURE RATIO	28:1
DELIVERY(LITER)/MIN	8.1
CC PER CYCLE	135
MAX. PUMP SPEED / MIN	60
AIR MOTOR DIAMETER(INCH;MM)	6.5(165)
STROKE LENGTH(MM)	90
AIR POWERED RANGE(BAR)	2-7
MAXIMUM PRESSURE(PSI;BAR)	2900(200)

PNEUMATIC AIRLESS PUMP
NORMAL SPRAYING WORK

AV(ex-N165) PUMP SERIES +

Water drain system from the air motor
Ice breaking button
Anti-freezing ventilation system
Quick repair
Light weight / Easy move
Air motor size 6.5"

APPLICATION

- Construction
- Metal structure
- High and middle viscosity coating
- Protective coating
- Wood coating
- AA spraying
- Shipyard



TECHNICAL DATA	AVX281 (ex-NX281)	AVX351 (ex-NX351)	AVX441 / AVS441 (ex-NX441,N441)	AVX601 (ex-NX601)
FLUID PRESSURE RATIO	28:1	35:1	44:1	60:1
DELIVERY(LITER)/MIN	8.1	6.4	5.2	3.8
CC PER CYCLE	135	107	87	64
MAX. PUMP SPEED / MIN	60	60	60	60
AIR MOTOR DIAMETER(INCH;MM)	6.5(165)	6.5(165)	6.5(165)	6.5(165)
STROKE LENGTH(MM)	90	90	90	90
AIR POWERED RANGE(BAR)	2-7	2-7	2-7	2-7
MAXIMUM PRESSURE(PSI;BAR)	2842(196)	3553(245)	4467(308)	6091(420)

- All packages completely tested and ready to spray
- Spray a variety of fluids from conventional coating to high performance corrosion control coating

FLUID REGULATORS +



RBN series (BACK PRESSURE REGULATOR)

Regulator back pressure to gun and maintain proper pressure
For circulation in high pressure spray circulation system
P/N : B140-100(0-70bar), B140-200(70-207bar)



RFN (FLUID PRESSURE REGULATOR)

Control and regulate fluid pressure to one spray gun,
dispensing valve or atomizing head in airless spray system.
P/N : F380-100(14-70bar), F380-200(70-207bar)



RMN (MASTIC FLUID REGULATOR)

Max inbound fluid pressure : 344bar
Control downstream pressure for mastic or semi-solid material.
Provide precise pressure control to each spray gun
Install a regulator ahead of each spray gun or extruder gun
P/N : R460-000



RLI (LOW PRESSURE FLUID REGULATOR)

For accurate control of fluid pressure to one spray gun,
dispensing valve, or atomizing head
Material : stainless steel
P/N : R107-100



RFN (FLUID PRESSURE REGULATOR)

Control and regulate fluid pressure to one spray gun,
dispensing valve or atomizing head in airless spray system.
P/N : R470-100(34-140bar), R470-200(34-220bar),
R470-300(100-340bar)

AIRLESS GUNS +



GH series (510BAR GUN)

G510-400 ~ G510-403

Pressure rated at 7,396psi(510bar)

Suitable for high viscosity material or industrial spraying job as well as texture paint spraying.

Tungsten carbide ball and seat assure wear-resistance



GPB (PFP GUN)

G530-400 ~ G530-403

Pressure rated at 7,396psi(510bar)

Suitable for high viscosity material or PFP spraying job.

Tungsten carbide ball and seat assure wear-resistance



GS series (S-P GUN)

G830-200 ~ G830-203, G830-400 ~ G830-403

Pressure rated at 5,000psi(350bar)

Tungsten carbide ball and seat assure wear-resistance



GL series (S-P GUN)

G831-200 ~ G831-203, G831-400 ~ G831-403

Light weight type.

Four finger and two finger trigger are available.

AIRLESS GUNS +



GC series (C-T GUN)

G840-200 ~ G840-203, G840-400 ~ G840-403

Pressure rated at 3,600psi(250bar)

Tungsten carbide ball and seat assure wear-resistance

Stainless steel swivel, needle, seat and two finger trigger are available



GD series (C-T GUN)

G841-200 ~ G841-203, G841-400 ~ G841-403

Light weight type

Four finger and two finger trigger are available

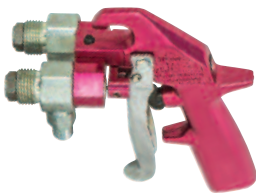


GAC (AA GUN)

G850-000 Pressure rated at 3,600psi(250bar)

Weight : 490g

Tip filter can be inserted



GTC (TWO HEAD GUN)

G861-400 ~ G861-403

Pressure rated at 5,000psi(350bar)

Two component spraying

Tungsten carbide ball and seat assure wear-resistance



GIC (INLINE GUN)

G740-000

Pressure rated at 5,000psi(350bar)

Excellent fluid control of high viscosity sealants and adhesive.

Inlet : 1/4" NPS

AIRLESS GUNS +



GUC (U-T GUN)

G330-200, G330-100

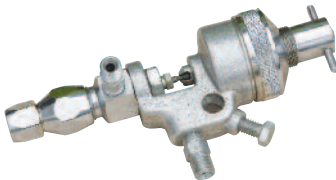
Pressure rated at 5,000psi(350bar)
Tungsten carbide ball and seat assure wear-resistance
Easy trigger pulling for precise material dispense.



GV series (HV U-T GUN)

G340-100, G340-200, G340-300, G340-400

Handle easy to depress, no exertion required.
Special o-ring structure



GT series (AUTO GUN)

G751-100, G751-200, G751-300, G751-400

Pressure rated at 3,600psi(250bar)
Applied to zinc material, fabricated heavy materials.



GF (AUTO GUN)

G761-100, G761-200, G761-300, G761-400

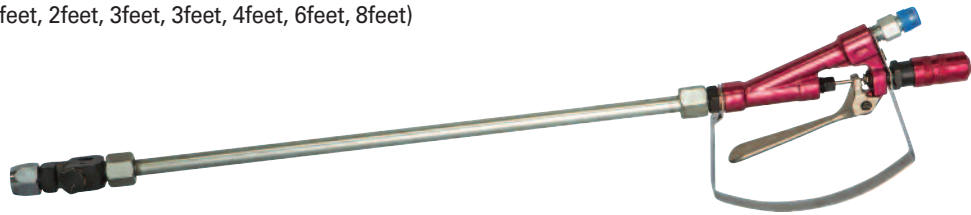
Pressure rated at 3,600psi(250bar)
Ensuring consistence fluid flow
Light weight type

AIRLESS GUNS +

GLC (POLE GUN)

Pressure rated at 5,000psi(350bar)
Tungsten carbide ball and seat assure wear-resistance
Leather packings for a long life time
Available all sizes (1feet, 2feet, 3feet, 3feet, 4feet, 6feet, 8feet)

G731-100
G732-100
G733-100
G734-100
G736-100
G738-100



GSC (L-STRONG POLE GUN)

Leather packings for a long life time
Available all sizes (1feet, 2feet, 3feet, 3feet, 4feet, 6feet, 8feet)
Braces linking the outer and inner tube maintain quick spray speed.
The use of glass fiber adds to strength and minimize bending.
Patented.

G721-100
G722-100
G723-100
G724-100
G726-100
G728-100



GEC (U-T POLE GUN)

Tungsten carbide ball and seat assure wear-resistance
Easy trigger pulling for precise material dispense
Available all sizes (1feet, 2feet, 3feet, 3feet, 4feet, 6feet, 8feet)
Braces linking the outer and inner tube maintain quick spray speed.
The use of glass fiber adds to strength and minimize bending.
Patented.

G351-100
G352-100
G353-100
G354-100
G356-100
G358-100



HOSE +



HP series (AIRLESS PAINT HOSE)

Light weight, excellent flexibility for operations.
Excellent resistance to high pressure and safe construction for the application.
Standard : length 15m ; female both ends ; spring guards both ends

Part No	Size	Maximum working pressure	Minimum burst pressur
One textile braid hose			
H1T1-015	3/16	4,000PSI 300kgf/cm ²	12,000PSI 900kgf/cm ²
H1T2-015	1/4	4,000PSI 300kgf/cm ²	12,000PSI 900kgf/cm ²
H1T3-015	3/8	3,400PSI 240kgf/cm ²	10,200PSI 720kgf/cm ²
One wire braid hose			
H1W1-015	3/16	7,000PSI 500kgf/cm ²	21,000PSI 1,500kgf/cm ²
H1W2-015	1/4	6,000PSI 420kgf/cm ²	17,000PSI 1,260kgf/cm ²
H1W3-015	3/8	4,900PSI 350kgf/cm ²	17,000PSI 1,050kgf/cm ²
One wire and one texture braid hose			
HTW2-015	1/4	7,800PSI 550kgf/cm ²	23,000PSI 1,650kgf/cm ²
HTW3-015	3/8	6,400PSI 450kgf/cm ²	19,000PSI 1,350kgf/cm ²
HTW4-015	1/2	5,000PSI 350kgf/cm ²	15,000PSI 1,050kgf/cm ²
One wire and one aramid braid hose			
HAW2-015	1/4	11,700PSI 820kgf/cm ²	35,000PSI 2,460kgf/cm ²
HAW3-015	3/8	8,700PSI 620kgf/cm ²	26,000PSI 1,860kgf/cm ²
HAW4-015	1/2	7,000PSI 520kgf/cm ²	21,000PSI 1,560kgf/cm ²

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SUCTION HOSE

Size
Male(1") x Male(1") - Coupling type
Female(3/4") x Male(3/4")
Female(1") x Male(1") - Flange type
Female(1") x Male(1")

HOSE +



HAC(AIRLINE HOSE)

Light weight(40% lighter than rubber hose)
Excellent flexibility, easy handling with minimum kink
The compound meets oil, abrasion and ozone resistance.
Tungsten carbide ball and seat assure wear-resistance

Part No	Size	ID X OD (mm)	Length (m)	Working pressure (kgf/cm ²)	Burstpressure (kgf/cm ²)		Weight (kg/roll)
					20°C	60°C	
HAL1-100	1/4	6.5 X 13	100	20	90	42	12
HAL2-100	5/16	8 X 15	100	20	85	40	15
HAL3-100	3/8	9.5 X 16.5	100	20	80	37	17
HAL4-100	1/2	13 X 21.5	100	20	75	34	29
HAL5-100	5/8	16 X 25	100	20	65	30	36
HAL6-100	3/4	19 X 27.5	100	16	60	28	39
HAL7-100	1	25 X 34.5	100	16	50	25	55

////////////////////////////////////



HTC(TWIN HOSE)

Light weight(40% lighter than rubber hose)
Excellent flexibility, easy handling with minimum kink
The compound meets oil, abrasion and ozone resistance.
Tungsten carbide ball and seat assure wear-resistance

Part No	Size	ID X OD (mm)	Length (m)	Working pressure (kgf/cm ²)	Burstpressure (kgf/cm ²)		Weight (kg/roll)
					20°C	60°C	
HBI1-100	1/5	5 X 11.5	100	20	85	41	21.4
HBI2-100	1/4	6 X 12	100	20	85	41	21.6
HBI3-100	5/17	7.5 X 14.5	100	20	85	41	30.0
HBI4-100	5/16	8 X 14	100	20	85	41	26.4
HBI5-100	3/8	9 X 15	100	20	85	41	29.0

HOSE +



HBC (SAND BLAST HOSE)

Durable, Long lasting ; reinforced with strong synthetic fabric for maximum protection against abrasion

Working temperature : -35°C/+70°C

Branding Blastline hose W.P 12bar S.F 3:1

Standard length : 40m, 30m, 20m

Abrasion resistance of tube 70±5mm³ according to DIN ISO4649:2006

Also available upon request;

different diameter , different working pressure

abrasion resistance of tube 50±5mm³ according to DIN ISO4649:2006

Part No	Size	ID X OD (mm)	Wall thickness	Working pressure (kgf/cm ²)	Weight (kg/roll)
DB1327	1/2	13 X 27	7	12	0.55
DB1933	3/4	19 X 33	7	12	0.72
DB2540	1 1/4	25 X 40	7.5	12	0.90
DB3244	1 1/4	32 X 44.5	6.3	12	1.10
DB3248	1 1/4	32 X 48	8	12	1.16
DB3254	1 1/4	32 X 54	11	12	1.88
DB3854	1 1/2	38 X 54	8	12	1.46
DB3860	1 1/2	38 X 60	11	12	1.95
DB5074	2	50 X 74	12	12	2.70

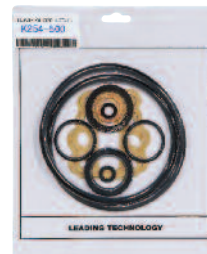
ACCESSORIES

Air powered Airless spray pump

REPAIR KITS +



SMC (N type air motor RPK) P/N : N270-500, N270-501, N270-502



SMK (K type air motor RPK) P/N : K254-500



SMB (B type air motor RPK) P/N : B178-500



SMP (DP air motor RPK) P/N : P300-500



SMM (DM air motor RPK) P/N : M108-500



SDX (DXT 40-1 displacement RPK) P/N : X401-500



SDX (DXT 45-1 displacement RPK) P/N : X451-500



SDX (DXT 56-1 displacement RPK) P/N : X561-500

REPAIR KITS +



SDX (DXT 68-1 displacement RPK) P/N : X681-500



SDK (DK 45-1 displacement RPK) P/N : K451-500



SDK (DK 63-1 displacement RPK) P/N : K631-500



SDP (DP 30-1 displacement RPK) P/N : L301-500



SDM (DM 23-1 displacement RPK) P/N : L231-500



SGH (510 Bar gun RPK) P/N : G510-500



SGS (SP gun RPK) P/N : G830-500

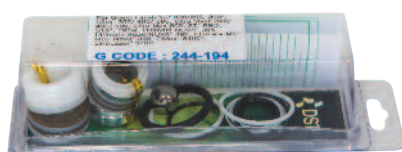


SGC (C-T gun RPK) P/N : G840-500

ACCESSORIES

Air powered Airless spray pump

REPAIR KITS +



SDE (Replaces 244-194 RPK)



SDE (Replaces 248-212 RPK)

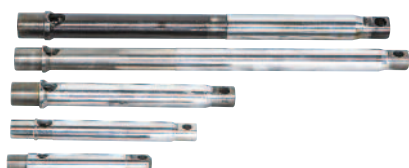


SDE (Replaces 248-213 RPK)



ELE (Electric Pump sleeve)

P/N : Replaces 243-176, 248-209, 248-210



EPE (Electric Pump piston rod)

P/N : Replaces 249-125, 248-206, 248-207, 249-028, 288-103



SED (Replaces Triton 308 RPK)

P/N : T308-500



LMG (LINE MARKER)

P/N : LM-100

ACCESSORIES +



ESG (GUN SWIVEL)

1/4 NPSM(F) X 1/4NPSM(M)
P/N : ASG1-001



ESG (GUN SWIVEL)

1/2 NPSM(F) X 1/2NPSM(M)
P/N : ASG3-001



ESG (GUN SWIVEL)

3/8 NPSM(F) X 3/8NPSM(M)
P/N : ASG2-001



ESG (GUN SWIVEL)

1/4 NPSM(F) X 3/8NPSM(M)
P/N : ASG4-001



ESH (HOSE SWIVEL)

1/4 NPSM(F) X 1/4NPSM(M)
P/N : ASH1-001



ESH (HOSE SWIVEL)

3/8 NPSM(F) X 3/8NPSM(M)
P/N : ASH2-001



ESH (HOSE SWIVEL)

1/4 NPSM(F) X 3/8NPSM(M)
P/N : ASH4-001

ACCESSORIES +



ESZ (Z TYPE SWIVEL)

1/4 NPT(F) X 1/4NPT(M)
P/N : ASZ1-100



ESZ (Z TYPE SWIVEL)

3/8 NPT(F) X 3/8NPT(M)
P/N : ASZ2-100



ESZ (Z TYPE SWIVEL)

1/2 NPT(F) X 1/2NPT(M)
P/N : ASZ3-100



AA series (PAINT AGITATOR)

Recommended speed : 300-3000rpm
Power : 3/4
Propeller Diameter : 126mm
P/N : 2AM-100



EOT (TS-OIL)

8FL OZ(236ml)
Environment-friendly product



RAH (AIR PRESSURE REGULATOR)

Heavy duty and high air volume type.
Ideal for high capacity continuous service.
P/N : R340-100



RAL (AIR PRESSURE REGULATOR SET)

P/N : R300-300

ACCESSORIES +



EGS (SURGE TANK-SMALL)

Material : carbon steel
P/N : S300-401



ETA (SURGE TANK-SMALL)

Material : Alumimum
P/N : S300-402



ETS (SURGE TANK-SMALL)

Material : Stainless steel
P/N : S300-404



ETC (SURGE TANK-BIG)

Material : Carbon steel (Stainless steel is available)
P/N : S254-401



ET series (SURGE TANK SUPPORT)

Material : Nylon, Teflon, Aluminum
P/N : S254-105



EVB (BALL VALVE)

1/4" X 1/4" (Ball type)
P/N : AHBV-014



FT series (TIP FILTER LAMELLAR)

Mesh : 30, 60, 80, 100, 150, 200
P/N : ATOW-030, ATOW-060, ATOG-080, ATOB-100, ATOR-150, ATOT-200

ACCESSORIES +



FG series (FIT TO MOST AIRLESS GUNS)

Mesh : 30, 50, 65, 100, 150, 200

P/N : AGFG-030, AGFW-050, AGFB-065, AGFY-100, AGFB-150, AGFR-200



Mesh : 60, 100

P/N : GGFB-060, GGFB-100



Mesh : 50, 100

P/N : GFSB-050, GFSR-100



FS series (SURGE FILTER)

Mesh : 30, 50, 60, 100, 150, 200, 300, 400, 500

P/N : ASFO-030, ASFO-060, ASFO-100, ASFO-150, ASFO-200, ASFO-300, ASFO-400, ASFO-500,



FU series (SUCTION FILTERS-DOUBLE MESH)

Mesh : 15

Thread size : 1", 3/4"

P/N : ASCF -001, ASCF-034



FHL (HP-FILTERS-LONG)

P/N : 2600(20mesh), 2601(30mesh), 2602(50mesh), 2603(70mesh), 2604(100mesh), 2605(150mesh), 2606(200mesh)

ACCESSORIES +



FHS (HP-FILTERS-SHORT)

P/N : 2701(30mesh), 2702(50mesh), 2703(70mesh), 2704(100mesh),
2705(150mesh), 2706(200mesh)



FOL (FILTER HOLDERS-LONG)

P/N : 63001(F 1/4" X M1/4"), 63002(F 1/4"XM3/8"), 63003(F3/8"XM3/8")



FOS (FILTER HOLDERS-SHORT)

P/N : 63004(F 1/4" X M1/4"), 63005(F 1/4"XM3/8")



EBT (2 LAYERS EXTENSION BAR)

Length :1ft, 3ft, 6ft, 9ft
P/N : AGEB-201, AGEB-203, AGEB-206, AGEB-209



EBO (1 LAYER EXTENSION BAR)

Length :0.3m, 0.5m , 0.7m , 1.0m
P/N : AGEB-103, AGEB-105 , AGEB-107, AGEB-110



EGC (FLAT TIP GUARD)

Thread size : 7/8", 11/16"
P/N : AFTO-001, AFTO-002



EG series (S/W TIP GUARD FOR RAC 5 / RAC X)

Thread size : 7/8", 11/16"
P/N : ASTG-501, ASTG-502, ASTG-X01, ASTG-X02

ACCESSORIES +



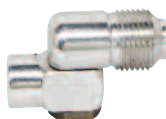
ENG (GUN NOZZLE)

P/N : G830-600 (7/8")



ENP (POLE GUN NOZZLE)

P/N : G730-600



EHS (SWIVEL HEAD)

P/N : AGAS-001 (11/16")



EAP (POLE GUN ADAPTOR)

P/N : PGA-600



EN series (GUN SWIVEL NOZZLE 7/8" , 11/16")

P/N : G830-700, G830-800



ER series (TIP RETAINER & TIP NUT)

P/N : G830-001, G830-004



EAN series (ADAPTOR)

P/N : AGA0-001

ETS (SWITCH TIP) +

Precision Tolerances
Consistent Quality
Reliable Performance and Longer Life



Airless Spray Tip Chart

Fan Width	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039
4"-6"	207	209	211	213	215	217	219	221	223	225						
6"-8"	307	309	311	313	315	317	319	321	323	325						
8"-10"	407	409	411	413	415	417	419	421	423	425	427		431	435		
10"-12"		509	511	513	515	517	519	521	523	525	527	529	531	533	535	539
12"-14"		609	611	613	617	617	619	621	623	625	627	629	631	633	635	
14"-16"					715	717	719	721	723	725			731		735	
16"-18"					815	817	819	821	823				831		835	

Airless Spray Tip Chart

Coating	Viscosity	Orifice Ranger
Varnishes	Light	.009-.011
Lacquer Finishes(clear)		.009-.011
Sanding Sealers		.009-.011
Shellac(clear)		.009-.013
Transparent Stain		.011-.013
Water Sealers(clear)		.011-.013
Solid Stains	Medium	.013-.015
Exterior House Paints		.013-.017
Interior Wall Paints		.013-.017
Interior & Exterior Primers		.017-.019
Commercial Grade	Heavy	.017-.019
Architectural Coatings		.017-.019
Interior Wall Paints		.017-.019
Interior Wall Primers		.017-.019
Dry Fall(quick dry)		.019-.023
One Coat, Primer-Finish Paints		.019-.023
Elastomerics	Extra Heavy	.021-.031
Pigmented Waterproofers		.021-0.27
Blcok Filler		.025-.027



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www.dstpump.com



www.dstpump.com

DSTech

NEW PRODUCTS CATALOG





Hydraulic pump

Engine type

AHG-2410

Engine type
Hydraulic pump
Large volume high
accuracy painting

AH hydraulic pump

- Easy hydraulic pressure control
- User friendly pressure control system
- Stable pressure, flow volume
- Smooth operation and powerful painting
- Easy displacement pump and maintenance

Applications

- Steel structure fire proof painting
- Water paint, high & low viscosity paint
- Commercial building external wall



Specification	AHG-2410
Power	6.0HP
Maximum operation pressure	230 bar
Maximum flow volume	10 liter / min
Maximum flow support nozzle	0.053 inch
Maximum scribing speed	188m / min
Cross width	50~500 mm
Size	1,080 x 800 x 1,400 mm
Weight	55Kg



Hydraulic pump

Motor type

AHE-2410

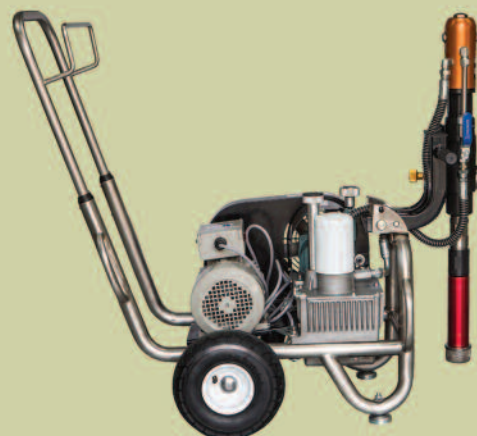
Electric type
Hydraulic pump
Large volume high
accuracy painting

AH hydraulic pump

- Easy hydraulic pressure control
- Stable pressure, flow volume
- Smooth operation and powerful painting
- Easy displacement pump and maintenance

Applications

- Steel structure fire proof painting
- Water paint, high viscosity paint
- Commercial building external wall



Specification	AHE-2410
Power	3HP (2.3kw)
Max. working pressure	230 bar
Max. flow per minute	10 liter / min
Max. support nozzle	0.053 inch
Max. scribing speed	188m / min
Cross width	50~500 mm
Size	1,080 x 800 x 1,400 mm
Weight	55Kg



Electric pump

AC Motor

AAE-M05

Electric pump
Large volume High accuracy
finishing

AA Electric pump series

- Custom designed embedded inverter
- Stable control by highly efficient AC motor
- Safe and smart pressure control system
- Easy maintenance and robust design
- Secure part operation under harsh working environment
- Improved workability through safe & continuous operation

Applications

- Residential building interior and exterior
- Large commercial building texture
- High accuracy steel structure coating
- Latex, Epoxies, Emulsions, Fire retardant etc.



Specification	AAE-M05
Power	3HP (2.2kw)
Maximum flow volume	4.5 liter / min
Maximum support nozzle	0.035 inch
Voltage	220 volt
Current	60 Hz
Size	1,060 x 710 x 620 mm
Weight	45Kg

Airless gun

High pressure type

GHE-0500

**High pressure
paint spray gun
High pressure painting
environment**

GH Airless Gun series

- Max operation pressure: 500 bar
- Stainless steel swivel, needle and sheet
- Applied fire proof O-rings
- Designed 4 finger trigger and Hanger

Applications

- Typical fluids handled, Adhesive, Lubricants, Sealants, Mastics etc.



Specification	GHE-0500
Maximum working pressure	500 bar (7,250 psi)
Fluid orifice	0.090 inch (2.3 mm)
Fluid inlet	1/4 npsm (m)
Maximum fluid temperature	71°C (160°F)
Weight	576g



RAM Pump

Drum type

AKL-651

**High pressure fluids
extrusion pump (Drum type)
High viscosity spraying**

AK RAM pump series

- Ideal for high viscosity coatings
- Powerful Check-mate type design
- 2stage shaft for easy maintenance
- Rugged & durable lower parts, plate
- Highly efficient 10" air motor

* Optional components

All-In-One integrated control box
High efficient heat system

Applications

- Typical fluids handled, Adhesive,
Lubricants, Sealants, Mastics etc.

Specification	AKL-651
Fluid pressure ratio	65:1
Delivery volume	12 liter / min
Volume per cycle	200 cc / cycle
Maximum pump speed	60 cycle / min
Air motor diameter	10 inch (254 mm)
Stroke length	127 mm
Air powered range	1-7 bar
Maximum pressure	6,599 psi (455 bar)
Size	1,060 x 620 x 81,585 mm
Weight	268 kg



RAM pump

Can type

AKS-651

**High pressure fluids
extrusion pump (Can type)
High viscosity spraying**

AK RAM pump series

- Ideal for high viscosity coatings
- Powerful Check-mate type design
- 2stage shaft for easy maintenance
- Rugged & durable lower parts, plate
- Highly efficient 10" air motor

* Optional components

All-In-One integrated control box
High efficient heat system

Applications

- Typical fluids handled, Adhesive,
Lubricants, Sealants, Mastics etc.

Specification	AKS-651
Fluid pressure ratio	65:1
Delivery volume	12 liter / min
Volume per cycle	200 cc / cycle
Maximum pump speed	60 cycle / min
Air motor diameter	10 inch (254 mm)
Stroke length	127 mm
Air powered range	1-7 bar
Maximum pressure	6,599 psi (455 bar)
Size	560 x 340 x 1,450 mm
Weight	142 kg





SOLUTIONS FOR SPRAYING SYSTEM

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