



DUX Pressure Feed Spray Gun

IMMEDIATE ROI

- > Reduced coating usage
- > Decreased cleanup costs
- > Faster production times
- > Energy savings

EASY TO USE

- > Ergonomic design
- > Lightweight and balanced
- > Reduced booth fog and overspray

AIR QUALITY COMPLIANCE

- > Drastic reductions in VOC emissions
- > Reduced HazMat clean-up & disposal
- > AQMD compliant by definition

ADVANCED TECHNOLOGY

- > Laminar airflow
- > Low pressure with high velocity
- > Exceptional atomization
- > Outstanding utility across coatings and applications

INSPIRED BY FORMULA THREE RACE CAR ENGINES.

After more than 5 years of research and development, DUX has reinvented the spray gun from the inside out. By incorporating our patented airflow technology, originally used in Formula Three race car engines, we've developed the most innovative breakthrough in spray gun technology in nearly 80 years.

For the first time, operators can spray nearly any type of fluid, onto nearly any surface with a single gun — while reducing coatings usage and improving finish quality.

IT PRACTICALLY PAYS FOR ITSELF AFTER JUST ONE JOB.

With transfer efficiency improvements of at least 15-40% over HVLP and other leading spray technologies, the DUX Pressure Feed spray gun simply saves you money. In fact, the coatings savings are so significant the gun often pays for itself in the first month of use. The spray gun uses DUX's patented airflow technology to reduce booth fog and blowback from the target — the two leading causes of coating waste. When more material reaches the target, less is released into the air and trapped in booth air filters and on disposable masking materials. This, in turn, reduces your consumables costs and hazardous waste disposal fees. In fact, the DUX gun's precision application reduces the need for masking in the first place, substantially decreasing preparation labor costs.

What's more, DUX's superior atomization technology enhances finish quality, thereby increasing your competitive advantage — while delivering a better product for your customers.

TECHNOLOGY THAT'S EASY TO USE AND EASY ON US.

Most pressure feed spray guns incorporate a front-heavy body design with fluid hose connections near the tip of the gun. Over the course of a long work day, the extra weight causes arm fatigue and uneven spray patterns that impact finish quality. The DUX gun, however, is designed with much shorter air passages, an upright handle, and fluid and air connections located at the base of the gun. This creates a lighter, more compact and balanced gun that's easier to maneuver in small spaces.

As previously mentioned, lower operating pressures result in massive reductions in unhealthy paint booth fog and overspray. This drastically improves the work environment by eliminating paint build up on operators' skin and clothing, and floors are no longer coated with a slippery film of wasted material. The way we see it, clearer air isn't just a regulatory mandate, it's the responsible thing to do for your employees and our environment.

THE DESIGN ISN'T IT'S ONLY STUNNING FEATURE.

See for yourself. Compare the DUX spray gun to any other spray equipment on the market. You'll find that most competing technologies incorporate angular twists and turns within the air passage, along with long travel distance between the air inlet and air cap. As a result, longer distances and more restrictive air passages create friction and severe air turbulence. Bottom line — it's hard to control and shape air at the air cap when it's out of control inside the gun.

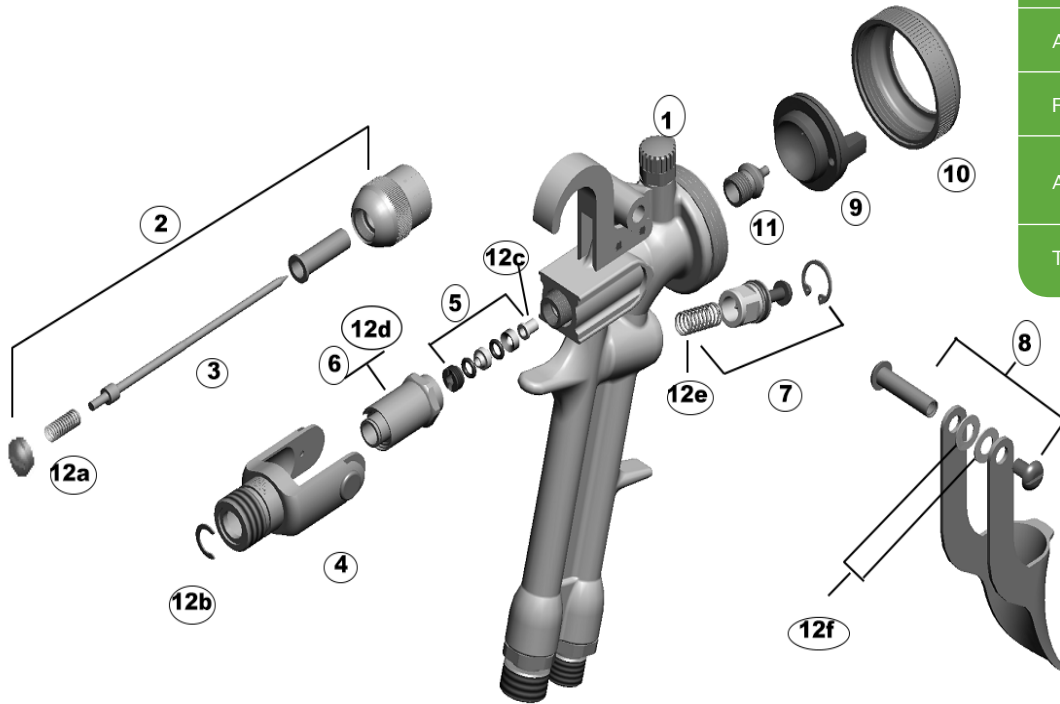
With the DUX spray gun, you'll never have that problem. It is designed with smooth sweeping air passages, fewer obstructions, and shorter distance between the inlet and air cap. The result is minimal air pressure loss through the spray gun and extremely organized and controllable airflow.

SPECIFICATIONS

BODY MATERIAL	Investment Cast Aluminum
FLUID PASSAGE MATERIAL	Stainless Steel
AIR CAP MATERIAL	Anodized Aluminum
WEIGHT	14.1 oz.
MAXIMUM ATOMIZING AIR INLET PRESSURE*	A0 Air Cap: 8.9scfm A1 Air Cap: 10.7 scfm A2 Air Cap: 11.0 scfm
MAXIMUM FLUID INLET PRESSURE	75 psi
AIR INLET	1/4" NPS Male or 1/4" BSP Male
FLUID INLET	3/8" NPS Male or 3/8" BSP Male
AIR CONSUMPTION	A0 Air Cap: 8.9scfm A1 Air Cap: 10.7 scfm A2 Air Cap: 11.0 scfm
TRIGGER PRESSURE	39.8 oz.

*Maximum inlet pressure to maintain HVLP compliance (10 psi or less at the air cap)

**A1 cap recommended, A2 cap also available



No.	Part	Description
1.	310110	Fan Control Assembly
2.	310116	Fluid Control Assembly
3.	310117	Fluid Needle
4.	310125	Yoke
5.	310128	Fluid Needle Packing Kit
6.	310126	Yoke Spring Assembly
7.	310159	Trigger Air Valve Kit
8.	310131	Trigger Kit
9.	410507	Air Cap, A0 (PTFE)
	410508	Air Cap, A1(PTFE)
	410509	Air Cap, A2(PTFE)
	410465	Air Cap, A0 (SS)
	410466	Air Cap, A1(SS)
	410467	Air Cap, A2(SS)
10.	310157	Air Cap Ring

No.	Part	Description
11.	310237	Fluid Tip 0.4mm
	310250	Fluid Tip 0.6mm
	312051	Fluid Tip 0.8mm
	310252	Fluid Tip 1.0mm
	310253	Fluid Tip 1.2mm
	310254	Fluid Tip 1.4mm
	310255	Fluid Tip 1.6mm
	310256	Fluid Tip 1.8mm
	310257	Fluid Tip 2.0mm
	310258	Fluid Tip 2.2mm
12.	310171	Wearable Parts Kit Including:
	a.	(1)Needle Spring
	b.	(1)Yoke C-Clip
	c.	(1)Needle Packing Kit
	d.	(1)Yoke Spring Assembly
	e.	(1)Trigger Spring
	f.	(2)Washers
	g.	(1)Fluid Control O-Ring
	310160	Fluid Control O-Ring 5 PK
13	310239	Hook Kit

Accessories

** Air/Fluid Hoses Sold in Varying Lengths**

310187	2 Qt Pressure Pot
410360	2.5 Gallon Pressure Pot
310240	2.5 Gallon Pressure Pot Liner
310177	5 Gallon Pressure Pot
310180	5 Gallon Pressure Pot Liner 10PK
310201	PTFE MagnaLube (.75oz)
310472	PTFE MagnaLube (10pk)
310175	Exterior Cleaning Brush
310176	Fluid Tube Cleaning Brush
310231	Air Cap Tester, A0
310230	Air Cap Tester, A1
310232	Air Cap Tester, A2
410255	Standard Pressure Pot Regulator
410266	Precision Pressure Pot Regulator

Tools

310174	Dux 10mm Fluid Tip Driver
310173	Dux Packing Tool
410606	Dux Multi-Tool Wrench
410522	Packing Driver
310310	Packing Pressure Gauge

