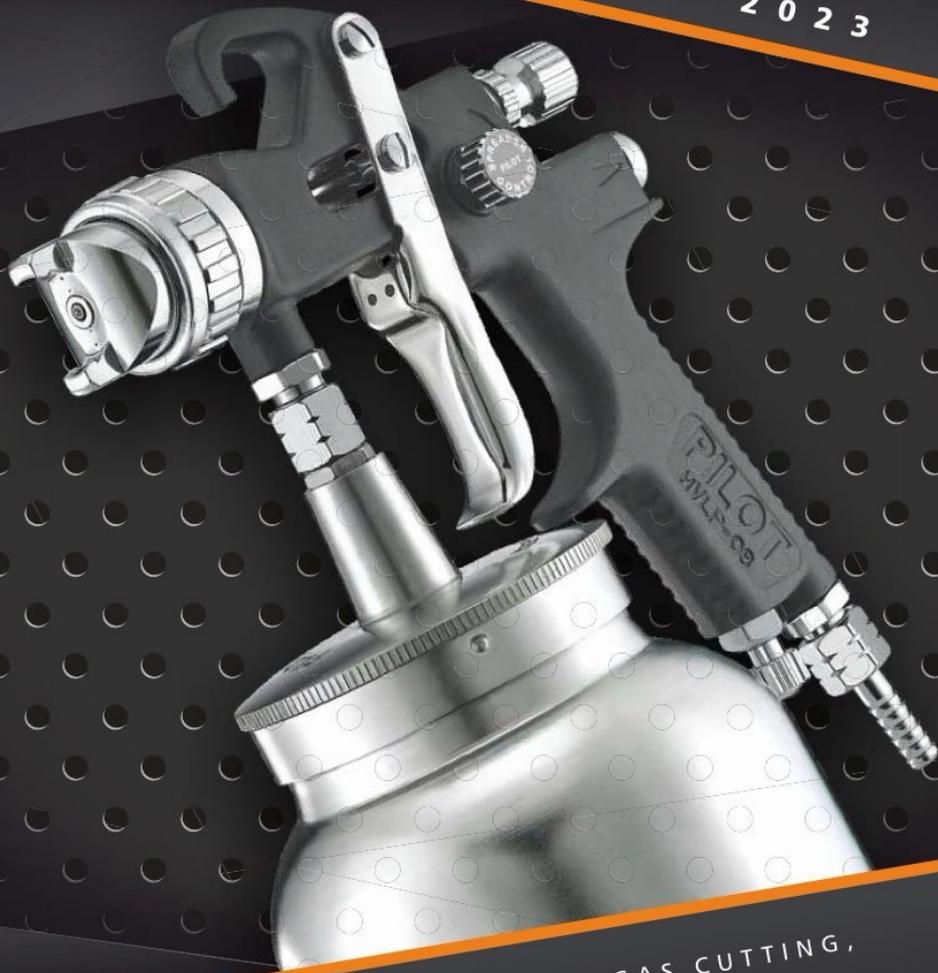




PRODUCT CATALOGUE - 2023



SPRAY PAINTING EQUIPMENTS, GAS CUTTING,
WELDING & REGULATING EQUIPMENTS

Contents

Introduction	2
HVLP - 03 & 06	4
HVLP - 08 with Cup & w/o Cup	5
HP - 59 N & HP - 64 N	6
HP - 68 N	7
HP P-70 with Cup & w/o Cup	8
Type - 59 S & Type - 59 N	9
Type - 64 S & Type - 64 N	10
Type - 68 S & Type - 68 N	11
Type P-70 with Cup & w/o Cup	12
Type P-80	13
Air Brush (Pro Series)	14
AB-16 (Pro Series)	15
Air Brush	16
E-88 & Tex-90	17
AG-03 & AG-16	18
FG-17	19
FG-03 & PCG-01	20
OG-03 & SBG-03 G	21
UBG-03	22
PFT	23
GCT-07	24
GT-18 & Gas Torches	25
Single Stage Regulator	26
Products from our Airless Division	27

PILOT Spray Gun

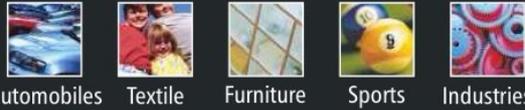
HVLP - 03

(High Volume Low Pressure)

FEATURES

- Lightweight sleek ergonomic design
- Symmetric & durable gravity cup
- Superior air cap performance
- Built-in air & spreader control for finer adjustment
- High transfer efficiency with minimum wastage

AREAS OF APPLICATION



Automobiles Textile Furniture Sports Industries



Air cap designed for superior spray atomisation



Fluid flow control knob



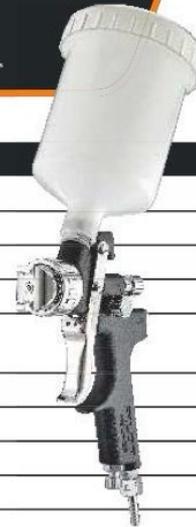
Grip - trigger action



Integrated air control



Conforms to European Standards



TECHNICAL DATA

Code no.	HVLP03000
Cup capacity (litres)	0.57
Gun distance from work piece mm (inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.3
Required pressure (kgs/sq.cm)	2 - 4
Air consumption of rated pressure lit/min (c.f.m)	250-260 (9)
Material output (cc/min)	225
Max. pattern width (mm)	430
Min. air-compressor (HP)	2
Weight of gun with cup (gms)	716

PILOT Spray Gun

HVLP - 06

(High Volume Low Pressure)

FEATURES

- Lightweight sleek ergonomic design
- Symmetric & durable gravity cup
- Superior air cap performance
- Built-in spreader control facilitating round & fan flow patterns
- High transfer efficiency with minimum wastage

AREAS OF APPLICATION



Automobiles Textile Furniture Sports Industries



Air cap designed for superior spray atomisation



Fluid flow control knob



Grip - trigger action



Integrated air control



Conforms to European Standards



TECHNICAL DATA

Code no.	HVLP06000
Cup capacity (litres)	0.34
Gun distance from work piece mm (inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.0
Required pressure (kgs/sq.cm)	2-3
Air consumption of rated pressure lit/min (c.f.m)	115-170 (4-6)
Material output (cc/min)	200
Max. pattern width (mm)	300
Min. air-compressor (HP)	1
Weight of gun with cup (gms)	353

PILOT Spray Gun

Type - 59 S

FEATURES

- Iconic design & performance
- Symmetric & durable gravity cup
- Balanced handle for comfortable & firm grip
- Built-in spreader control for round & fan flow patterns

AREAS OF APPLICATION



Automobiles



Furniture



Industries



Textile process house



Pharmaceuticals



Air cap designed for superior spray atomisation



Needle adjustment



Grip - trigger action



Snap-fit lock



Conformity to European Standards

TECHNICAL DATA

Code no.	59000S
Cup capacity (litres)	0.57
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2 - 4
Air consumption of rated pressure lit/min(c.f.m)	300-310 (10)
Material output (cc/min)	265
Max. pattern width (mm)	355
Min. air-compressor (HP)	1-2
Weight of gun with cup (gms)	728



With Air Control

PILOT Spray Gun

Type - 59 N

FEATURES

- Iconic design & performance
- Symmetric & durable gravity cup
- Balanced handle for comfortable & firm grip
- Built-in spreader control for round & fan flow patterns

AREAS OF APPLICATION



Automobiles



Furniture



Industries



Textile process house



Pharmaceuticals



Air cap designed for superior spray atomisation



Needle adjustment



Grip - trigger action



Conformity to European Standards

TECHNICAL DATA

Code no.	59000N
Cup capacity (litres)	0.57
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2 - 4
Air consumption of rated pressure lit/min(c.f.m)	300-310 (10)
Material output (cc/min)	265
Max. pattern width (mm)	355
Min. air-compressor (HP)	1-2
Weight of gun with cup (gms)	640



With Air Control

PILOT Spray Gun Type - 64 S

FEATURES

- Iconic design & performance
- Symmetric & durable gravity cup
- Lightweight & less operator fatigue
- Rotatable air cap facilitating round & fan flow pattern

AREAS OF APPLICATION



Automobiles



Sports goods



Handicraft



Furniture



Electrical Equipment



Air cap designed for superior spray atomisation



Needle adjustment for a better paint flow



Grip - trigger action



Snap-fit lock



Conformity to European Standards



TECHNICAL DATA

Code no.	64000S
Cup capacity (litres)	0.34
Gun distance from work piece mm (inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2 - 3
Air consumption of rated pressure lit/min(c.f.m)	200-210 (7)
Material output (cc/min)	260
Max. pattern width (mm)	180
Min. air-compressor (HP)	1
Weight of gun with cup (gms)	449

PILOT Spray Gun Type - 64 N

FEATURES

- Iconic design & performance
- Symmetric & durable gravity cup
- Lightweight & less operator fatigue
- Rotatable air cap facilitating round & fan flow pattern

AREAS OF APPLICATION



Automobiles



Sports goods



Handicraft



Furniture



Electrical Equipment



Air cap designed for superior spray atomisation



Needle adjustment for a better paint flow



Grip - trigger action



Conformity to European Standards



TECHNICAL DATA

Code no.	64000N
Cup capacity (litres)	0.34
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2 - 3
Air consumption of rated pressure lit/min(c.f.m)	200-210 (7)
Material output (cc/min)	260
Max. pattern width (mm)	180
Min. air-compressor (HP)	1
Weight of gun with cup (gms)	360

PILOT Spray Gun Type - 68 S

FEATURES

- Iconic design & performance
- Lightweight sleek ergonomic design for precision work
- Symmetric & durable gravity cup
- Built-in air control for finer adjustment
- Permits exquisite shading & blending
- Accurate & easy trigger control

AREAS OF APPLICATION



Pottery / Statues



Artistry



Textile / Fabrics



Handicrafts



Laboratory



Air cap designed for superior spray atomisation



Needle adjustment



Grip - trigger action



Air control



Conformity to European Standards



TECHNICAL DATA

Code no.	68000S
Cup capacity (litres)	0.14
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	0.8
Required pressure (kgs/sq.cm)	2 - 3
Air consumption of rated pressure lit/min(c.f.m)	60-70 (2)
Material output (cc/min)	100
Max. pattern width (mm)	100
Min. air-compressor (HP)	1
Weight of gun with cup (gms)	330

PILOT Spray Gun Type - 68 N

FEATURES

- Iconic design & performance
- Lightweight sleek ergonomic design for precision work
- Symmetric & durable gravity cup
- Built-in air control for finer adjustment
- Permits exquisite shading & blending
- Accurate & easy trigger control

AREAS OF APPLICATION



Pottery / Statues



Artistry



Textile / Fabrics



Handicrafts



Laboratory



Air cap designed for superior spray atomisation



Needle adjustment



Grip - trigger action



Air control



Conformity to European Standards



TECHNICAL DATA

Code no.	68000N
Cup capacity (litres)	0.14
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	0.8
Required pressure (kgs/sq.cm)	2 - 3
Air consumption of rated pressure lit/min(c.f.m)	60-70 (2)
Material output (cc/min)	100
Max. pattern width (mm)	100
Min. air-compressor (HP)	1
Weight of gun with cup (gms)	287

PILOT Spray Gun Type P-70

FEATURES

- Iconic design & performance
- Large surface area coverage
- Symmetric & durable suction feed cup
- Superior air cap performance
- Built-in spreader control for round & fan flow patterns
- Optimum for high speed production
- Compatibility with pressure feed tanks

AREAS OF APPLICATION



Industries



Railways



Automobiles



Ship Building



Conformity to European Standards



Air cap designed for superior spray atomisation



Fluid flow control knobs



Grip - trigger action

TECHNICAL DATA

Code no.	70000
Cup capacity (litres)	1
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.5 - 5
Air consumption of rated pressure lit/min(c.f.m)	290-300 (10)
Material output (cc/min)	315
Max. pattern width (mm)	305
Min. air-compressor (HP)	2
Weight of gun with cup (gms)	945



PILOT Spray Gun Type P-70 without cup

FEATURES

- Iconic design & performance
- Large surface area coverage
- Superior air cap performance
- Built-in spreader control for round & fan flow patterns
- Optimum for high speed production
- Compatibility with pressure feed tanks

AREAS OF APPLICATION



Industries



Railways



Automobiles



Ship Building



Conformity to European Standards



Air cap designed for superior spray atomisation



Fluid flow control knobs



Grip - trigger action

TECHNICAL DATA

Code no.	70000WC
Gun distance from work piece mm (inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.5 - 5
Air consumption of rated pressure lit/min(c.f.m)	290-300 (10)
Material output (cc/min)	315
Max. pattern width (mm)	305
Min. air-compressor (HP)	2
Weight of gun without cup (gms)	630



PILOT Spray Gun
Type - P 80

FEATURES

- Large surface area coverage
- Symmetric & durable gravity cup (large size)
- Superior air cap performance
- Built-in spreader control for round & fan flow patterns
- Optimum for high speed production

AREAS OF APPLICATION



Industries



Chemicals



Automobiles



Ship Building



Conformity to European Standards



Air cap designed for superior spray atomisation



Needle adjustment



Grip - trigger action



Snap-fit lock



TECHNICAL DATA

Code no.	80000
Cup capacity (litres)	0.75
Gun distance from work piece mm(inch)	200 (8)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.5 - 5
Air consumption of rated pressure lit/min(c.f.m)	260-270 (9)
Material output (cc/min)	400
Max. pattern width (mm)	305
Min. air-compressor (HP)	2
Weight of gun with cup (gms)	768

PILOT POWER

Air Brush (Pro Series)

with Air Control

FEATURES

- Built-in air control for finer adjustment
- Lightweight & ergonomically well designed dual action airbrush
- Precision stainless steel needle & nozzle
- Needle adjustment for fluid control
- Suitable in precision artistic jobs for free-hand & stencil designing
- Adaptable using any colouring agent: paints, inks, dyes, etc.

AREAS OF APPLICATION



Art &
handicrafts



Design &
fashion
studios



Food
decoration



Glass
industry



Makeup &
body art



Photo
studio



Cup design to
hold optimum
quantity



Effortless
trigger action



Air
Control



Needle
adjusting
screw



Conforms to
European Standards



AB-10 Pro



AB-12 Pro



AB-15 Pro

TECHNICAL DATA

Code no.	AB-10 Pro	AB-12 Pro	AB-15 Pro
Cup capacity approx (ml)	5	10	15
Max. pattern width (mm) / gun distance from work piece mm (inch)	20/50(2)	20/50(2)	20/50(2)
Fluid nozzle orifice dia. (mm)	0.3	0.3	0.3
Min required pressure (kgs/sq.cm)	1.5	1.5	1.5
Air consumption of rated pressure lit/min (c.f.m)	5 (0.17)	5 (0.17)	5 (0.17)
Material output (cc/min)	2	2	2
Min. air-compressor (HP)	1/8*	1/8*	1/8*
Weight of gun (gms)	103	123	136

PILOT POWER

Air Brush (Pro Series)

with Air Control (Trigger type)

FEATURES

- Built-in air control for finer adjustment
- Lightweight, ergonomically well balanced & comfortable handle grip
- Symmetric & durable gravity cup
- Precision stainless steel needle & nozzle
- Needle adjustment for fluid control
- Suitable in precision artistic jobs for free-hand & stencil designing
- Adaptable using any colouring agent: paints, inks, dyes, etc.

AREAS OF APPLICATION



Art & handicrafts



Design & fashion studios



Food decoration



Glass industry



Makeup & body art



Photo studio



Cup design to hold optimum quantity



Effortless trigger action



Air Control



Needle adjusting screw



Conformity to European Standards



AB-16 Pro

TECHNICAL DATA

Code no.	AB-16 Pro
Cup capacity approx (ml)	30 / 60
Max. pattern width (mm) / gun distance from work piece mm (inch)	20/50(2)
Fluid nozzle orifice dia. (mm)	0.5
Min required pressure (kgs/sq.cm)	1.5
Air consumption of rated pressure lit/min (c.f.m)	5 (0.17)
Material output (cc/min)	12
Min. air-compressor (HP)	1/8*
Weight of gun (gms)	208

Air Brush

FEATURES

- Lightweight & ergonomically well designed dual action airbrush
- Precision stainless steel needle & nozzle
- Needle adjustment for fluid control
- Suitable in precision artistic jobs for free-hand & stencil designing
- Adaptable using any colouring agent: paints, inks, dyes, etc.



Cup design to hold optimum quantity



Effortless trigger action



Needle adjusting screw

AREAS OF APPLICATION



Art & handicrafts



Design & fashion studios



Food decoration



Glass industry



Makeup & body art



Photo studios



Conformity to European Standards



AB-10



AB-12



AB-15

TECHNICAL DATA

Code no.	AB-10	AB-12	AB-15
Cup capacity approx (ml)	5	10	15
Max. pattern width (mm) / gun distance from work piece mm (inch)	20/50(2)	20/50(2)	20/50(2)
Fluid nozzle orifice dia. (mm)	0.3	0.3	0.3
Min required pressure (kgs/sq.cm)	1.5	1.5	1.5
Air consumption of rated pressure lit/min (c.f.m)	5 (0.17)	5 (0.17)	5 (0.17)
Material output (cc/min)	2	2	2
Min. air-compressor (HP)	1/8*	1/8*	1/8*
Weight of gun (gms)	105	118	135

PILOT POWER

E-88

Electric Spray Guns

FEATURES

- Strong & reliable pump giving efficient performance
- Symmetric & durable suction cup
- Superior valve design for excellent atomization
- No need of compressor. Plug in & spray

AREAS OF APPLICATION



Cone-shaped spray nozzle



Flow control knob



Flash proof switch



Conformity to European Standards



TECHNICAL DATA

Code no.	880000
Max. delivery rate (test liquid: water) lit/min	0.26
Rated power W	65
Voltage V	220-230 / 110
Frequency Hz	50-60
Pressure max. (bar)	150
Cup capacity (ml)	800
Weight kg	1.43
Noise level dB	80

E-88 Nozzle Selector Chart

For oils, washes (mm)	0.3
For thin flowing enamels (mm)	0.4 / 0.5
For primers, base-coats, thick flowing enamels (mm)	0.6 / 0.7
For general purpose tips (mm)	0.8
For medium viscous material (mm)	1.0 / 1.2

PILOT POWER

TEX-90

Stain Removing Gun

FEATURES

- Long life with minimal maintenance
- Strong & reliable pump giving efficient performance
- Symmetric & durable suction cup
- Adjustable nozzle head
- No need of compressor. Plug in & spray

AREAS OF APPLICATION



Conformity to European Standards



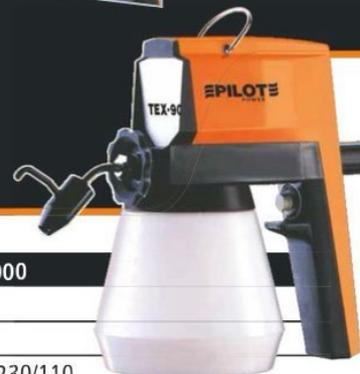
Quick change nozzle head for sharp and mist jet



Pressure control knob



Flash proof switch



TECHNICAL DATA

Code no.	900000
Max. delivery rate (test liquid: water) lit/min	0.06
Rated power (W)	65
Voltage (V)	220-230/110
Frequency (Hz)	50/60
Cup capacity (ml)	800
Noise level (DB)	80
Weight of gun with cup (kg) -	1.2

PILOT POWER
AG-03
Air Blow Gun

FEATURES

- Well balanced & comfortable pistol grip
- Effortless & smooth trigger action
- Extended nozzle for hard to reach areas
- Durable & long lasting metal construction

AREAS OF APPLICATION



Garages



Foundries



Machine shops



Plastic moulding industry



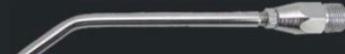
Conformity to European Standards



Nozzle for strong air jet



Better grip for effortless trigger action



Extended nozzle for strong air jet

TECHNICAL DATA

Code no.	AG-03
Fluid nozzle orifice dia.(mm)	3
Min. required pressure(kgs/sq.cm)	3 - 4
Air consumption of rated pressure lit/min(c.f.m)	212 (7.5)
Min. air-compressor (HP)	1 - 2
Weight of gun(gms)	232



PILOT POWER
AG-16
Air Blow Gun

FEATURES

- Well balanced & comfortable pistol grip
- Effortless & smooth trigger action
- Lightweight, durable & strong plastic body

AREAS OF APPLICATION



Garages



Foundries



Machine shops



Plastic moulding industry



Conformity to European Standards



Nozzle for strong air jet



Better grip for effortless trigger action

TECHNICAL DATA

Code no.	AG-16
Fluid nozzle orifice dia.(mm)	3
Min. required pressure(kgs/sq.cm)	3-4
Air consumption of rated pressure lit/min(c.f.m)	212 (7.5)
Min. air-compressor (HP)	1-2
Weight of gun(gms)	88



PILOT POWER

FG-17

Foam Gun

FEATURES

- Ergonomically designed, high efficiency guns
- Low - maintenance, ease to operate & clean
- Ideal for foam cleaning small & large surfaces
- Environmentally friendly - low water wastage
- Symmetric & durable suction cup

AREAS OF APPLICATION



Automobile
Cleaning



Sofa
Cleaning



Car Seat
Cleaning



Glass
Cleaning



Conformity to
European Standards



Nozzle



Fluid
control



Grip
trigger
action



Hose
coupling



TECHNICAL DATA

Code no.	FG - 17
Cup capacity (ml)	800
Required Pressure (kgs/cmsq)	5 - 7
Air consumption of rated pressure lit/min (c.f.m.)	340 - 424 (12 - 15)
Material output (test liquid: water) (cc/min)	1600
Weight of the gun (gms)	616

PILOT POWER
FG-03
Foundry Gun

FEATURES

- Triple action gun – air blow, spray, agitate
- Adjustable & fine spray
- Easily operated using finger & thumb action
- Durable & long lasting metal construction

AREAS OF APPLICATION



Foundry



Moulding



Conformity to European Standards



Effortless trigger action



Hose connector



TECHNICAL DATA

Code no.	FG 03
Feed	Suction
Gun distance from work piece mm(inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	3.8
Required pressure (kgs/sq.cm)	3-4
Air consumption of rated pressure lit/min(c.f.m)	85 (3)
Material output (cc/min)	150
Max. pattern width (mm)	100
Min. Air-compressor (HP)	1
Weight of gun (gms)	260

PILOT POWER
PCG-01
Pressure Cleaning Gun

FEATURES

- Robust, compact, durable & reliable
- Adjustable control knob for low & high pressures
- Suitable for high-pressure washing applications

AREAS OF APPLICATION



Animal/bird breeding farms



Cement plants



Hotel kitchens



Automobiles



Conformity to European Standards



Wide nozzle for pressure cleaning



Control knob



Better grip handle



TECHNICAL DATA

Code no.	PCG-01
Max. required pressure (kgs/sq.cm)	40
Discharge rate (litres/min)	8.5 - 28
Weight of gun (gms)	536

PILOT POWER
OG-03
Oil Gun

FEATURES

- Internal atomization type nozzle
- Adjustable light/heavy degree of atomization
- Interchangeable straight & bend nozzle for specialised applications
- Symmetric & durable suction cup

AREAS OF APPLICATION



Vehicle workshops



Service centres



Industries



Conformity to European Standards



Straight Nozzle



Bend Nozzle



Grip Trigger action



TECHNICAL DATA

Code no.	OG-03
Fluid nozzle orifice dia.(mm)	2.9
Required pressure (kgs/sq.cm)	4-6
Air consumption of rated pressure lit/min(c.f.m)	180 (6.3)
Min. air-compressor (HP)	1-2
Weight of gun with cup (gms)	535

PILOT POWER
SBG-03 G
Sand Blasting Gun

FEATURES

- Quick & easy cleaning/refinishing by removing old paint, rust & corrosion.
- Suitable for cleaning/refinishing small & large areas
- Symmetric & durable gravity cup

AREAS OF APPLICATION



Rust cleaning - automobiles, garden tools, metal components



Etching-metal, stone, wood, glass



Conformity to European Standards



Better grip for effortless trigger action



Hardened nozzle for improved life



TECHNICAL DATA

Code no.	SBG-03G
Fluid nozzle orifice dia. (mm)	4
Min. required pressure (kgs/sq.cm)	4
Air consumption of rated pressure lit/min (c.f.m)	212 (7.5)
Min. Air-compressor (HP)	2
Weight of gun with pipe (gms)	-
Weight of gun with cup (gms)	435

PILOT POWER

UBG-03

Under Body Coating Gun



Nozzle



Grip Trigger action

FEATURES

- Durable & long lasting metal construction
- Used for applying anti-rust protective bases, mono components & soundproofing protective compounds

AREAS OF APPLICATION



Garages



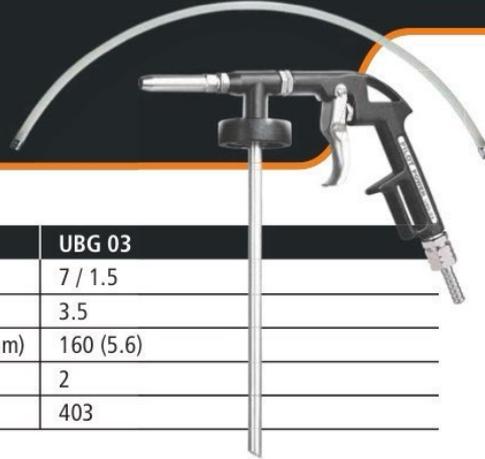
Workshops



Service stations



Conformity to European Standards



TECHNICAL DATA

Code no.	UBG 03
Fluid nozzle fixed/flexible orifice dia.(mm)	7 / 1.5
Min. required pressure (kgs/sq.cm)	3.5
Air consumption of rated pressure lit/min(c.f.m)	160 (5.6)
Min. Air-compressor (HP)	2
Weight of gun (gms)	403

PILOT POWER

UBG-03 without plastic nozzle

Under Body Coating Gun



Nozzle



Grip Trigger action

FEATURES

- Durable & long lasting metal construction
- Used for applying anti-rust protective bases, mono components & soundproofing protective compounds

AREAS OF APPLICATION



Garages



Workshops



Service stations



Conformity to European Standards



TECHNICAL DATA

Code no.	UBG 03WN
Fluid nozzle fixed/flexible orifice dia.(mm)	7 / 1.5
Min. required pressure (kgs/sq.cm)	3.5
Air consumption of rated pressure lit/min(c.f.m)	160 (5.6)
Min. Air-compressor (HP)	2
Weight of gun (gms)	403

PILOT PFT

Pressure Feed Tank

FEATURES

- Lightweight & strong body construction
- Easy to operate
- Greater control without the fear of spilling or interruption of paint supply
- Long life with minimum maintenance

AREAS OF APPLICATION



Industry



Marine



Railways



Infrastructure



Automobile



Wood,
Ceramic,
Leather



Stirrer



Pressure
gauge &
regulator



Conforms to
European Standards



ADVANTAGES

- Frequent refilling of cup is not required reducing refilling time, spillage and wastage of material
- Bulk thinning of paint to the required viscosity is possible resulting in reduced colour variation, with agitation eliminating variation in finishing
- Absence of the cup makes the gun lighter. Thus, less effort is required on part of the operator
- Spray gun can be turned in any position without the fear of spilling or interrupting the paint supply providing greater freedom of manipulation to the operator
- Increased productivity and higher rate of coverage

TECHNICAL DATA

Containers capacity	10 Litres	20 Litres
Maximum air inlet pressure	60psi (4 bar)	60psi (4 bar)
Weight of tank	17.5 Kgs	21.5 kgs

Available soon - 40 litres

GCT-07

FEATURES

- Useful tool in metallic construction or demolition
- Nylon sealed gas valves preventing leak prolonging life service
- Lightweight, durable & convenient to handle

AREAS OF APPLICATION



Garages



Service stations



Wrought iron furniture



Fabrication



Nozzle



Gas control knob



Hose connectors with non-return valve



NOZZLE SELECTION CHART

Nozzle	Oxygen		Acetylene		Cut (M.S.)	
	bar	psi	bar	psi	mm	inch
1/32"	1.5	20	0.1	52	6	1/4"
3/64"	2.0	30	0.1	52	12	1/2"
1/16"	3.0	45	0.1	52	50	2"
5/64"	4.0	60	0.2	3	100	4"
3/32"	4.0	60	0.2	3	150	6"
1/8"	4.5	65	0.2	3	300	12"

PILOT Gas Welding Torch

GT-18

Big size

FEATURES

- Well designed gas torch for multiple applications.
- Designed with safety protection against backfire.
- 1mm & 1.2mm tips are supplied as standard along with gas torch.
- Can be used with oxy-acetylene gases.
- Best suitable for gas welding / brazing from 0.5mm to 3mm thick plates.



Detachable type nozzle



Gas control knob



Hose connectors with non-return valve

AREAS OF APPLICATION



Garages



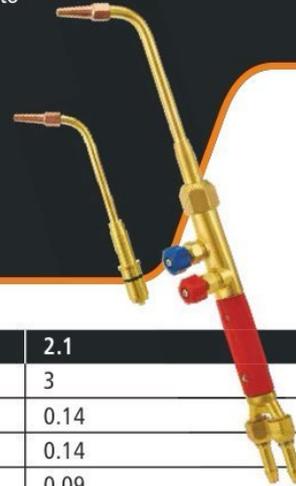
Service Stations



Wrought iron furniture



IS - 7653
CM / L 7700100610



DATA CHART

Welding Thickness MS	mm	1.2	2.1
Tip number		2	3
Oxygen pressure	Kg/cm ²	0.14	0.14
Acetylene pressure	Kg/cm ²	0.14	0.14
Consumption of each gas	cu m/hr	0.06	0.09

PILOT Gas Welding Torch

GTD & GTS

(Detachable Type & Swage Type)

FEATURES

- Available in PREMIUM & STANDARD SERIES
- Sturdy high quality brass body
- Nylon sealed gas valves preventing leak prolonging life service
- Lightweight, durable & convenient to handle

AREAS OF APPLICATION



Garages



Service stations



Wrought iron furniture



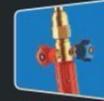
IS - 7653
CM / L 7700100610



Detachable type nozzle



Swage type nozzle



Gas control knob



Hose connectors with non-return valve

GTD - Detachable copper tips available in sizes of 0, 1, 2 & 3

GTS - Swage copper nozzles available in sizes of 0, 1, 2 & 3

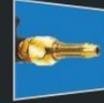
NOZZLE SELECTION CHART

Welding thickness MS	mm	0.6	0.91	1.2	2.1	2.6	3.2	3.9	4.8	6.4	8
Tip number		0	1	2	3	5	7	10	13	18	25
Oxygen pressure	kg/sq. cm	0.14	0.14	0.14	0.14	0.14	0.28	0.28	0.28	0.42	0.42
Acetylene pressure	kg/sq. cm	0.14	0.14	0.14	0.14	0.14	0.28	0.28	0.28	0.42	0.42
Consumption of each gas	cu meter/hr	0.03	0.03	0.06	0.09	0.14	0.2	0.3	0.4	0.5	0.7

PILOT Gas Regulator Single Stage



Pressure gauge



Hose coupling

FEATURES

- Available in PREMIUM & ECO SERIES
- Easy operation & maintenance design
- Precision machined components
- Stainless steel poppet pin
- Leak proof assembly
- Fine mesh sintered filter for gas filtration
- Accurate pressure gauge

AREAS OF APPLICATION



Brazeing



Heating



Welding



Cutting



Purging



Beverages



Process control



TECHNICAL DATA

Sr. no.	Models	Gases	Application	Pressure Range	
				Inlet (P1)	Outlet (P2)
1	GRA - SSSG Single Gauge	Dissolved Acetylene (DA)	All Welding, Cutting & Heating Application	0 - 25 Bar	NA
2	GRA - SSDG Double Gauge			0 - 25 Bar	0 - 1.5 BAR
3	GRO - SSSG Single Gauge	Carbon Dioxide, Oxygen, Nitrogen, Argon, Hydrogen, Helium, Nitrous Oxide & other compressed gases	All Welding, Cutting & Heating Application	0 - 150 Bar	NA
4	GRO - SSDG Double Gauge			0 - 150 Bar	0 - 10 Bar

Products from our Airless Division

Electric Series



PE051 - Trolley version



PE051 - Stand version

Pneumatic Series



PP 38, PP 48, PP 63



PP 68, PP 79

Electro Hydraulic Series



PEH2261, PEH2239