

PILOT®

PILOT

Designed  
to give you  
the edge

# The PILOT INDIA Group

What started then, five decades ago, as a small organization has today become The Pilot India Group. It's a conglomerate of several companies manufacturing and marketing industrial, textile & office automation products under the brand name -PILOT.

Pilot India, since its inception has always stood for technical excellence. It is this constant pursuit which has made it a name to reckon with nationally. It all really started with the advent of Spray Guns in the year 1959; as Gravity Feed Gun or as Suction Feed Gun, it brought about a mini revolution in the way the spray job was being done then. Spraying since then has come a long way. The products which followed later like Airless Spray Guns, Conventional Spray Guns, Welding equipments, Drill Chucks and a wide range of Shredders - all a definitive work of technological precision - were further testimonies to its commitment. Never has this commitment changed nor has the belief of doing business ethically. Its competitive pricing and wide network of dealers and sub dealers have also contributed in their ways in making Pilot the brand it is today.

Times have changed. Companies are planning out newer ways of selling their products to the international market.

So is the case with The Pilot India Group, with its products being exported to many countries in Europe, Middle-East, Africa, Asia and Australia.

Continuing with the tradition, this year too Pilot India is introducing several new products. Another year, another launch-but the motto remains the same.

**Pilot India tries all the time so that you excel every time.**

So let's PILOT.

AIRLESS SPRAY GUN E - 88

PILOT POWER



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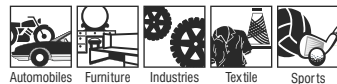
## Spray Gun HVLP - 03

(High Volume Low Pressure)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Unique ACT (Air Circulation Technology) air cap

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Air cap-atomisation



Needle adjustment



Grip - trigger action



Conformity to European Standards

### TECHNICAL DATA

Code no.	HVLP0300P
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)	340-370 (12 -13)
Material output (cc/min)	250
Max. pattern width (mm)	430
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	761

## Spray Gun HVLP - 08 with cup

(High Volume Low Pressure)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Superior Air Cap technology

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Air cap-atomisation



Needle adjustment



Grip - trigger action



Conformity to European Standards

### TECHNICAL DATA

Code no.	HVLP08000
Cup capacity (litres)	1
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)	340-370 (12-13)
Max. pattern width (mm)	430
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	1040

## Spray Gun HVLP - 06

(High Volume Low Pressure)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Unique ACT (Air Circulation Technology) air cap

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Air cap-atomisation



Needle adjustment



Grip - trigger action



Conformity to European Standards

### TECHNICAL DATA

Code no.	HVLP06000
Cup capacity (litres)	0.35
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)	4-6
Max. pattern width (mm)	300
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	330

## Spray Gun HVLP - 08 w/o cup

(High Volume Low Pressure)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Superior Air Cap technology

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Air cap-atomisation



Needle adjustment



Grip - trigger action



Conformity to European Standards

### TECHNICAL DATA

Code no.	HVLP08000 w/c
Cup capacity (litres)	1
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)	340-370 (12-13)
Max. pattern width (mm)	430
Min. Air-compressor (HP)	2
Weight of gun (gms)	695

## Spray Gun HP - 59 S

(High Performance)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Superior Air Cap technology

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Grip - trigger action

**New**



### TECHNICAL DATA

Code no.	HP59000S
Cup capacity (litres)	0.50
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)	225-283 (8-10)
Max. pattern width (mm)	300
Min. Air-compressor (HP)	1-2
Weight of gun with cup (gms)	760

## Spray Gun HP - 64S

(High Performance)

### FEATURES

- Lightweight gravity feed spray gun
- Flexible air cap facilitating spray from round concentrated to fan pattern

### AREAS OF APPLICATION



Electrical equipments Sports goods Computer cabinets



Grip - trigger action



### TECHNICAL DATA

Code no.	HP64000S
Cup capacity (litres)	0.35
Gun distance from work piece mm (inch)	228.6(9)
Fluid nozzle orifice dia. (mm)	1.6
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)	300
Max. pattern width (mm)	250
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	400

## Spray Gun HP - 59 N

(High Performance)

### FEATURES

- Lightweight & sleek
- Symmetric gravity cup
- Superior Air Cap technology

### AREAS OF APPLICATION



Automobiles Furniture Industries Textile Sports



Grip - trigger action

**New**



### TECHNICAL DATA

Code no.	HP59000N
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)	225-283 (8-10)
Max. pattern width (mm)	300
Min. Air-compressor (HP)	1-2
Weight of gun with cup (gms)	680

## Spray Gun HP - 64N

(High Performance)

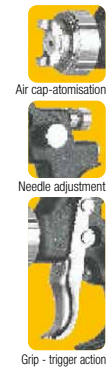
### FEATURES

- Lightweight gravity feed spray gun
- Flexible air cap facilitating spray from round concentrated to fan pattern

### AREAS OF APPLICATION



Electrical equipments Sports goods Computer cabinets



Grip - trigger action



### TECHNICAL DATA

Code no.	HP64000N
Cup capacity (litres)	0.35
Gun distance from work piece mm (inch)	228.6(9)
Fluid nozzle orifice dia. (mm)	1.6
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)	300
Max. pattern width (mm)	250
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	335

# Spray Gun HP - 68 S

(High Performance)

## FEATURES

- Permits exquisite shading & blending
- Accurate and easy trigger control



Active fine spray



Needle adjustment



Trigger action



Turn for air control

## AREAS OF APPLICATION



Pottery Textile/Fabrics Statues



## TECHNICAL DATA

Code no.	HP68000
Cup capacity (litres)	0.14
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia.(mm)	1
Required pressure (kgs/sq.cm)	1-2.5
Air consumption of rated pressure lit/min (c.f.m)	55-115 (2-4)
Material output (cc/min)	85
Max. pattern width (mm)	100
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	384

# Spray Gun HP P - 70 with cup

(High Performance)

## FEATURES

- High speed production
- Spray-jet variable from round concentrated to wide fan pattern

## AREAS OF APPLICATION



Automobiles Ship building

## TECHNICAL DATA

Code no.	HP70000
Cup capacity (litres)	1
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.7
Required pressure (kgs/sq.cm)	2.5-5
Air consumption of rated pressure lit/min (c.f.m)	200-283 (7-10)
Material output (cc/min)	200
Max. pattern width (mm)	360
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	960



Air cap designed for superior spray atomisation



Fluid flow control knobs



Effortless trigger action



Easily removable container



# Spray Gun HP P - 70 w/o cup

(High Performance)

## FEATURES

- High speed production
- Spray-jet variable from round concentrated to wide fan pattern

## AREAS OF APPLICATION



Automobiles Ship building

## TECHNICAL DATA

Code no.	HP70000 w/c
Cup capacity (litres)	1
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.7
Required pressure (kgs/sq.cm)	2.5-5
Air consumption of rated pressure lit/min (c.f.m)	200-283 (7-10)
Material output (cc/min)	200
Max. pattern width (mm)	360
Min. Air-compressor (HP)	2
Weight of gun (gms)	617



Air cap designed for superior spray atomisation



Fluid flow control knobs



Effortless trigger action



## Spray Gun Type - P 80



Air Cap-atomisation



Needle adjustment



For trigger action



Snap-fit lock

### FEATURES

- Used on large surface items
- Spreader control valve

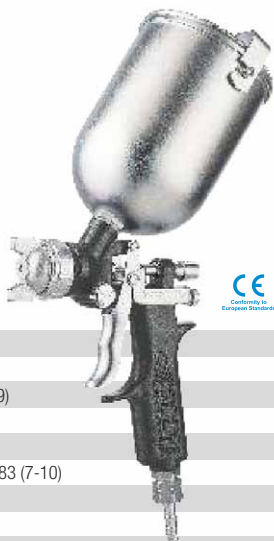
### AREAS OF APPLICATION



Automobiles Ship building

### TECHNICAL DATA

Code no.	80000
Cup capacity (litres)	0.75
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.7
Required pressure (kgs/sq.cm)	2.5 - 5
Air consumption of rated pressure lit/min (c.f.m)	200 - 283 (7-10)
Material output (cc/min)	300
Max. pattern width (mm)	300
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	850



Conformity to European Standards

## Spray Gun Type - 59 S



Air Cap-atomisation



Needle adjustment



Grip - trigger action

### FEATURES

- Balanced handle for comfortable & firm grip
- Easy trigger action for convenient use

### AREAS OF APPLICATION



Pharmaceutical Textile process house

### TECHNICAL DATA

Code no.	59000S
Cup capacity (litres)	0.57
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.8 - 4.2
Air consumption of rated pressure lit/min(c.f.m)	225 - 300 (8-10)
Material output (cc/min)	325
Max. pattern width (mm)	250
Min. Air-compressor (HP)	1-2
Weight of gun with cup (gms)	753



Conformity to European Standards

## Spray Gun Auto 02



Air cap designed for superior spray atomisation



Needle adjustment for better spray



Perfect trigger and link alignment

### FEATURES

- Easy trigger action
- Spreader control knob

### AREAS OF APPLICATION



Automobiles Furniture Machinery

### TECHNICAL DATA

Code no.	02000
Cup capacity (litres)	0.57
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.4
Required pressure (kgs/sq.cm)	2.8 - 4.2
Air consumption of rated pressure lit/min (c.f.m)	255 - 425 (9 - 15)
Material output (cc/min)	250
Max. pattern width (mm)	290
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	750



Conformity to European Standards

## Spray Gun Type - 59 N



Air Cap-atomisation



Needle adjustment



Grip - trigger action

### FEATURES

- Balanced handle for comfortable & firm grip
- Easy trigger action for convenient use

### AREAS OF APPLICATION



Pharmaceutical Textile process house

### TECHNICAL DATA

Code no.	59000N
Cup capacity (litres)	0.57
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.8 - 4.2
Air consumption of rated pressure lit/min(c.f.m)	225 - 300 (8-10)
Material output (cc/min)	325
Max. pattern width (mm)	250
Min. Air-compressor (HP)	1-2
Weight of gun with cup (gms)	675



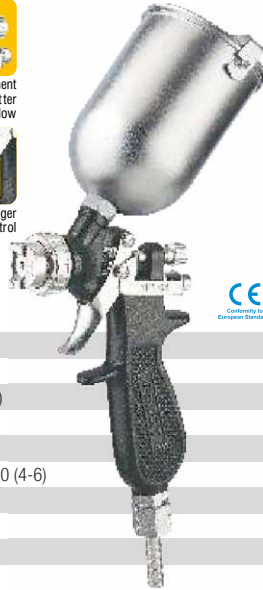
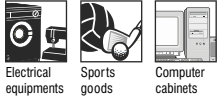
Conformity to European Standards

## Spray Gun Type - 64S

### FEATURES

- Light weight gravity feed spray gun
- Flexible air cap facilitating spray from round concentrated to fan pattern

### AREAS OF APPLICATION



### TECHNICAL DATA

Code no.	64000S
Cup capacity (litres)	0.34
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.1 - 2.8
Air consumption of rated pressure lit/min (c.f.m)	115 - 170 (4-6)
Material output (cc/min)	300
Max. pattern width (mm)	180
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	485

## Spray Gun Type - 68

### FEATURES

- Permits exquisite shading & blending
- Accurate and easy trigger control

### AREAS OF APPLICATION



### TECHNICAL DATA

Code no.	68000
Cup capacity (litres)	0.14
Gun distance from work piece mm(inch)	228.6 (9)
Fluid nozzle orifice dia.(mm)	1
Required pressure (kgs/sq.cm)	1 - 2.5
Air consumption of rated pressure lit/min(c.f.m)	55 - 115 (2-4)
Material output (cc/min)	85
Max. pattern width (mm)	100
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	395

## Spray Gun Type - 64N

### FEATURES

- Light weight gravity feed spray gun
- Flexible air cap facilitating spray from round concentrated to fan pattern

### AREAS OF APPLICATION



### TECHNICAL DATA

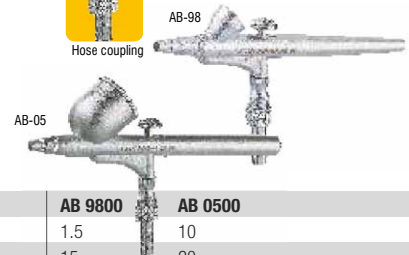
Code no.	64000N
Cup capacity (litres)	0.34
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.6
Required pressure (kgs/sq.cm)	2.1-2.8
Air consumption of rated pressure lit/min (c.f.m)	115 - 170 (4-6)
Material output (cc/min)	300
Max. pattern width (mm)	180
Min. Air-compressor (HP)	1
Weight of gun with cup (gms)	470

## Air Brush Gun

### FEATURES

- Lightweight pen gun with a larger cup
- Improved stainless steel needle & nozzle
- Suitable for the kind of spraying required in precision artistic jobs for free-hand or stencil designing
- Adaptable using any colouring agent

### AREAS OF APPLICATION



### TECHNICAL DATA

Code no.	AB 9800	AB 0500
Cup capacity (ml)	1.5	10
Max. pattern width (mm)	15	20
Gun distance from work piece mm(inch)	50 (2)	50 (2)
Fluid nozzle orifice dia.(mm)	0.3	0.3
Required pressure (kgs/sq.cm)	1.5	1.5
Air consumption of rated pressure lit/min(c.f.m)	5 (0.17)	5 (0.17)
Material output (cc/min)	2	2
Min. Air-compressor (HP)	0.25	0.25
Weight of gun (gms)	80	90

## Spray Gun Type P - 70 with cup

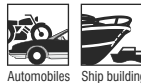


Air cap designed for superior spray atomisation

### FEATURES

- High speed production
- Spray-jet variable from round concentrated to wide fan pattern

### AREAS OF APPLICATION



Automobiles Ship building



Fluid flow control knobs



Effortless trigger action



Easily removable container



CE  
Conforms to  
European Standards

### TECHNICAL DATA

<b>Code no.</b>	<b>70000</b>
Cup capacity (litres)	1
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.7
Required pressure (kgs/sq.cm)	2.5-5
Air consumption of rated pressure lit/min (c.f.m)	200 - 283 (7-10)
Material output (cc/min)	200
Max. pattern width (mm)	300
Min. Air-compressor (HP)	2
Weight of gun with cup (gms)	1030

## Spray Gun Type P - 70 w/o cup

(without cup)



Air cap designed for superior spray atomisation

### FEATURES

- High speed production
- Spray-jet variable from round concentrated to wide fan pattern

### AREAS OF APPLICATION



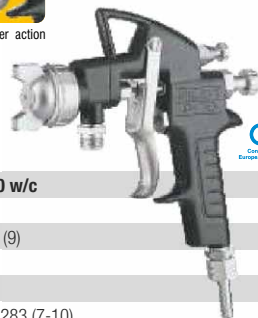
Automobiles Ship building



Fluid flow control knobs



Effortless trigger action



CE  
Conforms to  
European Standards

### TECHNICAL DATA

<b>Code no.</b>	<b>70000 w/c</b>
Cup capacity (litres)	1
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	1.7
Required pressure (kgs/sq.cm)	2.5-5
Air consumption of rated pressure lit/min (c.f.m)	200 - 283 (7-10)
Material output (cc/min)	200
Max. pattern width (mm)	300
Min. Air-compressor (HP)	2
Weight of gun (gms)	690

## Airless Spray Gun E - 88



Cone-shaped spray nozzle



Flow control knob



Flash proof switch

### FEATURES

- Simple design hence convenient
- Stronger pump giving efficient performance
- Uses superior valve design for excellent atomization
- No need of compressor. Plug in & spray

### AREAS OF APPLICATION



Furniture

Photographers

Sculpture painting

Garages



Insecticides

Preservatives

Housekeeping



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European Standards

### TECHNICAL DATA

<b>Code no.</b>	<b>880000</b>	<b>E-88 Nozzle Selector Chart</b>	
Max. delivery rate (test liquid : water) lit/min	0.26	For oils, washes (mm)	0.3
Rated power W	65	For thin flowing enamels (mm)	0.4 / 0.5
Voltage V	220-230 / 110	For primers, base-coats, thick flowing enamels (mm)	0.6 / 0.7
Frequency Hz	50 / 60	For general purpose tips (mm)	0.8
Pressure max. (bar)	150	For medium viscous material (mm)	1.0 / 1.2
Container holds (cu. cm.)	800		
Weight kg	1.43		
Noise level dB	90/95		



## Sand Blasting Gun SBG - 03S



Better grip for effortless trigger action



Nozzle for fine air jet



### FEATURES

- Quick and easy cleaning/refinishing by removing old paint, rust, corrosion.
- Suitable for cleaning small areas (wheels/chassis) or larger areas
- Available in gravity & suction type

### AREAS OF APPLICATION



Cleaning rust-automobiles, garden tools



Etching- Metal, Stone, Wood, Glass

### TECHNICAL DATA

Code no.	SBG-03S
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)	534

## Air Blow Gun AG-03



Nozzle for strong air jet



Better grip for effortless trigger action



### FEATURES

- Comfortable pistol grip
- Quick easy trigger action
- Fitted with non-leak air-valve hence used on both high and low pressure

### AREAS OF APPLICATION



Foundries



Machine shops



Plastic moulding industry

### 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)	220

## Sand Blasting Gun SBG - 03G



Nozzle for strong air jet



Better grip for effortless trigger action



### FEATURES

- Quick and easy cleaning/refinishing by removing old paint, rust, corrosion.
- Suitable for cleaning small areas (wheels/chassis) or larger areas
- Available in gravity & suction type

### AREAS OF APPLICATION



Cleaning rust-automobiles, garden tools



Etching- Metal, Stone, Wood, Glass

### 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 cup (gms)	435

## Air Blow Gun A-98



Easy thumb action



Nozzle for fine air jet



### FEATURES

- Comfortable pistol grip
- Quick easy trigger action
- Fitted with non-leak air-valve hence used on both high and low pressures

### AREAS OF APPLICATION



Foundries



Machine shops



Plastic moulding industry

### TECHNICAL DATA

Code no.	98000
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)	210

## Pressure Cleaning Gun PCG - 01

### FEATURES

- Robust, compact & reliable
- Suitable for high-pressure washing applications

### AREAS OF APPLICATION



Animal/bird breeding farms



Cement plants



Hotel kitchens



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 (LPM)	8.5-28
Weight of gun (gms)	580

## Under Body Coating Gun UBG - 03

### FEATURES

- Aluminium-bodied gun
- Used for applying mono component, soundproofing protective compounds & protective bases

### AREAS OF APPLICATION



Garages



Workshops



Service stations

### 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)	420



Nozzle



Locking nut



## Oil Gun OG - 03

### FEATURES

- Internal atomization type nozzle
- Adjustable light/heavy degree of atomization

### AREAS OF APPLICATION



Vehicle workshops



Service centres



Nozzle



Cup holder



### TECHNICAL DATA

Code no.	OG-03
Fluid nozzle orifice dia. (mm)	7.5
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)	500

## Foundry Gun FG - 03

### FEATURES

- Fine spray
- Easily operated using finger & thumb action

### AREAS OF APPLICATION



Foundry



Moulding

### TECHNICAL DATA

Code no.	FG 03
Feed	Suction
Gun distance from work piece mm (inch)	228.6 (9)
Fluid nozzle orifice dia. (mm)	4
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)	310



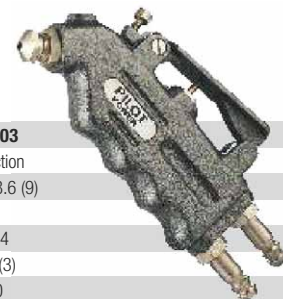
Adjustable screw nozzle for a better finish



Effortless trigger action



Hose connector



# Gas Cutting Torches

## GCT - 07



Nozzle



Gas control knob



Hose connectors with non-return valve

### FEATURES

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

### AREAS OF APPLICATION



Garages Service stations Wrought iron furniture Fabrication

### 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"



# Gas Torches

### FEATURES

- Sturdy high quality brass body
- Nylon sealed gas valves preventing leak prolonging life service
- Lightweight & convenient to handle

Detachable type nozzle



Swage type nozzle



Gas control knob



Hose connectors with non-return valve

### AREAS OF APPLICATION



Garages Service stations Wrought iron furniture

### 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
		0	1	2	3	5	7	10	13	18	25
Tip number		0.14	0.14	0.14	0.14	0.14	0.28	0.28	0.28	0.42	0.42
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



Swage Type Nozzles  
Detachable nozzles available in sizes of 0, 1, 2 & 3

Detachable Type Nozzles  
Six detachable copper tips available in sizes of 0, 1, 2 & 3

# Stain Removing Gun

## TEX - 90

### FEATURES

- Lightweight & easy to handle
- Long life with minimal maintenance
- Adjustable nozzle
- No compressor required

### AREAS OF APPLICATION



Textile/ Garment industry Laundry/ dry cleaners Carpet industry

### TECHNICAL DATA

Code no.	900000
Max. delivery rate (test liquid:water) lit/min	0.06
Weight (kg)	1.30
Rated power (W)	65
Voltage (V)	220-230 / 110
Frequency (Hz)	50 / 60
Container holds (cu.cm.)	800
Noise level (dB)	92 - 95
Weight of can	1.5 kg



Quick change nozzle head for sharp and mist jet



Pressure control knob



Flash proof switch



Conformity to European Standards

# Drill Chucks

### FEATURES

- Special alloy steel body
- Hardened sleeve, center-ground jaws, steel keys & gear rings for long life
- Hardened jaws & nuts maintaining accuracy

### AREAS OF APPLICATION



Drilling m/c, Lathes Power tools



### TECHNICAL DATA

#### Light Duty Threaded Chucks (Max. Run-Out 0.1mm)

Model	Capacity (mm)	Mounts	Key
PTL0106/24	0.5-6.5	3/8" x 24 UNF	P - 1
PTL0110/20	1.5-10	1/2" x 20 UNF	P - 1
PTL0110/24	1.5-10	3/8" x 24 UNF	P - 1
PTL0113/20	1.5-13	1/2" x 20 UNF	P - 2
PTL0116/20	3-16	1/2" x 20 UNF	P - 3
PTL0116/16	3-16	1/2" x 16 UNF	P - 3

#### Light Duty Taper Chucks (Max. Run-Out 0.02mm)

Model	Capacity (mm)	Mounts	Key
PJL0106/1	0.6-6.5	JT 1	P-1
PJL0110/2	1.5-10	JT 2	P-1
PJL0113/6	1.5-13	JT 6	P-2
PJL0116/3	3-16	JT 3	P-3

#### Keys

#### Key Capacity (mm)

P-1	0.5-6.5 / 1.5-10
P-2	1.5-13
P-3	3-16
P-4	1-13
P-5	3-16
P-6	5-20

#### Heavy Duty Taper Chucks (Max. Run-Out 0.08mm)

Model	Capacity (mm)	Mounts	Key
PJH0113/6	1-13	JT 6	P-4
PJH0116/3	3-16	JT 3	P-5
PJH0116/6	3-16	JT 6	P-5
PJH0120/3	5-20	JT 3	P-6

# Accessories

## Nozzle Chart




Gun type	Code no.	Nozzle size (mm)										
HVLP-03 <small>(Available only in Stainless steel)</small>	HVLP 03002	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
HP - 59*	HP 59003	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
Type - 59*	59003	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
Type - 64*	64003	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
Type - 68*	68002	1	-	-	-	-	-	-	-	-	-	
Type - 70*	70002	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
Type - 80*	80002	1	1.2	1.4	1.5	1.6	1.8	2	2.2			
Type - 02*	02002	-	-	1.4	1.5	1.6	-	-	-			
*Stainless steel nozzles also available												

E-88 88001 0.3 0.4 0.5 0.6 0.7 0.8 1.0 1.2

Refer nozzle selector chart on product page no. 8

## Gas Torches








































Type	Code no.	Tip no.									
Swage	GTS00S	0	1	2	3	5	7	10	13	18	25
Detachable	GTD00S	0	1	2	3	5	7	10	13	18	25

Type of Guns	HVLP 03	HP 59	59	64	68	70	80	02	
Hose coupling	•	•	•	•	•	•	•	•	
Hose coupling with air control	-	-	•	•	-	•	•	•	
Adaptor for side cup	•	•	•	•	•	-	•	•	

Gun with side cup



# Repair Kit

	Air cap	Nozzle	Needle	Air valve pin	Packing	
<b>HVLP 03</b>						
Code HVLP 03030			 <small>(Images are only for illustration)</small>		N.A.	
<b>HP 59</b>						
Code HP 59030			 <small>(Images are only for illustration)</small>		N.A.	
<b>Type 59</b>						
Code 59036						
<b>Type 64</b>						
Code 64031						
<b>Type 68</b>						
Code 68031						
<b>Type 70</b>						
Code 70037						
<b>Type 80</b>						
Code 80033						
<b>Auto 02</b>						
Code 02033						
<b>E 88</b>	Code 88033					
<b>Tex 90</b>	Code 90032					

