

Rotation Shock Wave Nozzle

Manvac Air Blow Gun



CONTENTS



Product Overview



Specifications



Application



Product Lineup

Product Overview

Manvac Air Gun is the products which expand the range of airblow of jetting exit due to high speed rotation along inside of coverthe range is expanded but the effect can not be reduced. Air can be increased rather due to impactt shock wave.

Intermittent Shock Wave (not continuous Air Blow)

Hitting Stronger Effects(not Pushing Effects)

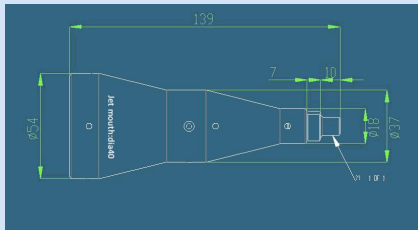
Efficient De-Watering & -Oiling

Less Air consumption & Reduction of Treatment Time

Model: MV-40(unit type)

Connection: 1/8" G thread

Size



Model: MV-40G(with air gun)

Connection: one touch coupler(plug 1/4")

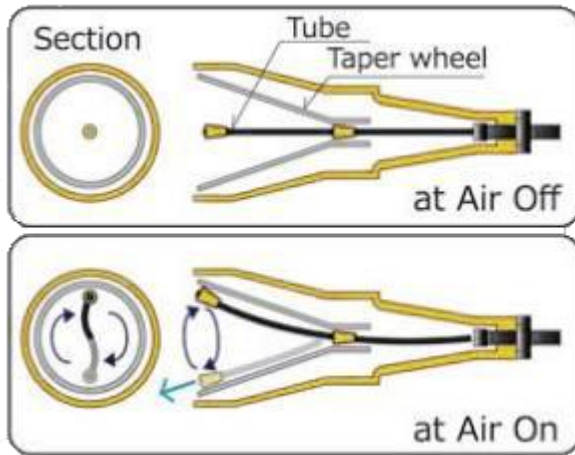
Material



- Outer Case: POM resin (Polyacetal)
- Taper wheel: POM resin (Polyacetal)
- Bearing: SUJ2 (steel*Grease enclosed)
- Nozzle Tube: Soft urethane
- Connection: BS (Nickel plated)
- Jet mouth: Dia40

Model	Air flow	Air pressure		Temperature	Using flow volume
MV-40	0.1~0.11m ³ /min	Air gun 0.4~0.45Mpa	Fixed piping 0.3~0.35Mpa	10~40℃	Air Volume 100NL/min(0.4Mpa)

Movement explanation of Air blow gun(at start of shock wave)



When you feed air, Tube starts to move by the pressure and to rotate along inside wall of taper wheel.

When you touch jetting mouth of Manvac air blow gun by your hand you feel intermittent hitting of air. It is shock wave.

Shock wave generated by rotation of tube generates air impact power of same rotation as tube rotation(MV series:20rotations/sec or more)

Taper wheel (white cover)is a part which makes synchronous rotation with nozzle tube By this synchronous rotation you can reduce frictional resistance and protect the generation of dust and consumption .

What is difference between Manvac air-gun and conventional air-gun



(Manvac air gun repeats air impact power due to effect of rotation shock wave nozzle and as a result you can hit and get out the remaining water in dent

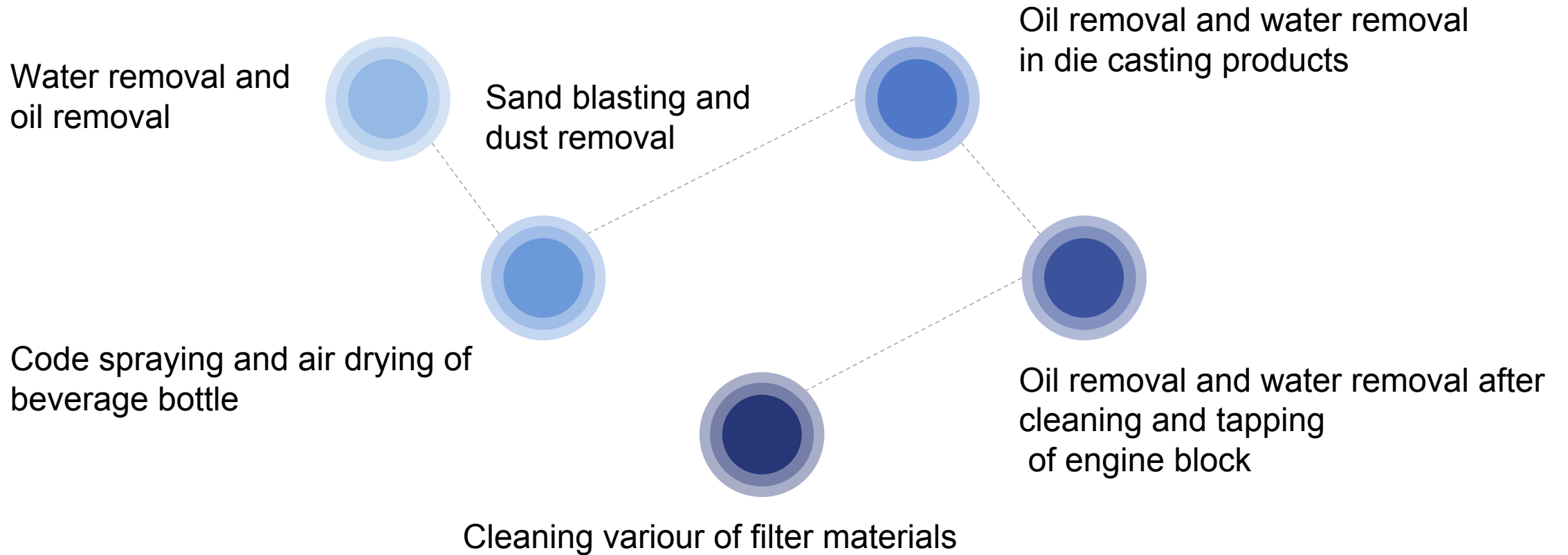
In case of conventional air gun .it pushes only by air and can not jump difference in level and as a result the water remains in dent.

In you use it with same pressure and same flow volume, Manvac air gun can treat more wide range by effect of rotating shock wave nozzle air gun shock wave

Manvac air gun is air nozzle for saving energy.



Scope of Application



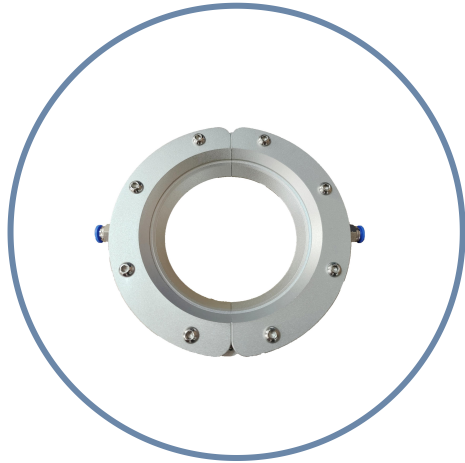
Product Lineup



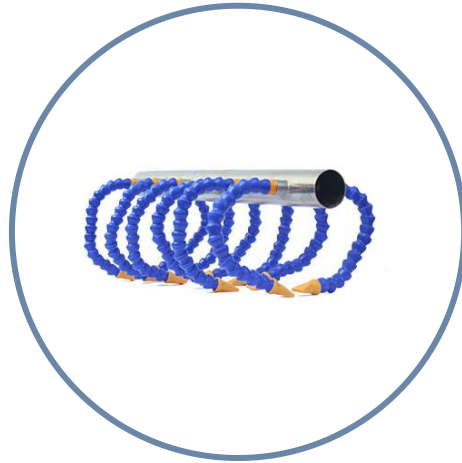
Customizable Stainless Steel Air Guns



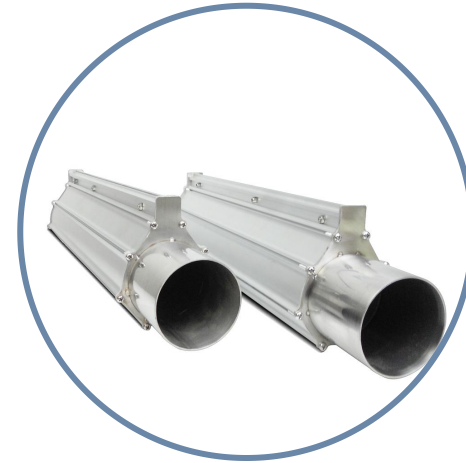
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Annular air knife



Spider air knife



Coanda air knife



Stainless steel air knife



Compression air knife



Blower dryer system

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