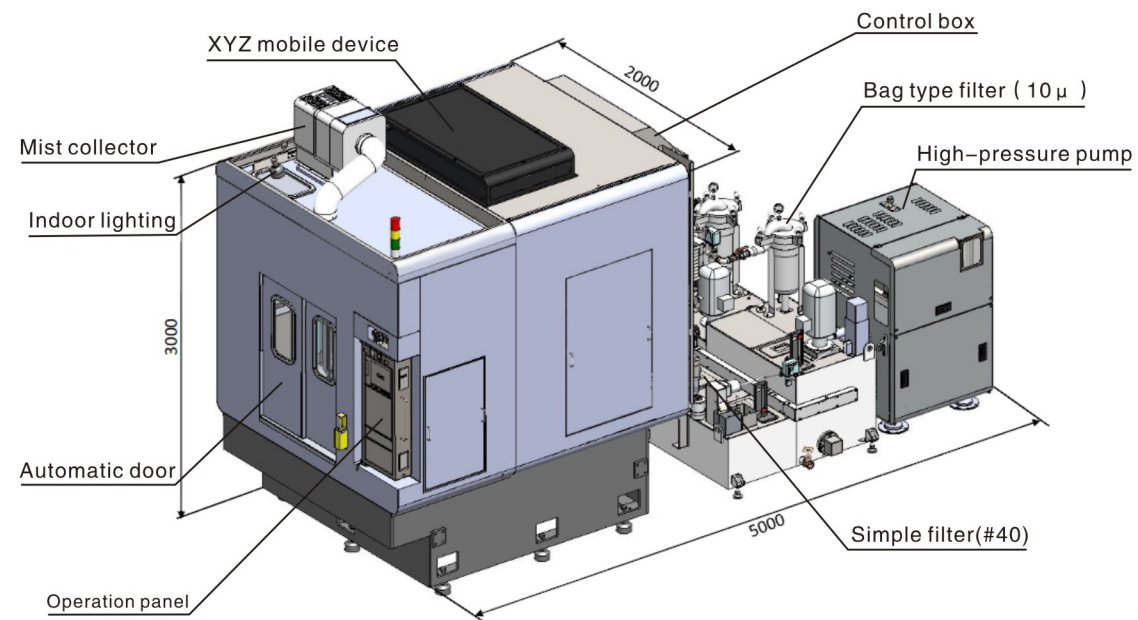


Device Appearance



Specification

Model	i-movacS	i-movacMA	i-movacLA
High-pressure pump	5000psi (35MPa) x 16L/min	7000psi (50MPa) x 20L/min	
Pressure regulation method	Smart pressure control system		
Stroke (mm)	X=250 Y=300 Z=400	X=700 Y=500 Z=500	X=1000 Y=500 Z=500
Fastest moving speed	48m/min (X,Y,Z)		30m/min (X,Y,Z)
Repeating location precision	± 0.05mm		± 0.08mm
Spindle speed	500min ⁻¹		
Nozzle quantity	1PC(option 3pcs)	4 PCS (option 6pcs)	
CNC specification	FANUC 0i MATE MD		
Filtering system	Basket(#40)+Filter bag(10 μ)	Basket(#40)+ Filter bag(10 μ)+Filter bag(5 μ)	
Components	CNC Rotary Table, Oil Separator, Mist Collector, Indoor Lighting		
Weight	5.5Ton	6.5Ton	8Ton
Appearance size (mm)	W1200 x L4100 x H3000	W2000 x L5000 x H3000	W2400 x L5200 x H3000
Capacity	35KVA	41KVA	

MOVAC LTD

R&D OFFICE (JAPAN)
 〒938-0162 TOYAMA SHIMONIIKAWA ASAHI
 YAMAZAKI 3889
 TEL (090) 9447-8553 FAX (0765) 84-8033

FE-MOVAC

R&D MANUFACTURING BASE (CHINA)
 SHANGHAI FE-MOVAC PRECISION MACHINE LTD.
 NO.268, YUANKANG ROAD, BAOSHAN, SHANGHAI.
 TEL (021) 3616-0880 FAX (021) 3616-0892
<http://www.fe-movac.com>

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7000psi (50MPa) CNC Water Jet Center

For Precision Washing, Deburring, Desanding



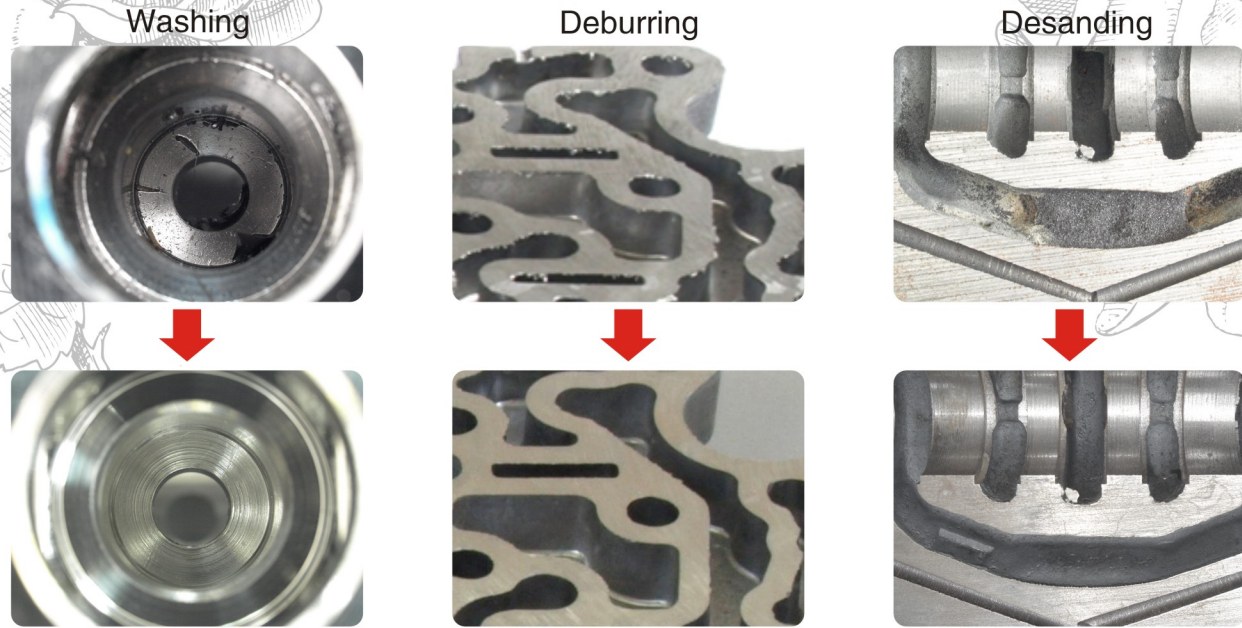
i-movac series

MOVAC=Most Valuable Concept

FE-MOVAC
 Shanghai FE-MOVAC Precision Machine Ltd

Basic Functions

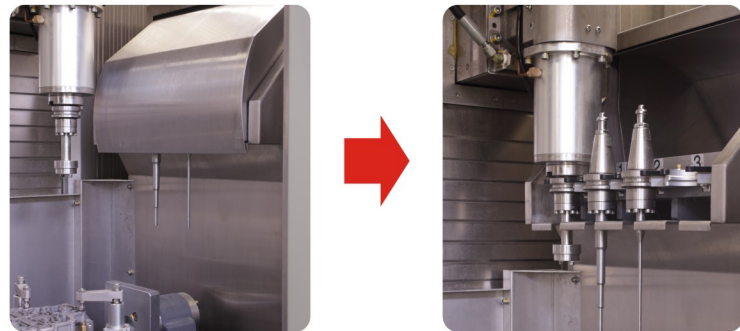
- Precision washing with 7000psi(50MPa) high-pressure water. Only use water to remove the chip, burr and sand.



※Different conditions,Different effects.

Automatic Tool Changing System PAT.Japan&China

Work piece can be cleaned with several kinds of nozzles,It's most suitable for the work pieces with complicated contours.ATC with high rigidity,which is hardly deformations in the system,supporting the system to do the precision washing.

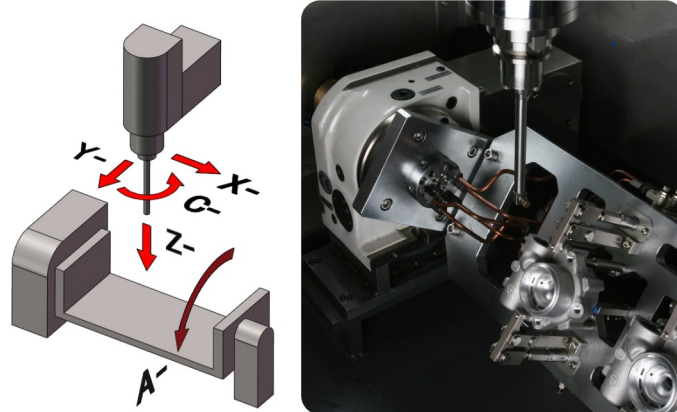


- Twin Nozzles (option)
With twin Nozzles, more efficiency!



Controlled By CNC 5-Axis (standard equipment)


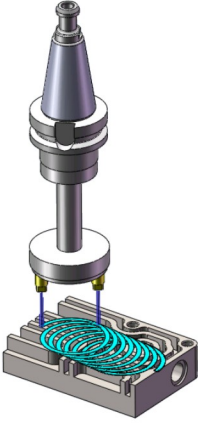

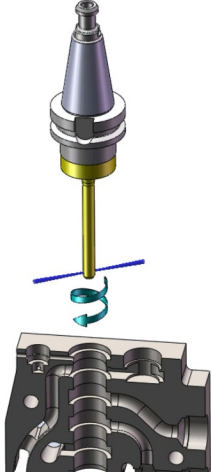

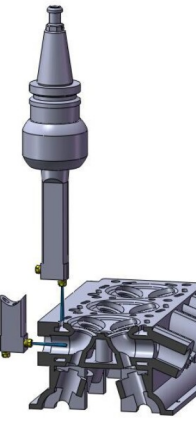
As controlled by CNC 5-axis,the system can washing 6-faces of the work piece with CNC system, the operation is much easier.



The Latest Technology In The Industry

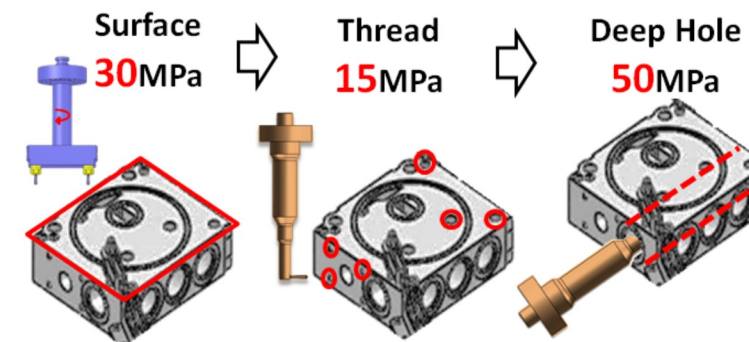
- **Mighty Nozzle PAT.P**
This nozzle covers the function of the other 3types

- **Speed Flex Nozzle PAT.P**
No need to change the nozzle
The direction of the jet can be changed quickly.

Mighty Nozzle	Surface Nozzle	Downward Nozzle	Lance Nozzle	Side Nozzle	Speed flex Nozzle
					
ABS Body Master Cylinder	Valve Body	Power Steering Pump	Hydraulic Valve	Crank Shaft	Cylinder Head

Smart Pressure Control System

The pressure of the nozzle can be arbitrarily set in the program code.



Water Jet Guarantee System PAT.P (option)

The system can automatically check the high pressure water which comes from the nozzle and make sure the water reaches the target position.

