



SV-VV Series

DIAMOND WIRE COATING HIGH PRESSURE INJECTION MOULDING MACHINE

Swift Auxi Technik Pvt. Ltd. banks upon the extensive and practical knowledge gathered over three decades of our existence in creating our special Vertical Injection Moulding Machines under the global brand-SWIFT. These special machined are designed specifically for coating all types of diamond wire ropes used internationally. The processing method of polyurethane is highly critical but thanks to our indigenously designed unique screw design. Our SWIFT machines can process all types of polyurethane and even plastic raw materials. We employ energy saving variable high pressure pump, dual high speed and high pressure clamping cylinder and microprocessor controller which ensures best performance and higher production while coating flash proof diamond wires.

Specifications

MODEL	UNITS	SV-VV - 40	SV-VV - 85
INJECTION UNIT			
Screw Diameter	mm	35	40
Theoretical Shot Volume	cm ³	180	142
Max. Shot Weight (PS)	g	100	150
Injection Pressure	kg/cm ²	1723	1842
Injection Rate	cm ³ /sec	87	134
Temperature Control	Zone	4	5
Material Hopper Capacity	kg.	15	20
CLAMPING UNIT			
Clamping Force	Tons	40	85
Opening Force	mm	200	200
Min.Mold Height	mm	200	200
Opening Stroke	mm	200	200
Max. DayLight	mm	350	350
Max Mold Size	mm	390 x 240	430 x 280
GENERAL			
Max. Hydraulic Pressure	kg/cm ²	180	180
Pump Motor Power	KW	5	10
Heating Capacity	KW	4.5	5
Total Wattage	KW	9.5	15
Machine Weight	kg	1450	2535
Machine Dimension L x W x H	m	1.98 x 1.1 x 3.37	2.3 x 1.2 x 3.5

Note : Due to continuous improvement , Specifications are subject to change without prior notice.

ATTRIBUTE

- Rigid machine structure.
- Four column vertical clamping system.
- High pressure robust mould clamping force..
- Programmable double speed mould clamping.
- Liner transducer for mould close-open stroke.
- High pressure dual injection cylinder.
- Large LD ration for homogenous optimum melt.
- Programmable injection speed and pressure.
- Liner transducer for stroke adjustment.
- Fully microprocessor controlled HMI & PLC.
- Energy efficiency and high pressure VDP pump.

OPTIONAL

- Wire Tensioner.
- Scientific
- Robot Interface.
- Cooling Tower.



Hot Air Dryer (SEHD Series)



Hopper Loader



Grinder



Diamond Wire Coating Mould

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www.swiftauxi.com



SWIFT AUXI TECHNIK PVT. LTD.

Mfg. : Vertical Injection Molding Machine & Plastic Auxiliaries

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