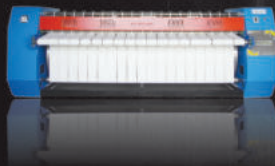




N A G A R J U N
INTERNATIONAL TRADING COMPANY

We Grow Together...

18
YEARS



AN ISO 9001 : 2015 CERTIFIED COMPANY

2023

INDUSTRIAL WASHING, FINISHING EQUIPMENTS & POWER LAUNDRY MACHINERIES



we grow together



STARFISH INDIA
LAUNDRY MACHINES PRIVATE LIMITED



NAGARJUN
INTERNATIONAL TRADING COMPANY

We Grow Together...

From the CEO'S desk

STARFISH is more than just a laundry equipment manufacturer. It is a community of people who share a common vision: "We Grow Together". We believe in creating value for our customers, our company and our society as a whole.

We are passionate about understanding our customers and their needs. We work closely with them to analyze their market potential and provide them with the best solutions for their laundry business. We don't just sell machines, we build relationships.

We are proud of our high-quality products, which are designed to meet the highest standards of reliability and performance. We follow strict ISO protocols and constantly innovate to improve our machines and services. We know how important it is for our customers to offer uninterrupted laundry service to their clients, and we want to help them achieve that.

That's why we offer service plans and on-site services along with AMC. We want to ensure that our customers can run their business smoothly and hassle-free. We want to see them grow and succeed with STARFISH.

STARFISH is not just a brand, it is a family. Join us today and discover the difference.



we grow together

SARAVANAKUMAR MARIMUTHU

FOUNDER AND CEO,



STARFISH INDIA
LAUNDRY MACHINES PRIVATE LIMITED



NAGARJUN
INTERNATIONAL TRADING COMPANY

We Grow Together...

ABOUT VACUUM IRONING

Steam iron is ideal for achieving a professionally pressed appearance for your clothes right in the comfort of your home. The steam emitted by the iron effectively moistens the fibers of your garments, facilitating easier and more efficient pressing. Additionally, the steam helps to maintain the fabric's shape for an extended period.

Steam ironing offers the advantage of softening the fabric, resulting in smoother and quicker ironing sessions. Conversely, a dry iron cannot produce steam or mist, limiting its functionality but simplifying its operation.

Curious about the steam ironing process?

It's a time-honoured technique for producing hydrogen and involves a cyclic process of water cleavage fueled by coal consumption. Coal is gasified, yielding a lean-reducing gas containing carbon monoxide and hydrogen.

Which type of iron is best for clothes?

Steam iron is the top choice when selecting the ideal iron for your clothes. Given the wide array of materials used in clothing, a steam iron equipped with multiple heat settings proves versatile enough to handle delicate fabrics like polyester and silk and churidar materials like linen and cotton.

What are the disadvantages of steam ironing?

While steam ironing is undeniably convenient, it does have its drawbacks. One limitation is its fabric-specific nature. Not all fabrics respond equally well to steam ironing, especially heavier materials such as polyester blends or wool, as the steam may not effectively eliminate creases.

Vacuum board

For enhanced ironing efficiency, consider using a vacuum board. This professional ironing table features a heated pressing surface and a motor. A vacuum is created on the pressing surface by activating the motor via a foot pedal, effectively removing moisture from the garment.

The process of ironing involves loosening the molecular bonds in polymer fibre materials. With heat and the weight of the ironing plate, the fibres are stretched, and the fabric retains its new shape once cooled. Some fabrics, like cotton, benefit from adding water to loosen the intermolecular bonds.

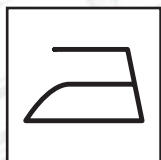
In the case of cotton fibres derived from cellulose, heating allows the reformation of hydroxyl groups that crosslink the cellulose polymer chains, creating a somewhat "locked in place" effect upon cooling. Chemical agents like dimethylol ethylene urea are introduced as crosslinking agents for permanently pressed clothing.

Steam Boiler

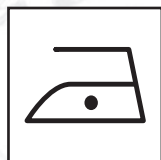
A steam boiler is a vital component to convert water into steam using continuous heating at the required pressure. The operating principle is straightforward: water is stored within a closed vessel, and the heater transfers heat energy to the water, generating steam within the boiler. This heated or vaporised fluid remains within the boiler and finds application in various industrial heating processes, including water heating, power generation, and core heating.

Press

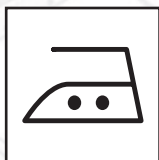
In the modernised world, traditional designs have given way to electric irons, which utilise resistive heating from an electric current. The hot plate, known as the sole plate, is typically made of polished aluminium or stainless steel, engineered to maximise smoothness. In some cases, the plate may be coated with a low-friction, heat-resistant plastic to reduce friction further. The heating element is controlled by a thermostat, ensuring that the current is switched on and off to maintain the desired temperature.



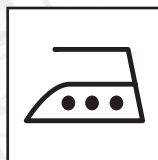
Ironing symbol



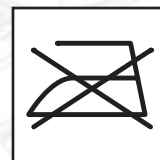
Iron at low temperature



Iron at medium temperature



Iron at high temperature



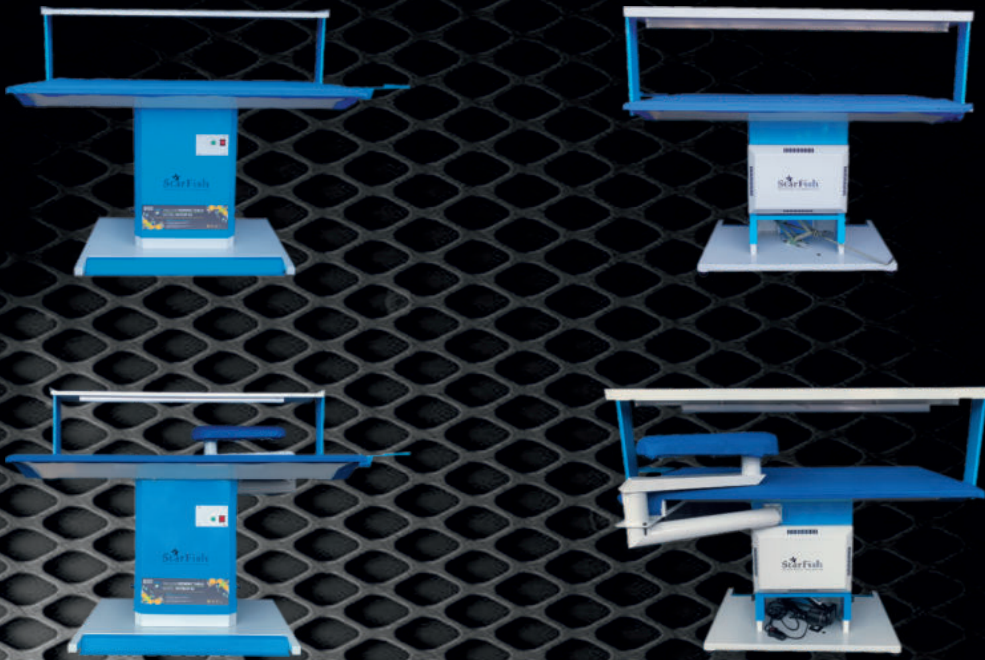
Do not iron



VACUUM IRONING



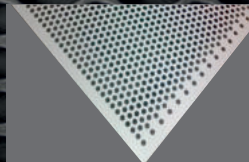
Vacuum Ironing Table | Premium



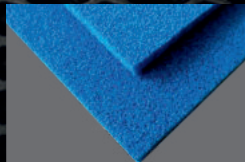
- Premium Vacuum Ironing Tables are equipped with washable Silicon Foam and Heat Proof Cloth, providing a high-quality surface for ironing. These tables are available in single phase and can be fitted with a buck attachment optional.
- Our vacuum technology ensures that moisture and heat are extracted instantly, resulting in crease-free and dry garments. The strong vacuum feature keeps the garments dry and rapidly cools them down.
- Designed for full length leg operation, these tables can be conveniently foot operated along their entire length. The table top is perforated, allowing for powerful and instantaneous suction. The symmetric design of the perforations prevents steam out with aluminum sheet from entering the table.
- The mechanical and electrical components of the table are easily removable and can be replaced within minutes, making maintenance a breeze. Additionally, each table comes with a storage rack for conveniently storing pressed clothes.



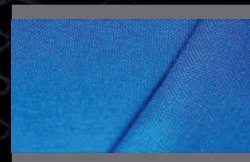
Buck



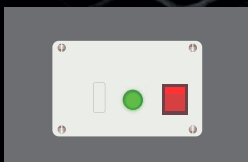
Aluminium Sheet



Silicon Foam



Polyester Cloth



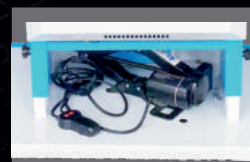
Control Panel



Height Adjuster



Mechanical Jack

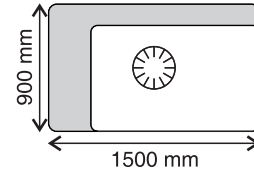


Electrical Jack

Vaccum Ironing Table | Premium

PERFORMANCE

Motor Brand	Specially Designed by us
Volt	415 / 3Ø or 220 / 1Ø
Motor Speed Rpm	2880
Table Top Cloth	Imported Polyester Fabric
Table Foam	Silicon
Control Panel	PCB
Light Fitting	LED Tube

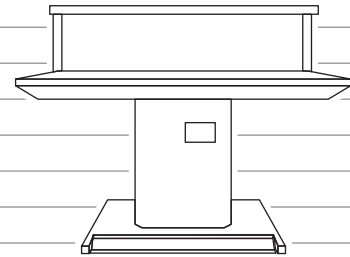


SAFETY

Pedal	Limit Switch
-------	--------------

CONSTRUCTION

Body Type	Mild Steel
Table Top Sheet	Aluminium
Perforation	Turret Punch Press
Iron Box Tray	Mild Steel
Cloth Tray	Mild Steel
Aerial Spring	Chrome Plated Mild Steel
Side Cover	Mild Steel
Pedal Base Frame	Mild Steel
Height Adjustment	Manually
Height Adjustment Mechanical [O]	By Screw Jack
Height Adjustment Automatic [O]	Electrical Jacks
Nuts, Bolts And Connectors	Mild Steel
Top and bottom Connector	Nuts and Bolts
Sleeve Buck [Optional]	Perforated Mild Steel
Cutting	CNC Cutting
Bending	CNC Bending
Welding	Laser MIG/TIG



AESTHETIC

Overall Finish	Powder Coated
Logo	Starfish Engraving with LED Lights

TECHNICAL SPECIFICATION

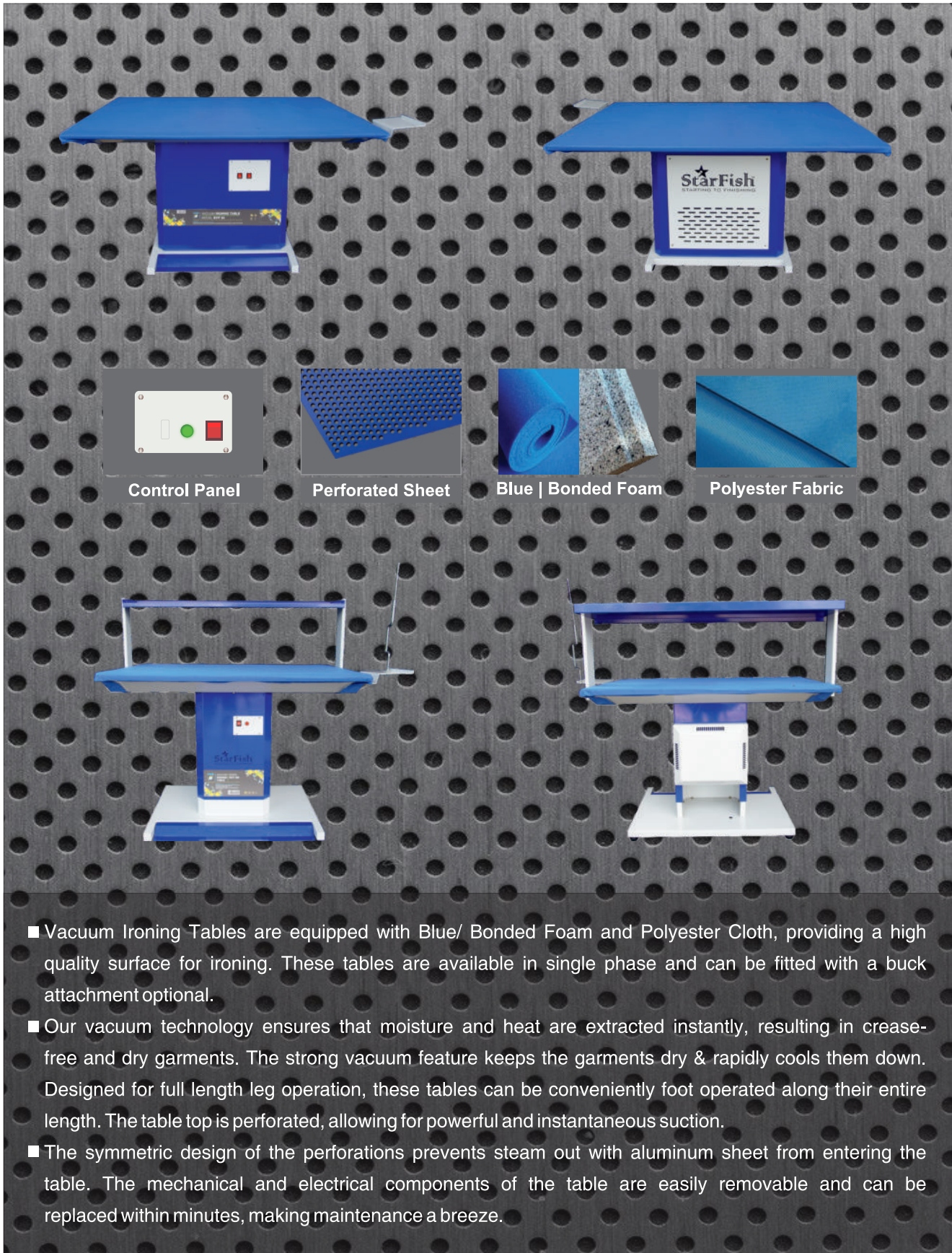
Model	SVITP 53	SVITHP 53	SVITBHP 53
Table Size in mm	1500 x 900	1500 x 900	1500 x 900
Suction Area in mm	1200 x 750	1200 x 750	1200 x 750
Height Adjustment in mm	150	150	150
Buck Attachment	Three in One Sleeve, Shoulder and Waist		
Over All Dimension in mm	1700 x 900 x 1350	1700 x 900 x 1350	1700 x 1100 x 1350

GENERAL

	0.5	0.5	0.5
Motor Power in kw	0.5	0.5	0.5
Table Top Heater in kw [O]	2	2	2
Foundation	Not Required		
Weight in Kgs	83.5	85	9

[O]-Optional

Vacuum Ironing Table | Standard



Control Panel

Perforated Sheet

Blue | Bonded Foam

Polyester Fabric

- Vacuum Ironing Tables are equipped with Blue/ Bonded Foam and Polyester Cloth, providing a high quality surface for ironing. These tables are available in single phase and can be fitted with a buck attachment optional.
- Our vacuum technology ensures that moisture and heat are extracted instantly, resulting in crease-free and dry garments. The strong vacuum feature keeps the garments dry & rapidly cools them down. Designed for full length leg operation, these tables can be conveniently foot operated along their entire length. The table top is perforated, allowing for powerful and instantaneous suction.
- The symmetric design of the perforations prevents steam out with aluminum sheet from entering the table. The mechanical and electrical components of the table are easily removable and can be replaced within minutes, making maintenance a breeze.

Vacuum Ironing Table | Standard

PERFORMANCE

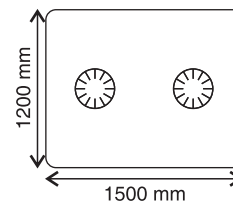
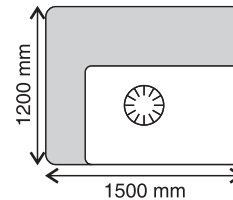
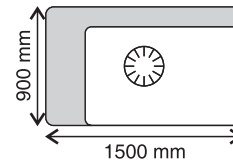
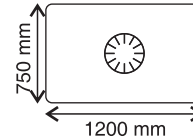
Motor Brand	Specially Designed by us
Volt	415 / 3Ø or 220 / 1Ø
Motor Speed Rpm	2880
Table Top Cloth	Polyester Cloth
Table Foam	Blue Bonded
Control Panel	By Switches
Light Fitting [O]	LED Tube

SAFETY

Pedal	Limit Switch
-------	--------------

CONSTRUCTION

Body Type	Mild Steel
Table Top Sheet	Mild Steel
Perforation	Turret Punch Press
Cloth Tray	Mild Steel
Iron Box Tray	Mild Steel
Aerial Spring	Chrome Plated Mild Steel
Side Cover	Mild Steel
Pedal Base Frame	Mild Steel
Nuts, Bolts & Connectors	Mild Steel
Top and bottom Connector	Nuts and Bolts
Cutting	CNC Cutting
Bending	CNC Bending
Welding	LaserMIG/TIG



AESTHETIC

Overall Finish	Power Coated
Logo	Standard Sticker

TECHNICAL SPECIFICATION

Model	SVIT 425	SVIT 53	SVIT 54	SVITD 54
Table Size in mm	1200 x 750	1500 x 900	1500 x 1200	1500 x 1200
Number of Motors	1	1	1	2
Suction Area in mm	1200 x 750	1200 x 750	1200 x 750	1500 x 1200
Over All Dimension in mm	1400 x 750 x 1150	1700 x 900 x 900	1700 x 1200 x 900	1750 x 1200 x 900

GENERAL

	0.5	0.5	0.5	0.5 x 2
Motor Power in kw	0.5	0.5	0.5	0.5 x 2
Table Top Heater kw [O]	2	2	2	2
Foundation	Not Required			
Weight in Kgs	76	83.5	86	90

[O] - Optional

Steam Boiler | Portable and Automatic



Mechanism of Action : A boiler or steam generator is a device used to create steam by applying heat energy to water. Although the definitions are somewhat flexible, it can be said that older steam generators were commonly termed boilers and worked at low to medium pressure but, at pressures above this, it is more usual to speak of a steam generator. A boiler or steam generator is used wherever a source of steam is required. The form and size depends on the application.

- Starfish offers a comprehensive selection of fully automatic and semi-automatic steam boilers designed to optimise power usage and space utilisation while prioritising safety and delivering precise steam output to the desired locations. With a diverse range of models available, these boilers can be tailored to meet specific application requirements.

- The portability of these steam generators ensures easy handling and convenient usage in various settings. These machines embody a compact design, guaranteeing reliability and user-friendliness. This line of steam boilers ensures complete safety, equipped with multiple safety mechanisms and an alarm system.

- The steam boilers are equipped with high-pressure diaphragm pumps. The heater elements, made of removable stainless steel, are safeguarded by thermostats and level controllers. Its also available with gas fired models. These boilers are available in a range of capacities and options. Not only are they cost-effective to own, but they are also simple to install, robustly built, and highly versatile.

- Experience seamless operation with minimal maintenance requirements, low power consumption, and a durable design.



Steam Boiler | Portable and Automatic

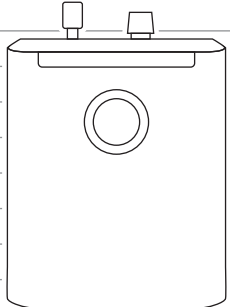
PERFORMANCE

Heater	Submersible	<table border="1"> <thead> <tr> <th>Description</th> <th>KCAL</th> </tr> </thead> <tbody> <tr> <td>1 Kg Steam</td> <td>= 540</td> </tr> <tr> <td>1 Kilo Watt Power</td> <td>= 860</td> </tr> <tr> <td>1 Kg LPG</td> <td>= 11500</td> </tr> <tr> <td>1 Liter Diesel</td> <td>= 10000</td> </tr> </tbody> </table>	Description	KCAL	1 Kg Steam	= 540	1 Kilo Watt Power	= 860	1 Kg LPG	= 11500	1 Liter Diesel	= 10000
Description	KCAL											
1 Kg Steam	= 540											
1 Kilo Watt Power	= 860											
1 Kg LPG	= 11500											
1 Liter Diesel	= 10000											
Pump Motor	24 V Diaphragm											
Volt	415 / 3Ø or 220 / 1Ø											
Pressure Gauge	To Show Steam Pressure											
Low Water Indicator	To Protect heater											
Buzzer	Available											
Insulation	Fiber glass wool with Aluminum Lagging											
Control Panel	PCB											

SAFETY

Pressure Switch	To Control Steam Pressure
Safety Cap	Work as Safety Valve

CONSTRUCTION

Body	Mild Steel	
Boiler Shell	Stainless Steel 304 Grade	
Nipples	Brass	
Bottom Wheels	Optional	
Perforation	8 mm	
Gauge Connector	Silicon Bush	
Boiler Shell & Connectors	Stainless Steel 304 Grade	
Nuts, Bolts & Connectors	Mild Steel	
Cutting	CNC	
Bending	CNC	
Welding	Laser TIG/MIG	

AESTHETIC

Overall Finish	Mild Steel with Powder Coated
Logo	Starfish Engraving with LED Lights

TECHNICAL SPECIFICATION

Model	SSNANO	SSMIRO	SSMAX ₂	SSMAX ₃	SSMAX ₄	SSMAX ₆	SSMAX ₉	SMAXG ₃	SSMAXG ₄	SSMAXG ₆
Heating Method	Electric							Gas		
Operating Type	Manual		Automatic							
Heater in kw	1.5	2	2	3	4	6	9			
Steam Out Kg/hour	3	3	3	5	7	10	15	5	7	10
Water Storage in Liter	6L	8L	Auto Filling							
Water Pump in kw	-	-	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Dimensions	380 x 350 x 470	380 x 375 x 520	380 x 375 x 625	380 x 375 x 625	445 x 400 x 720	445 x 400 x 720	445 x 400 x 720	430 x 425 x 700	495 x 450 x 795	495 x 450 x 795

GENERAL

Net Calorific Value %	90%									
Water Inlet in mm	25	25	10	10	10	10	10	10	10	10
Drain Outlet in mm	12	12	6	6	12	12	12	6	12	12
Foundation	Not Required									
Weight in kg	10	13	18	18	21	22	23	22	26	27

Diesel Fired Steam Boiler | Water Softening Plant

Oil fired boilers offer a reliable and efficient solution for steam generation in times of acute power shortages. These boilers have a 90% efficiency level and run on only 1.5 hp.

They are portable, space saving and consume the least amount of fuel. They have a compact design and a fully automatic operation with low running costs. They also have a unique water preheating system and a burner controller that ensures safety.

Model	SDB 30	SDB 50	SDB 100	SDB 150
Fuel	Diesel			
Operating Type	Automatic			
Efficient (NCV)%	90			
Steam Out Kg/hour	30	50	100	150
Water Pump in kw	0.75	0.75	1	1
Dimensions in mm	1350	1500	1800	2100
	x	x	x	x
	800	900	1000	1100
	x	x	x	x
	950	1000	1100	1200

Diesel Fired Steam Boiler



Water Softeners prevent scaling in boilers and soften water before it enters washing machines. They are cost effective solutions for water quality improvement.

They are made of polyethylene, which is a single piece molded material that has high impact strength and aesthetic appeal. They have a multiport valve that enables easy operation with automatic brine, suction and rinsing functions. They produce excellent water quality and come in various sizes to suit customer needs.

They also have an automatic option by connecting the multiport valve with an electric actuator that controls the volume batches.

The volume batches can also be used to fill the exact amount of water in the washing machine using a solenoid valve and can also operate a basin pump automatically.

Water Softening Plant





Steam Cum Electric Press

- Equipped with an external switch for steam production featuring silver contacts.
- Lightweight design suitable for heavy ironing tasks.
- User-friendly and easy to maintain.
- Heat proof material is used for the handle of this Iron Box.
- Adjustable temperature control and steam regulator for precise control over the flow rate.
- Capable of pressing various fabrics, including garments, due to its highly adjustable temperature tolerance.
- The Teflon shoe prevents damage to garments.

All Steam Press

- Convenient and electricity-free operation.
 - Steam holes spread across the iron base's edge, ensuring even steam distribution and facilitating ironing in challenging areas.
 - Extra wide soleplate for ironing larger items.
 - Adjustable screw on the steam valve for easy modification of steam quantity.
 - The swing lever releases a flow of dry steam with a light touch, and the long-life steam valve requires minimal maintenance.
- Ideal for various flat work items such as sweaters, knitwear, and dresses with delicate embellishments like beads and stones.

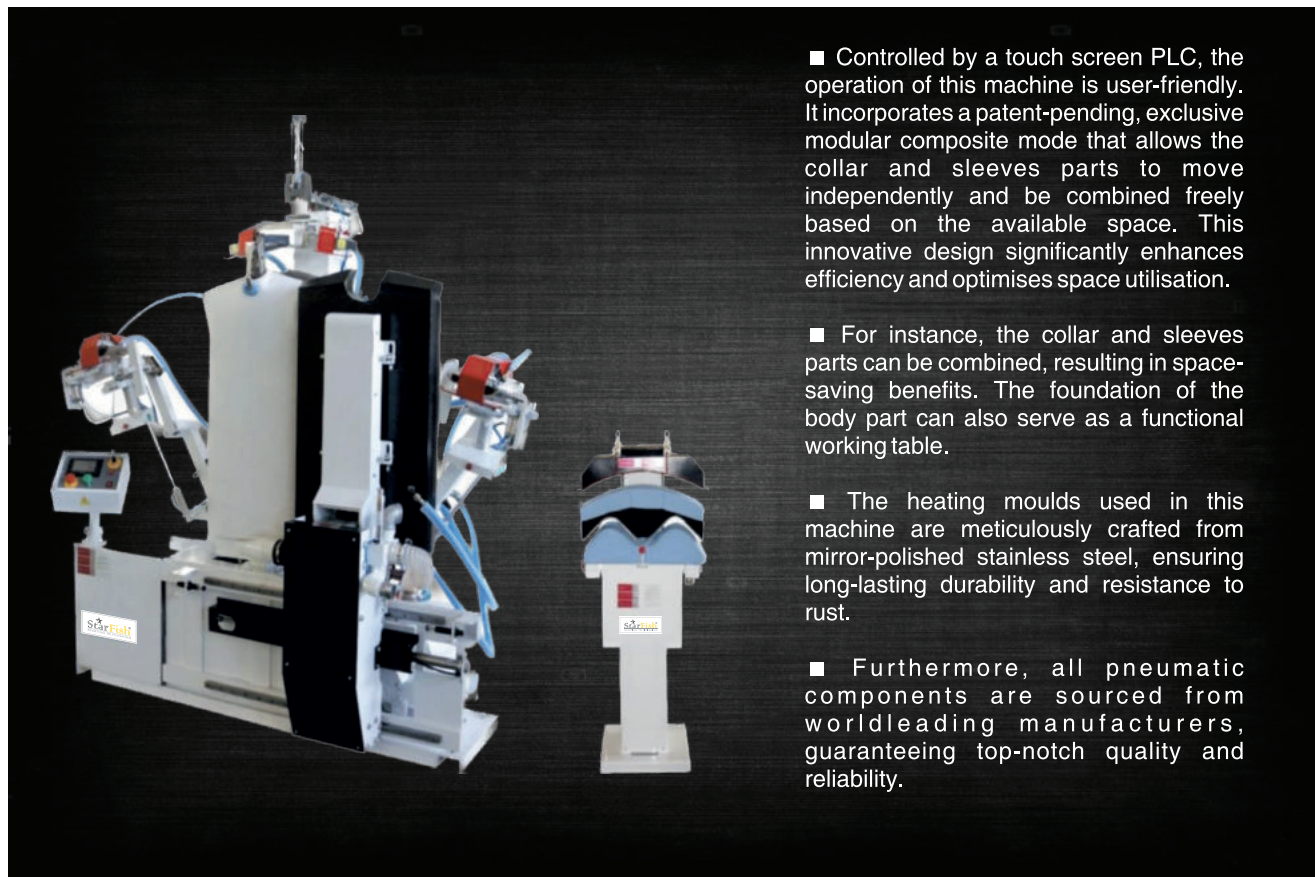


Weight press : Electrically Operated Iron Boxes are available in stainless steel or brass base options, and different weight variations (4kg, 5kg, 6kg, and 7kg) for heavy pressing requirements.

Gas Iron: An eco-friendly iron box powered by Liquefied Petroleum Gas (LPG). Suitable for situations with limited or intermittent power supply. Cost-effective operation. Ideal for commercial launderers and roadside clothes pressing. Adjustable speed control. LPG-fueled iron boxes are environmentally friendly and free from side effects compared to conventional coal-fired ones, which emit carbon dioxide and can lead to respiratory problems for launderers. The cost of pressing one garment using an LPG iron box is approximately 1/3 of a coal-fired box and 1/6 of an electric iron's cost.

Model	SSP 017	SSP 018	SASP 019	SEWP 004	SEWP 006	SGWP 006
Volt	220	220	Steam	220	220	Gas
Power In Watts	750	750	-	1000	1250	-
Weight	1.5	1.7	1.8	4	6	6
Base Plate	Stainless Steel					Brass

Automatic Shirt Press



- Controlled by a touch screen PLC, the operation of this machine is user-friendly. It incorporates a patent-pending, exclusive modular composite mode that allows the collar and sleeves parts to move independently and be combined freely based on the available space. This innovative design significantly enhances efficiency and optimises space utilisation.

- For instance, the collar and sleeves parts can be combined, resulting in space-saving benefits. The foundation of the body part can also serve as a functional working table.

- The heating moulds used in this machine are meticulously crafted from mirror-polished stainless steel, ensuring long-lasting durability and resistance to rust.

- Furthermore, all pneumatic components are sourced from world-leading manufacturers, guaranteeing top-notch quality and reliability.

PERFORMANCE

Motor Brand	
Volt	415/3Ø
Motor Speed Rpm	2880
Impeller	Aluminium
Control Panel	PCB

SAFETY

Pedal	On/Off
Emergency Switch	Yes

AESTHETIC

Overall Finish	Mild Steel with Powder Coating
Logo	Starfish Engraving with LED Lights

TECHNICAL SPECIFICATION

Model	SASP
Application	Shirt
Suction	Full Body
Over All Dimension in mm	2000 x 1300 x 2000

CONSTRUCTION

Body	Mild Steel
Body Pressing Top	Stainless Steel
Side Cover	Mild Steel
Pedal Frame	Mild Steel
Base Frame	Mild Steel
Nuts, Bolts & Connectors	Mild Steel
Control Box	Mild Steel with Lock
Cutting	CNC
Bending	CNC
Welding	Laser MIG/TIG

GENERAL

Motor Power in kw	0.55
Steam inlet in mm	15.0
Air inlet in mm	6
Steam Pressure mpa	0.4-0.5
Air Pressure mpa	0.4-0.5
Foundation	Not Required
Weight	750

Automatic Pant Press | Form Finisher

CONSTRUCTION

Body	Mild Steel
Cutting	CNC
Bending	CNC
Welding	Laser MIG/TIG

SAFETY

Pedal	On/Off
Emergency Switch	Yes

AESTHETIC

Overall Finish	MS with Powder Coating
Logo	Starfish with LED Lights

TECHNICAL SPECIFICATION

Model	SAPP
Application	Pant
Over All Dimension in mm	500 x 1200 x 2000

GENERAL

Volt	415/3Ø
Steam inlet in mm	15.0
Air inlet in mm	6
Steam Pressure mpa	0.4-0.5
Air Pressure mpa	0.4-0.5
Foundation	Not Required
Weight	300

Pant Press

■ The Pant Press machine has an advanced PLC system, ensuring effortless operation and offering 8 different working programs. It incorporates a frequency transformer that enables precise control of the blowing rate.

■ This innovative machine can automatically detect the length of pants and securely clip the pants leg for efficient and impeccable ironing results.

■ The Pant Press is designed with casual pants and jeans for optimal performance. However, when paired with our DYC series machine, it becomes the ideal solution for ironing suit pants, significantly enhancing the overall ironing quality.



Form Finisher



■ The garment press is meticulously engineered with adjustable features such as wind pressure, shoulder width, waist, hipline, lap, and fly height. These adjustments make it suitable for pressing small-sized garments, including women's clothing.

■ The wooden sleeves are tailor-made for this press, ensuring exceptional ironing quality that rivals professional equipment. Even with prolonged use, these sleeves maintain their shape without any distortion.

■ The steam circuit of the press is designed with the utmost expertise, guaranteeing the high quality and precision of steam spray for optimal ironing results.

PERFORMANCE

Volt	415/3Ø
Motor Speed Rpm	2880
Impeller	Aluminium
Control Panel	PCB

CONSTRUCTION

Body	Mild Steel
Cutting	CNC
Bending	CNC
Welding	Laser MIG/TIG

SAFETY

Pedal	On/Off
Emergency Switch	Yes

AESTHETIC

Overall Finish	MS Powder Coating
Logo	Starfish with LED Lights

TECHNICAL SPECIFICATION

Model	SFF
Application	Shirt
Over All Dimension in mm	1300 x 500 x 1700

GENERAL

Motor Power in kw	0.55
Steam inlet in mm	15.0
Air inlet in mm	6
Steam Pressure mpa	0.4-0.5
Weight	200



THANK YOU ALL

Post your Google Review 



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Note: Due to continues improvement the company reserves the right to change the specification and model without prior notice



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