



N A G A R J U N
INTERNATIONAL TRADING COMPANY

We Grow Together...

18
YEARS

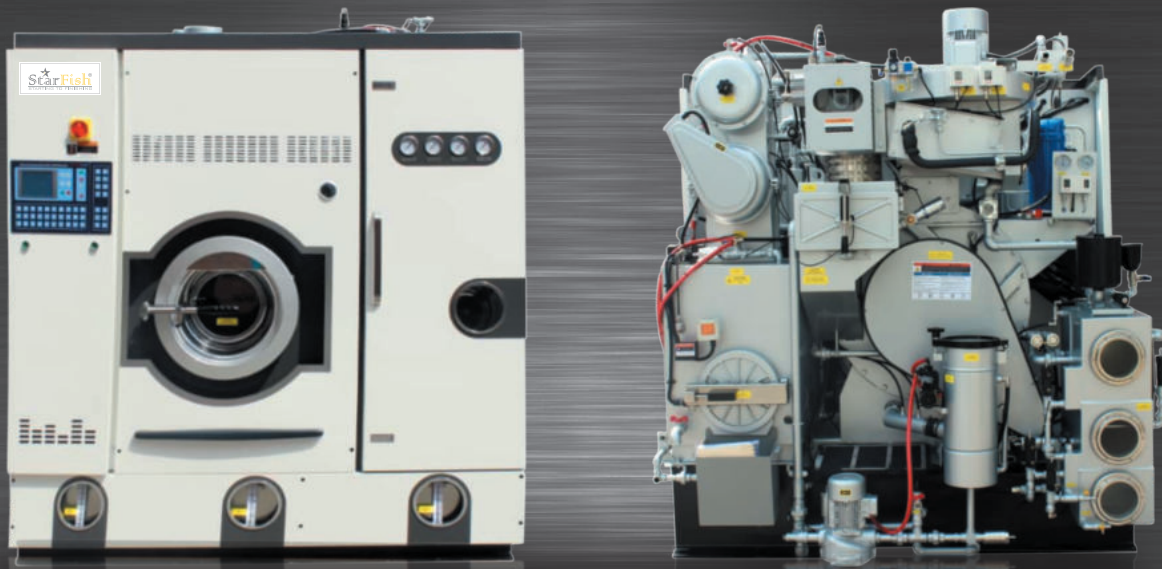


AN ISO 9001 : 2015 CERTIFIED COMPANY

2023

INDUSTRIAL WASHING, FINISHING EQUIPMENTS & POWER LAUNDRY MACHINERIES

Fully Automatic Hydrocarbon | Dry Cleaning



Starfish has the new generation of environmental friendly Multi solvent dry cleaning machines that uses the world's leading technology. You can use any Class III A/B solvent (Hydro Carbon), Silicon based solvent or the new Solvent K4. You just need to switch the program on the Smart Touch computer controller, and you can change the solvent you want to use. The machine uses the world famous brand of all key components. It has different capacity options: 10kgs, 12kgs, 18kgs, and 25kgs.

Features:

The machine has a complete stainless steel structure. All the parts that touch the solvent, such as the internal and external basket, basket housing, air channel, filter, button trap, water separators, still, and SOLVENT TANKS are made of SS 304. You can also choose stainless steel for the solvent pipeline material. The machine has a high standard production line by mould that makes the parts stronger and easier to replace. The machine has a world leading Smart Touch intelligent computer controller that can switch between auto mode and manual mode. You can also edit the programs easily. The Intel Memo intelligent computer can save and remember all the technical parameters of each cycle, such as the drying temperature, solvent temperature, and basket rotate speed.

These parameters can be automatically applied when you change a program. The machine uses imported electrical components from world famous brands with CE approval. They ensure a long and stable operation. The machine has a high performance drying system with a unique drying chamber, the latest air channel, and the best position of the drying fan motor. This improves the recycling speed of solvent, shortens the drying time and increases the cleaning capacity to achieve high profit. The machine also uses American made quick fittings for each condenser to prevent Freon leaking and make maintenance easier. The machine has a double layers lint filter that collects lint more cleanly.

It also has a real ecological filtration system with one ECO spin disk filter and one full carbon decolorizing filter. You can choose either filter according to your need through the Smart Touch computer controller. The machine has three large solvent tanks with self-cleaning function. It also has a new breakthrough with the 2-stage vacuum distillation technology. This technology improves the solvent quality by separating the low boiling contamination from the solvent. The solvent with trace moisture from the first stage is used for pre wash in the next cycle to improve stain removal. The clean and pure solvent is recycled to the solvent tanks which keeps them clean and odourless.

The dirt in solvent during distillation can be automatically drained through computer control (Optional). Hydro sensor probe is adopted to automatically carry out the drainage of water during the distillation. The machine also has a multi-protection system with various devices and systems that ensure safety and reliability in the whole process. Such as distillation overheat automatic protection device, foam automatic control device, four pressure control system, safety lock, nitrogen safe injection system ensures safety and reliability in whole working process.

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Safety Features: We care about your safety and peace of mind. That's why we have a Safety-Lock door locking system that locks the loading door, button trap, lint collector and still tank with pneumatic devices. The Smart-Touch computer controller works with the door locking system to make sure that each door is secure and closed during the cycle.

Performance Features: We use high quality components from Germany, Italy, and America to ensure smooth and reliable performance. We have a German SIEMENS motor, an Italian BERMAR frequency-controlled fan motor, a BERMAR solvent pump, and a free-maintenance dry-type BERMAR vacuum pump. These components allow you to operate the machine for 3 shifts (24 hours) and dry clean different kinds of clothes.

Environmental Features: We care about the environment and your laundry. That's why we have a refrigeration and recovery system that is made with American high quality components. This system recovers the solvent and prevents it from escaping into the air. We also have Japan made bearings and Germany made shaft seals that use a world advanced free maintenance process technology. You don't need to fill in oil for regular maintenance.

Convenience Features: We make your dry cleaning easier and more efficient. We have an automatic dosing device for liquid soap and detergent agent. You don't need to measure or pour them manually. We also have a European standard solvent leak-proof tank that prevents solvent from leaking and contaminating your laundry and underground water. This tank also recycles the solvent for reuse. We also have 32 imported solenoid valves, 8 pressure controllers, 7 temperature sensors, and other safety control systems that ensure safe and reliable operation.

Quality Features: We care about the quality of your dry cleaning. That's why we have an international standard volume - load ratio, a large volume internal basket and still tank. These features achieve the best cleanness and solvent recycle effect. Your clothes will come out clean, fresh, and wrinkle-free.

Model	Unit	SMAHC 10	SMAHC 12	SMAHC 18	SMAHC 25
BASKET					
Load capacity	kg	10	12	18	25
Volume	Ltr	186	218	340	500
Diameter	mm	686	774	903	1100
Depth	mm	465	504	524	554
Loading door diameter	mm	524	617	617	617
Wash speed	rpm	42	40	38	36
Extraction high speed	rpm	360-460	360-460	360-460	320-400
TANK					
Tank 1 volume	L	125	155	155	200
Tank 2 volume	L	125	155	155	200
Tank 3 volume	L	160	197	216	268
DISTILLATION TANK					
Useful volume	L	180	240	266	345
Still speed	L/h	60	80	100	130
ECOLOGICAL FILTER					
Volume	L	30	66	66	66
Filtration area	m ²	2	2	2	2
Filter specifications	pcs	25	28	28	28
POWER					
Solvent pump	kw	0.75	0.75	1.1	1.1
Driving motor	kw	1.5	1.5	2.2	5.5
Fan motor	kw	1.5	1.5	2.2	2.2
Filter motor	kw	0.37	0.55	0.55	0.55
vacuum pump	kw	0.25	0.25	0.37	0.37
Refrigerator	kw	2.1	2.6	3.8	4.5
Drying heating elements	kw	6.6	8.4	8.4	11
Still heating elements	kw	8.4	11	11	11
Power supply	Volt	380V/3Ø			
Noise	Db	<75	<75	<75	<75
PIPELINE					
Compressed air pressure	mpa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Compressed air inlet	mm	8	8	8	8
Water pressure	mpa	0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3
Water inlet&outlet	inch	DN20	DN20	DN25	DN25
Steam pressure	mpa	0.45-0.5	0.45-0.5	0.45-0.5	0.45-0.5
Steam inlet & outlet	mm	DN15	DN15	DN15	DN15



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