



DANIŞ

TECHNOLOGY FOR FASHION

DANIŞ MACHINE



Danış Machine, is the leading washing systems manufacturing company that was founded in 1979 in Istanbul, Turkey. As the first washing systems manufacturer at Turkey, we are providing Project Management Services and different washing, drying and hydro machinery from 10kg to 400kg capacity according to different needs of our partners. All of Danış Machine production is being done in Hadımköy, İstanbul in a 9.000m² closed area factory.

Danış Machine has been exporting services all around the world starting from the early 1990's. Our world wide operation started from the first generation of company management and is getting wider day by day with the modern management plans of second generation of company management.

All around the world, to give the best service before and after sales to our customers, we're working with local professionals. Our objective is to give the best support in every aspect.

Our main mission is to represent the Turkish brand all around the world with the best and long lasting quality of washing systems. That's why from the material to workmanship quality, we're always trying to be the absolute best in our field. Making the R&D our priority and giving new solutions to our partners is the course we set to ourselves.



SUSTAINABILITY

Sustainability as a word shows how natural systems function, remain diverse and produce everything it needs for the ecology to remain in balance. For us, in the machinery side, it is a way of light of how to make denim production with the best possible way for our environment.



Starting from the raw material procurement to every step of our production, we made sustainability as the foundation of our company. With the help of ISO and CE standarts, Daniş Machine is putting her 40 years of experience to make the most enviromental friendly machinery and denim manufacturing.

Denim manufacturing side of the textile industry has always been an aspect of discussion in terms of sustainability. The amount of pollution of old fashioned denim manufacturing is a well known problem for the whole world. Daniş Machine, with the help of a 40 year experience, has a solution with her new generation set of washer, dryer and hydro systems which are approved by third party inspectors like Bureau Veritas.

The new generation of Daniş Systems save;



LESS ENERGY



LESS WATER



LESS CONSUMPTION

As conclusion, sustainable manufacturing is the most important aspect for Daniş Machine production vision, not because it is a necessity but an obligation to the world we live in. We have made production analysis as the most important part of our R&D and we're finding new ways to make our production line more and more "green" every day.

DMI SERIES

DANIŞ MACHINE USED THE HIGHEST QUALITY MATERIAL FOR THE LONG LIFE OF THE MACHINE AND THE STANDARDIZATION OF YOUR GARMENTS.



DMI series is the sustainable washing series of Danış Machine. DMI series has achieved to be the most cost saving washing series with its patented 6 eco-beaters and sprinkler technology. The series have the liquor ratio of 1:2 to 1:3 according to your washing recipe.

The washing system is using our own sprinkler technology which is making the natural showering on your garments without using extra energy. You'll be able to give extra effects on your garments with sprinkler technology without extra energy cost.



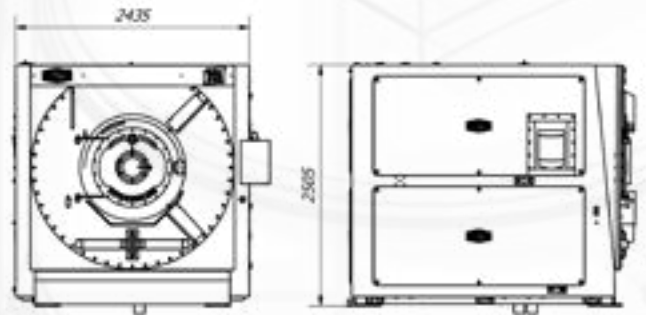
DMI SERIES / DMI DYEING SERIES

MODEL	Inner Drum Dimensions	Inner Drum Volume	Inner Drum Thickness	Inner Drum Beater (pcs)	Motor Power	Machine Rotation Speed	Hydro Extraction Speed
110	1250x850 MM	1040 LT	4	3	7.5 KW	10-40 RPM	100 D.D
220	1500x1180 MM	2080 LT	4	4	11 KW	10-40 RPM	100 D.D
440	1880x1500 MM	4160 LT	5	6	15 KW	10-40 RPM	100 D.D
540	1960x1650 MM	4975 LT	5	6	22 KW	10-40 RPM	100 D.D

DMI series has a range from 3000 to 5000 Liter volume and can be loaded with 100 to 400kg of garments. Other than it's own cost saving tech, the series have been made especially to integrate with Daniş Stone Wash technology, Ozone System and Nano Bubble System. The washing system can also be upgraded with Jet Dyeing option.



In the DMI series, Daniş Machine used the highest quality material for the long life of the machine and the standardization of your garments. The whole water-touching surfaces of the systems use 316 SS, inverters and all electronic/mechanic parts are imported from Europe.



Discharge Pipe Diameter	Front Loading Door Diameter	HMI System	Stone Wash Capacity	Rinse Wash Capacity	Machine Diameters (HxWxD)	Weight
150 MM	770 MM	LG (PLC) 7 "	55 KG	110 KG	1800x2000x1945 MM	1800 KG
200 MM	770 MM	LG (PLC) 7 "	110 KG	220 KG	2130x2455x2235 MM	3800 KG
200 MM	1040 MM	LG (PLC) 10.2 "	200 KG	400 KG	2435x2740x2505 MM	4800 KG
200 MM	1040 MM	LG (PLC) 10.2 "	250 KG	500 KG	2470x2970x2520 MM	5800 KG



CHEMICAL DOSING SYSTEM



CHEMICAL DOSING SYSTEM W/DYEING



WASHING OPTIONS



Chemical Dosing Tanks



Jet Direct System



6 mm stainless steel thumblers



Remote Database Access



DESERT SERIES

THE NEW GENERATION DRYER COMES WITH STAINLESS STEEL HEAT EXCHANGERS, AUTOMATIC AIR CIRCULATION SYSTEM AND IN-BUILT ECONOMIZER.



Desert series is the new generation dryer series of Danış Machine. Desert series has been the most eco-friendly & cost saving dryer system with it's efficient technologies. The new generation dryer comes with stainless steel heat exchangers, automatic air circulation system and in-built economizer. The usage of these new technologies are reducing the waste heat up to %90.

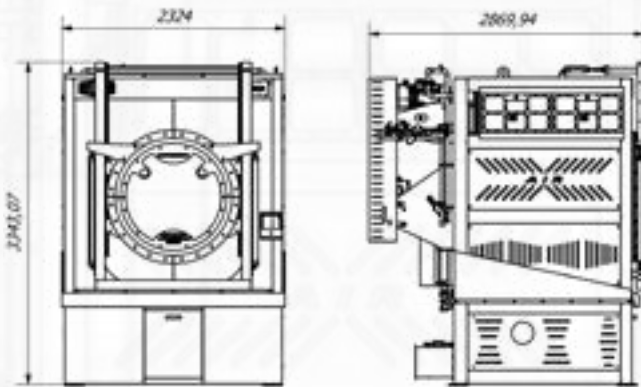
DESERT SERIES DRYERS

MODEL	Inner Drum Dimensions	Inner Drum Volume	Inner Drum Thickness	Motor Power	Machine Rotation Speed	Gas Consumption	Steam Consumption	Front Loading Door Diameter
300	1800x1200 MM	3050 LT	2 MM	4 KW	10-30 RPM	9,6 m ³	140 KG/H With Full Load	1120 MM
400	1950x1440 MM	4300 LT	2 MM	5.5 KW	10-30 RPM	13.70 m ³	200 KG/H With Full Load	1280 MM
500	1950x1700 MM	5075 LT	2 MM	5.5 KW	10-30 RPM	15.70 m ³	230 KG/H With Full Load	1280 MM
600	1950x1700 MM	5969 LT	2 MM	7.5 KW	10-30 RPM	19.20 m ³	280 KG/H With Full Load	1280 MM

Desert series has a range from 3000 to 5000 Liter volume and can be loaded with 100 to 400kg of garments. The dryer series is using a specialized software which was designed to minimize the drying time. The system arranges itself according to the steam pressure you are giving, the temperature rising time and your garment material for the most efficient drying. You'll be able to get your reports from our software to see the efficiency of your production.



In Desert series, Danış Machine used the highest quality material for the long life of the machine and the standardization of your garments. The heat exchangers have been made from aluminium winged stainless steel. The two heat exchangers have been put on top of the dryer for the most efficient usage and for easy cleaning & servicing. The filter of the dryer is easy to remove and clean which is integrated with our software.



Heating System Options	HMI System	Heat Exchanger Capacity	Fan Capacity	Steam Pressure	Machine Tilting Degree	Sound	Capacity	Machine Diameters (HxWxD)	Weight
Steam-Gas	LG - 7 "	500.000 KCAL	4 KW * 2 5500 * 2	6-8 BAR	28°C	80 DB	175 KG	2174x2645x3200 MM	3200 KG
Steam-Gas	LG - 7 "	750.000 KCAL	5.5 KW * 2 7500 * 2	6-8 BAR	28°C	80 DB	250 KG	2324x2885x3358 MM	3700 KG
Steam-Gas	LG - 7 "	900.000 KCAL	5.5 KW * 2 7500 * 2	6-8 BAR	28°C	80 DB	300 KG	2324x3145x3358 MM	4200 KG
Steam-Gas	LG - 7 "	1.100.000 KCAL	7.5 KW * 2 9000*2	6-8 BAR	28°C	80 DB	350 KG	2324x3445x3358 MM	4700 KG

HYDRO EXTRACTOR SERIES

DESPITE HAVING A HIGH EFFICIENCY, THE MAIN POINT OF DESIGN OF HYDRO SYSTEM IS ALWAYS SAFETY.



HYDRO EXTRACTOR SERIES

MODEL	Inner Drum Dimensions	Inner Drum Volume	Hydro Extraction Speed	Hydro Extraction G Force	Front Loading Door Diameter	HMI System	Wet Garment Capacity
H 2220	600x275 MM	77 LT	0-800 D.D	215 G	350 MM	LG (PLC)	30 KG
H 2222	900x405 MM	260 LT	0-800 D.D	320 G	600 MM	LG (PLC)	90 KG
H 2223	1200x600 MM	680 LT	0-800 D.D	430 G	1200 MM	LG (PLC)	200 KG

Hydo series is the sustainable hydro extractor series of Daniş Machine. The high powered series is offering a fast and effective solution to washing. With 400 G-force power, the hydro series are preparing a low moisture level garment to drying process.

Hydro series has a range from 3000 to 5000 Liter volume and can be loaded with 100 to 400 kg of garments. Despite having a high efficiency, the main point of design of hydro system is always safety. The system is loaded with world wide standart safety mesaures.

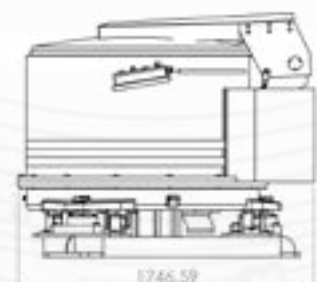


In Hydro series, Daniş Machine used the highest quality material for the long life of the machine and the standardization of your garments. The whole water-touching surfaces of the systems use 316 SS, inverters and all electronic/mechanic parts are imported from Europe.

**Machine
Diameters
(HxWxD)**

Weight

750x1140x900 MM	400 KG
1050x1350x1040 MM	1400 KG
1630x1750x1450 MM	3800 KG

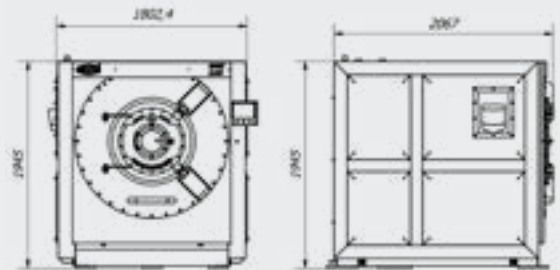


SAMPLING SERIES

Danış sampling series have been designed to achieve best results in minimum energy consumption. The washing series in sample washing (such as normal washing, stone washing, enzyme washing, bleaching and rinsing as well as in pigment dyeing) is giving the perfect reference for bulk production in various textile garments with different fabric types (cotton, linen, viscose, tensel treatment, etc.).

The Dryer series in sample dryer is designed for drying with minimum consumption of steam, energy and time. During the process of drying, the colors of the garments in this steam dryer, are never mixed to each other.

The H series in sample hydro extractor is designed for extraction of garments at high performance with minimum consumption of energy and time.



SAMPLING SERIES (WASHING)

	Inner Drum Dimensions	Inner Drum Volume	Inner Drum Thickness	Inner Drum Beater (pcs)	Machine Rotation Speed	Hydro Extraction Speed	Front Loading Door Diameter	HMI System	Stone Wash Capacity	Rinse Wash Capacity	Machine Diameters (HxWxD)	Weight
10	600x450 MM	130 LT	2	3	10-40 RPM	200 D.D	335 MM	LG (PLC) 7 "	5 KG	10 KG	800x1000x1250 MM	250 KG
20	740x490 MM	210 LT	3	3	10-40 RPM	200 D.D	435 MM	LG (PLC) 7 "	10 KG	20 KG	990x1320x1408 MM	500 KG
25	820x490 MM	260 LT	3	3	10-40 RPM	200 D.D	435 MM	LG (PLC) 7 "	12.5 KG	25 KG	1090x1320x1408 MM	550 KG
40	890x700 MM	435 LT	3	3	10-40 RPM	200 D.D	535 MM	LG (PLC) 7 "	20 KG	40 KG	1140x1640x1560 MM	600 KG
50	950x740 MM	520 LT	3	3	10-40 RPM	150 DD	535 MM	LG (PLC) 7 "	25 KG	50 KG	1190x1720x1590 MM	675 KG
60	1000x740 MM	580 LT	4	3	10-40 RPM	150 D.D	615 MM	LG (PLC) 7 "	30 KG	60 KG	1240x1720x1590 MM	750 KG
80	1200x730 MM	825 LT	4	3	10-40 RPM	125 D.D	715 MM	LG (PLC) 7 "	40 KG	80 KG	1440x1720x1790 MM	900 KG
100	1200x900 MM	1020 LT	4	3	10-40 RPM	125 D.D	715 MM	LG (PLC) 7 "	50 KG	100 KG	1440x1920x1790 MM	1100 KG

SAMPLING SERIES (DRYERS)

	Inner Drum Dimensions	Inner Drum Volume	Inner Drum Thickness	Motor Power	Machine Rotation Speed	Gas Consumption	Steam Consumption	Front Loading Door Diameter	Heating System Options	HMI System	Heat Exchanger Capacity	Fan Capacity	Steam Preassure	Capacity	Machine Diameters (HxWxD)	Weight
60	950x840 MM	600 LT	2 MM	1.1 KW	10-30 RPM	2 m ³ h	30 kg/h	600 MM	Steam Gas Electric	LG (PLC)	100.000 KCAL	1.5 KW * 1	6 - 8 BAR	30 KG	1300x1250x1950 MM	750 KG
100	1150x1000 MM	1040 LT	2 MM	1.5 KW	10-30 RPM	3 m ³ h	45 kg/h	700 MM	Steam Gas Electric	LG (PLC)	170.000 KCAL	3 KW * 1	6 - 8 BAR	60 KG	1650x1650x2000 MM	950 KG
150	1300x1225 MM	1625 LT	2 MM	2.2 KW	10-30 RPM	4.8 m ³ h	70 kg/h	800 MM	Steam Gas Electric	LG (PLC)	260.000 KCAL	4 KW * 1	6 - 8 BAR	90 KG	1750x1750x2350 MM	1380 KG
200	1450x1250 MM	2063 LT	2 MM	3 KW	10-30 RPM	6.2 m ³ h	90 kg/h	900 MM	Steam Gas Electric	LG (PLC)	340.000 KCAL	5.5 KW * 1	6 - 8 BAR	120 KG	1800x1900x2500 MM	1500 KG

DRY PROCESS



CN 8281

Vertical Brushing Robot is designed to get various fashionable effects on denim. Machine operates automatically due to pneumatic system and electrical brushing robot. Machine is able to turn 180 degrees in both directions.



CN 8282

Horizontal Brushing Robot is designed to get various fashionable effects on denim. Machine operates automatically due to pneumatic system. Mannequin is able to turn 360 degrees.



CN 8285

Crinkle machine is portable and easily operated with manual and automatic system. It makes permanent crinkle effects and creases on the desired areas.



CN 8283

Spray Cabin is designed for various types of garments with many kinds of dyes and chemical substances. Machine is fully automatic and it works with its pneumatic air control system.


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