

*From*

*'68 to present*

**ERGIN**

WASHING MACHINES



# ERGIN

From '68 to present



İZMİR  
KÜÇÜK SANAYİ PILOT EĞİTİMİ KURSLARI BITİRME  
BELGESİ

Belge No: 89

Adı ve Soyadı	Abdullah Ergin	Doğum Yeri	Körfez
Baba Adı	Ali	Doğum Yılı	1952

Yukarıda simliği yazılı **Abdullah Ergin**  
Millî Eğitim Bakanlığı, Sanayi Bakanlığı, Türkiye Halk Bankası A.Ş. ve Türkiye Esnaf ve Sanatkarları Kooperasyonu'nun birliğinde 1 yıl 10 aylık Küçük Sanayi Pilot Eğitimi kursuna katılarak 72 saat süreli **Tornacılık** Kursu'nu başarı ile bitirdiğinden bu belge kendisine verilmiştir.

30.7.1968

İZMİR VALİLİĞİ  
Namik Kemal Sentürk

YÜRÜTÜCÜ KOMİTE BAŞKANI  
SİYASİ ENSTİTÜSÜ MÜDÜRÜ  
M. Kemal Boşdağı





**Ergin: Engineered for excellence, built for your satisfaction.**

Since 1968, Ergin Machinery has been on a steady climb, growing its business adventure with unwavering commitment to innovation and quality. In 2017, we expanded our operations to a dedicated 8,000 m2 facility in the Pancar Organized Industrial Zone, with half covered for production.

Today, our machines span over 80 countries, with hundreds of machines operating internationally and thousands more serving the domestic market. From Australia to France, from the US to Libya, Ergin Machinery empowers carpet cleaners with dependable machines built to last.

Heritage meets Innovation: We blend over 50 years of industry knowledge with a burning passion for progress. This dynamic duo ensures our machines deliver unmatched quality, never settling for anything less than the best.

But what truly sets us apart is our dedication to the finer details. We understand that every nuance matters, which is why we focus on the latest technology, top-tier ergonomics, and peak performance in every machine we build.

Our machines go beyond cleaning carpets – they save water, chemicals, time, electricity, and manpower. Ultimately, our dedication to customer satisfaction forms the bedrock of our past, present, and future achievements.





## ER SERIES CARPET WASHING MACHINES



ER Series Carpet Washing Machines are made of 304-grade stainless steel (INOX), making them resistant to various chemicals and water used in carpet cleaning. Our machines are fully automatic and have a PLC system. The machine can wash different sorts of carpets (in terms of thickness, width, length, type) with different washing programs, just like in washing machines used at home. The systems on the machine work by selecting the programs according to the features of the carpets as soon as they are detected by sensors on the machine. Thanks to the integration of PLC and fully automatic systems, the machine saves up on chemicals, energy, time, water, and manpower.

Our machines wash carpets in six stages: pre-cleaning, main cleaning, pre-rinsing, back-cleaning, back-rinsing, and wrapping. Firstly, a shampoo and water mixture is automatically applied to the surface of the carpet; the mixture flow rate can be adjusted accordingly. Right after this stage, the carpet is thoroughly brushed by disc brushes, which rub the dirt off and remove it from the surface. Thanks to the nozzles, the pump, and the squeegee system, the carpets are rinsed deeply, powerfully, and efficiently. Our rinsing system ensures that the carpets remain vivid for a long time, meaning that the carpet is ready for the drying stage in a way that is completely rinsed and free from chemicals and dirt.

We also manufacture specially designed machines with system adjustments.



## ER SERIES CARPET WASHING MACHINES



Model Name	ER 2200	ER 2700	ER 3200	ER 4200	ER 5200
Max. Carpet Width	2 meters	2.5 meters	3 meters	4 meters	5 meters
Disc Brushes	3 or 3+3=6	3+3=6 or 4+4=8	3+3=6 or 4+4=8	4+4=8 or 6+6=12	4+4=8 or 6+6=12
Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Belt Speed	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Operating System	PLC	PLC	PLC	PLC	PLC
Rinsing System	Pump + Squeegee	Pump + Squeegee	Pump + Squeegee	Pump + Squeegee	Pump + Squeegee
Soaking	✓	✓	✓	✓	✓
Shampooing	✓	✓	✓	✓	✓
Bottom Rinsing	✓	✓	✓	✓	✓
Automatic Rolling	✓	✓	✓	✓	✓
Front Tub	✓	✓	✓	✓	✓
Carpet Trolley	✓	✓	✓	✓	✓
Reverse Memory	✓	✓	✓	✓	✓
Voltage Protection	✓	✓	✓	✓	✓
Driver System	✓	✓	✓	✓	✓
Brush Direction Change	✓	✓	✓	✓	✓
Motor Protection	✓	✓	✓	✓	✓
Automatic Trolley Drop	Optional	Optional	Optional	Optional	Optional
Cylindrical Brush	Optional	Optional	Optional	Optional	Optional
Rear Cleaning Brush	Optional	Optional	Optional	Optional	Optional
Sensor for Rinsing	Optional	Optional	Optional	Optional	Optional



## HSM SERIES CARPET WRINGING MACHINES



HSM Series Carpet Wringing Machines, leveraging the knowledge and experience of ERGIN Machinery, the HSM Series offers quiet, user-friendly machines with high spinning capacity. Thanks to advanced systems, these centrifuges achieve 95%-98% moisture removal from carpets at high speeds.

All HSM Series centrifuges use 304-grade stainless steel (INOX) for both the inner and outer cylinders, ensuring resistance to various chemicals and water used in carpet washing. Each machine features a pneumatic door system for safe, fast, and easy use. The automatic door system prevents operation until closed and safely stops the machine during power outages, protecting mechanical parts. Our centrifuges incorporate air springs, similar to those in trucks and trailers, significantly reducing vibration and machine movement. The zero-tolerance production technique further minimizes vibration and ensures balanced operation.

We also manufacture specially designed machines with system adjustments.



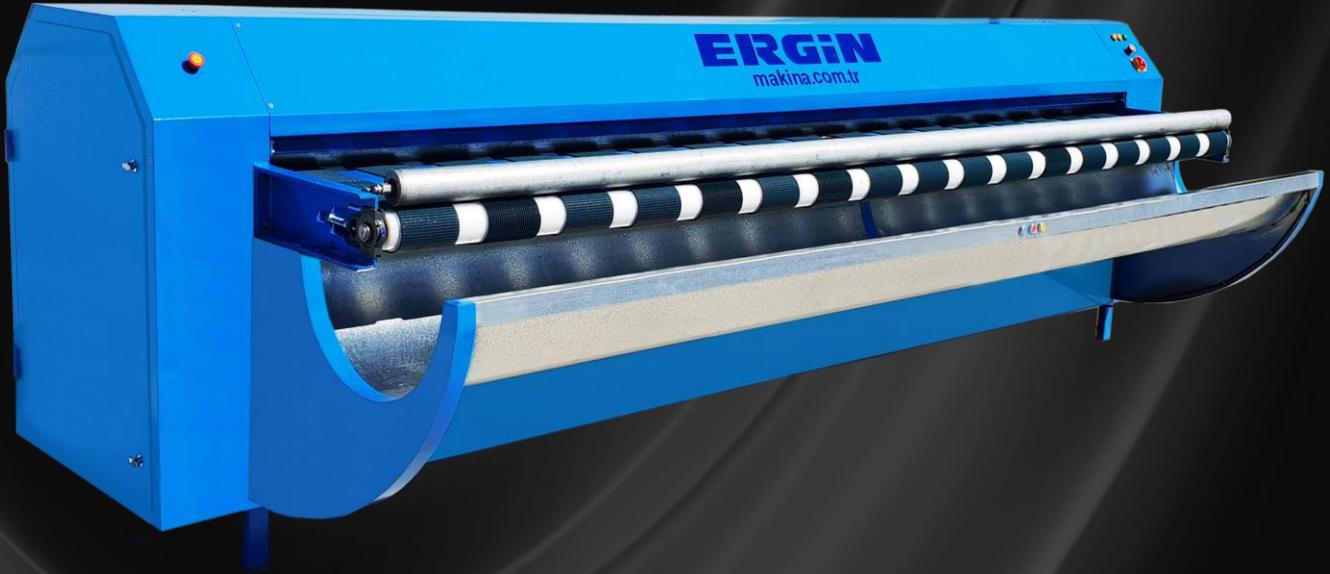
## HSM SERIES CARPET WRINGING MACHINES



Model Name	HSM 2200	HSM 2700	HSM 3200	HSM 4200	HSM 5200
Max. Carpet Width	2 meters	2.5 meters	3 meters	4 meters	5 meters
Inner Cylinder Diameter	35 cm	35 cm	35 or 45 cm	45 cm	45 cm
Inner Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Outer Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Operating System	Time Relay	Time Relay	Time Relay	Time Relay	Time Relay
Moisture Removal	95 – 98 %	95 – 98 %	95 – 98 %	95 – 98 %	95 – 98 %
Air Springs	✓	✓	✓	✓	✓
Automatic Door Sensor	✓	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓	✓
Vibration Rubbers	✓	✓	✓	✓	✓
Motor Protection	✓	✓	✓	✓	✓
Shock Absorbers	Optional	Optional	Optional	✓	✓
Braking System	Optional	Optional	Optional	Optional	Optional
Automatic Reverse	Optional	Optional	Optional	Optional	Optional
Water Port	Optional	Optional	Optional	Optional	Optional
Frequency Driver	Optional	Optional	Optional	Optional	Optional
Soft Starter	Optional	Optional	Optional	Optional	Optional



## HTM SERIES CARPET DUSTING MACHINES



HTM Series Carpet Dusting Machines are the first machines used in carpet cleaning to remove even the deepest dirt and debris after carpets are collected. Our innovative design tackles everything from fine dust to large particles, leaving carpets noticeably softer and far easier to clean and wash.

Simplicity is key with HTM Series dusters. Simply feed carpets into the front, and the automatic beating system takes care of the rest. During the process, the carpet is automatically reversed and dusted again, ensuring thorough cleaning. Finally, it's returned to you neatly rolled at the front. And to eliminate the need for extra help, a powerful vacuum system operates simultaneously.

Whether you are a large company or a solo operator, the HTM Series duster is an essential tool for professional carpet cleaning businesses. Its space-saving design allows positioning against a wall, eliminating the need for someone to handle the carpet at the back or move uncomfortably.

We also manufacture specially designed machines with system adjustments.



## HTM SERIES CARPET DUSTING MACHINES



Model Name	HTM 2200	HTM 2700	HTM 3200	HTM 4200	HTM 5200
Max. Carpet Width	2 meters	2.5 meters	3 meters	4 meters	5 meters
Dusting Cylinders	3+3=6	3+3=6	3+3=6	3+3=6	3+3=6
Operating System	Time Relay	Time Relay	Time Relay	Time Relay	Time Relay
Automatic Reverse Operation	✓	✓	✓	✓	✓
Forward – Backward Operation	✓	✓	✓	✓	✓
Vacuum System	✓	✓	✓	✓	✓
Dust Collecting System	✓	✓	✓	✓	✓
Carpet Detection Sensor	✓	✓	✓	✓	✓
Motor Protection	✓	✓	✓	✓	✓
Belt Speed Adjustment	Optional	Optional	Optional	Optional	Optional
Front Tub	Optional	Optional	Optional	Optional	Optional
Wheels	Optional	Optional	Optional	Optional	Optional
Automatic Transfer to Tub	Optional	Optional	Optional	Optional	Optional

# ERGIN

## HPM SERIES CARPET FINISHING MACHINES



Also known as carpet packing machines, these versatile tools represent the final step in the professional carpet cleaning process. They complete all necessary tasks before the carpets are wrapped for storage or delivery.

Featuring a specially designed pneumatic system, the brushing unit ensures smooth and reliable operation for years to come. This system partners with vacuum systems to remove unwanted materials like hair, fluff, and dust. The extracted materials are automatically sent to a dedicated vacuum and filter system for efficient disposal. After passing through the brushing and vacuuming stages, carpets emerge with smooth, well-groomed surfaces, appearing noticeably brighter and more vibrant. Additionally, stain removal, quality control, and perfuming can all be seamlessly integrated into the finishing process. With the automatic finishing process complete, carpets are ready for the final step: packaging.

We also manufacture specially designed machines with system adjustments.



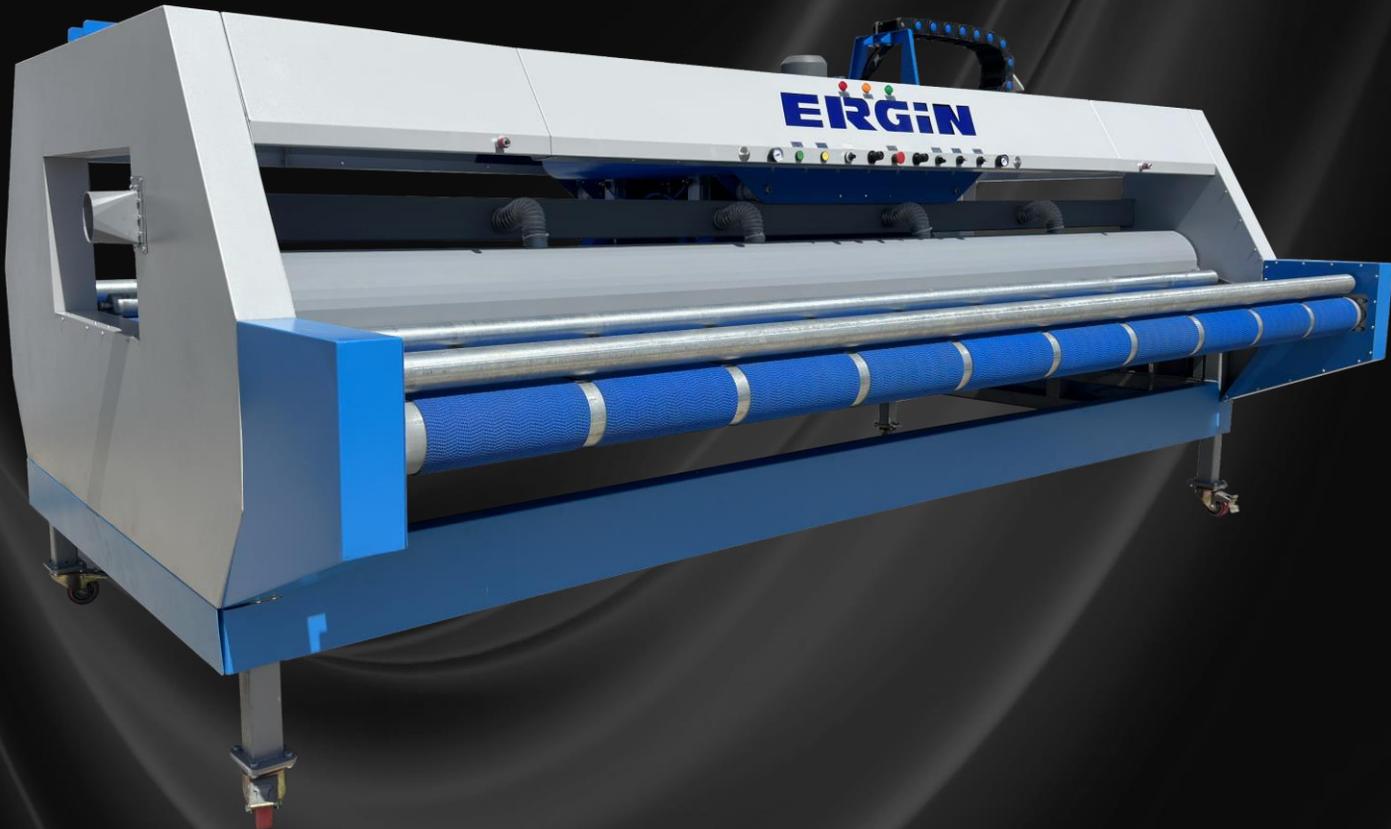
## HPM SERIES CARPET FINISHING MACHINES



Model Name	HPM 2200	HPM 2700	HPM 3200	HPM 4200	HPM 5200
Max. Carpet Width	2 meters	2.5 meters	3 meters	4 meters	5 meters
Brush Type	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Operating System	Time Relay	Time Relay	Time Relay	Time Relay	Time Relay
Automatic Reverse Operation	✓	✓	✓	✓	✓
Forward – Backward Operation	✓	✓	✓	✓	✓
Vacuum System	✓	✓	✓	✓	✓
Dust Collecting System	✓	✓	✓	✓	✓
Carpet Detection Sensor	✓	✓	✓	✓	✓
Motor Protection	✓	✓	✓	✓	✓
Belt Speed Adjustment	Optional	Optional	Optional	Optional	Optional
Front Tub	Optional	Optional	Optional	Optional	Optional
Wheels	Optional	Optional	Optional	Optional	Optional
Automatic Transfer to Tub	Optional	Optional	Optional	Optional	Optional



## **HPM SERIES FULLY AUTOMATIC CARPET FINISHING MACHINES**



The new fully automated carpet finishing machine offers distinct advantages over its competitors. Specifically designed for high-volume carpet washing plants processing over 100 carpets daily, it features four short cylindrical brushes. An optional feature, a parallel long cylindrical brush can be added. This innovative design combines our standard carpet finishing machine with a new linear system, similar to our fully automatic carpet washing machines. The machine provides separate pressure control for the four-brush linear system. Equipped with the PLC system, it saves from manpower and energy.

With its four different modes, the fully automatic carpet finishing machine lets you choose between returning carpets to their starting position or unloading them from the rear. Beyond its core function, our finishing machine doubles as a quality check table for post-wash inspection, maximizing its utility.

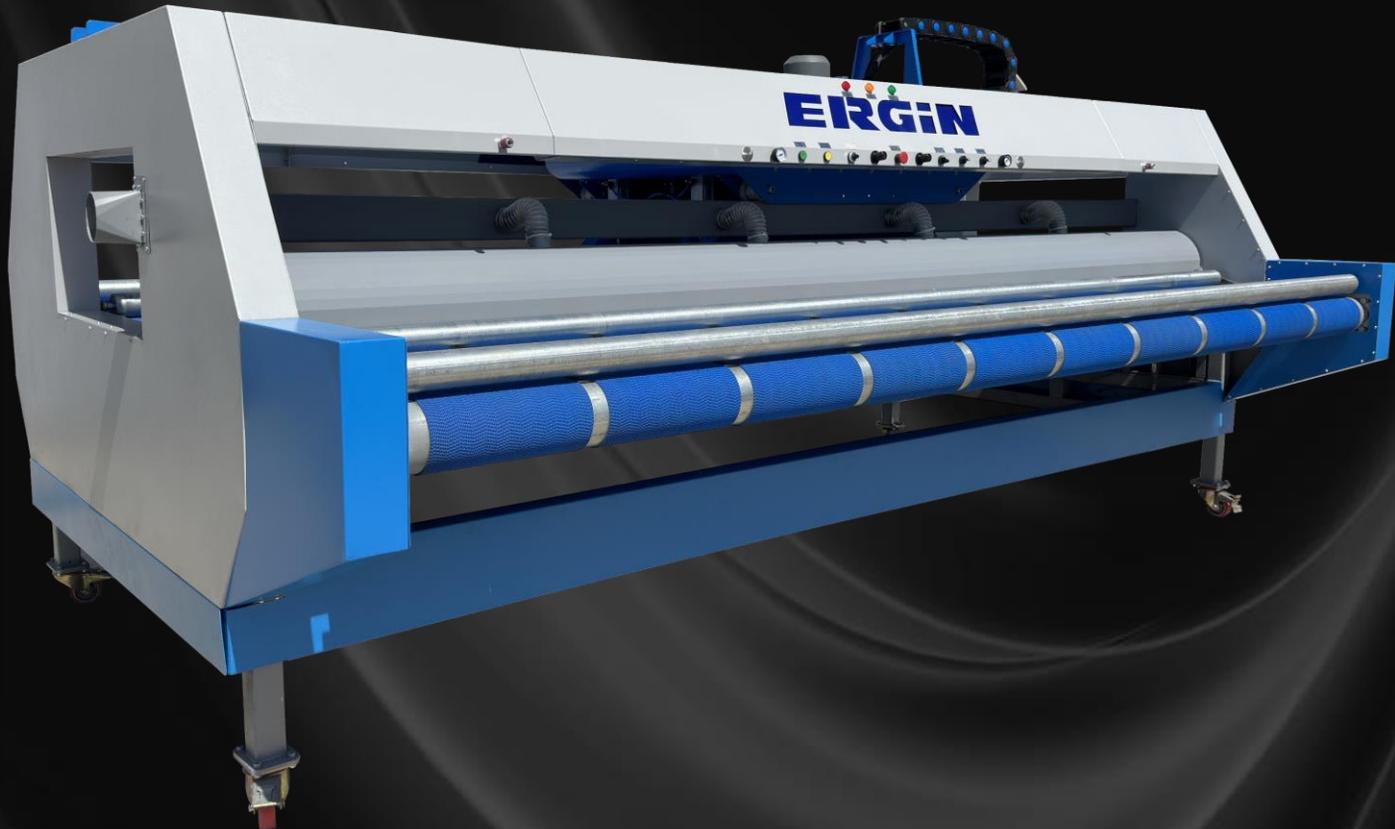
We also manufacture specially designed machines with system adjustments.





# HPM SERIES

## FULLY AUTOMATIC CARPET FINISHING MACHINES



Model Name	HPM 2200	HPM 2700	HPM 3200	HPM 4200	HPM 5200
Max. Carpet Width	2 meters	2.5 meters	3 meters	4 meters	5 meters
Brush Type	2 cylindrical	2 cylindrical	4 cylindrical	4 cylindrical	4 cylindrical
Brush Length	50 cm	50 cm	70 cm	70 cm	70 cm
Operating System	PLC	PLC	PLC	PLC	PLC
Pressure System	✓	✓	✓	✓	✓
Built-in Vacuum	✓	✓	✓	✓	✓
Automatic Reverse Operation	✓	✓	✓	✓	✓
Forward – Backward Operation	✓	✓	✓	✓	✓
Vacuum System	✓	✓	✓	✓	✓
Dust Collecting System	✓	✓	✓	✓	✓
Carpet Detection Sensor	✓	✓	✓	✓	✓
Motor Protection	✓	✓	✓	✓	✓
Forward – Backward Operation	Optional	Optional	Optional	Optional	Optional
Parallel Cylindrical Brush	Optional	Optional	Optional	Optional	Optional
Vacuum for Cylindrical Brush	Optional	Optional	Optional	Optional	Optional
Front Tub	Optional	Optional	Optional	Optional	Optional
Wheels	Optional	Optional	Optional	Optional	Optional
Extended Front for QC	Optional	Optional	Optional	Optional	Optional



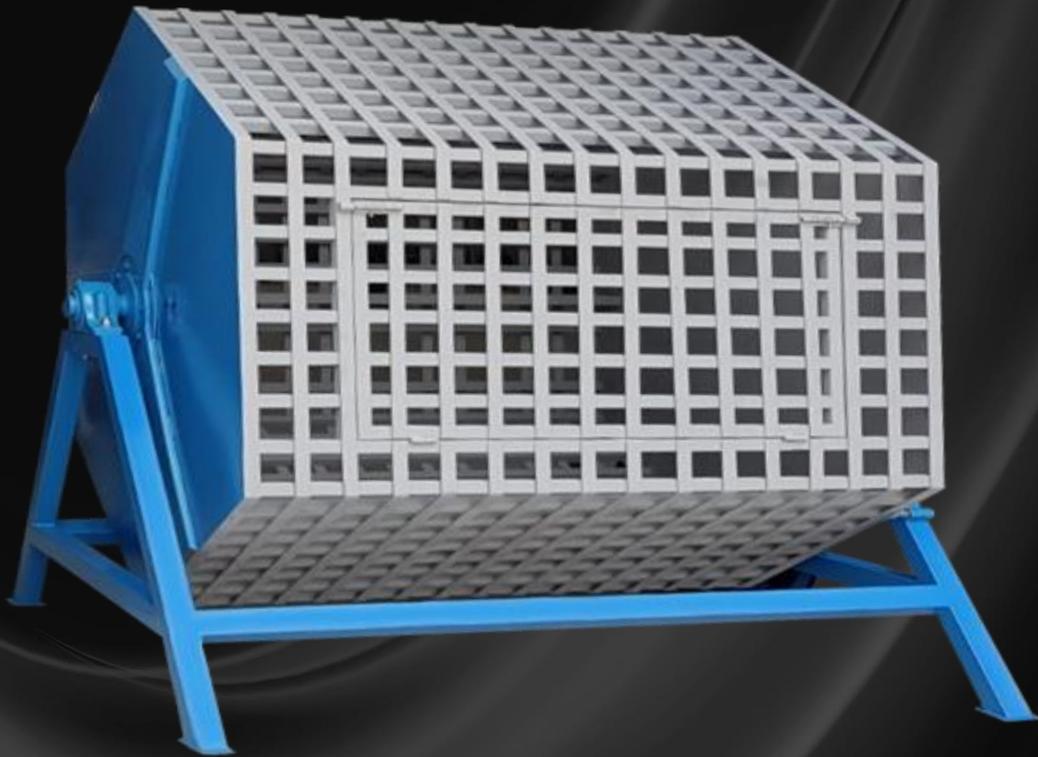
## PNEUMATIC CARPET LOADERS



Pneumatic carpet loaders are essential tools for carpet cleaning shops that primarily wash carpets on the floor, rather than using fully automated machines. These loaders are necessary in those type of shops to move wet carpets, such as to carpet wringing machines. The weight of wet carpets can be a significant challenge, but the pneumatic carpet loader offers a solution. Requiring only a compressor for operation, this loader can lift up to 250 kg. The loader is equipped with heavy-duty wheels for easy maneuverability within the carpet cleaning shop. It also features counterweights to prevent rollovers. The cylindrical rollers on the tub facilitate easy loading and unloading of carpets as needed.

The loader's body is constructed of steel, while the tub and rollers are made from 304-grade stainless steel. The body can be painted in various colors, including blue, gray, and red. Alternatively, the body can be built from other materials, such as aluminum or 304-grade stainless steel.

## TUMBLE DUSTERS



The tumble duster is a powerful machine for deep cleaning dirt and residue from carpets. It thoroughly dusts them from top to bottom, reaching deep into the pile with its 27 RPM rotation. This innovative machine even tackles problems like calcification and hardening caused by poor-quality chemicals and hard water. After a tumble dust treatment, your carpets will feel incredibly soft and silky. Beyond removing dust and dirt, the tumble duster resolves surface issues like fading caused by chemicals, leaving your carpets looking practically new! This revitalization creates a positive impact on customers, as their carpets will be polished and the fibers noticeably raised (about 2-3 mm).

The tumble duster accommodates various carpet sizes and types, allowing you to toss them in together for convenient cleaning. A 10-15 minute cycle is recommended, and the machine promises to make the entire washing process 50% easier. It also promotes substantial savings on water, chemicals, and labor. Furthermore, considering the global diversity in carpet sizes, we offer custom-produced tumble dusters with tailored widths and diameters to perfectly suit your needs.

This machine is produced only on demand.



## YM SERIES TEXTILE WASHING MACHINES



YM Series Textile Washing Machines are used in various settings, including hotels, dormitories, laundry facilities, and even the carpet washing industry. It's specifically designed to tackle large textile items like quilts, blankets, and other textile pieces. For unmatched durability, the inner and outer cylinder and front panel are all crafted from high-quality 304-grade stainless steel.

Beyond its robust construction, the YM Series excels in both washing and rinsing tasks. This streamlined functionality ensures smooth operation for years to come, minimizing the need for repairs or part replacements.

This machine is produced only on demand.

Model Name	YM 40	YM 60	YM 80	YM 100
Capacity	40 kg	60 kg	80 kg	100 kg
Forward – Backward Operation	✓	✓	✓	✓
Inner Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Outer Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Front Side Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Automatic Water Discharge	✓	✓	✓	✓
Timer	✓	✓	✓	✓
Chemical Tank	✓	✓	✓	✓

## TSM SERIES TEXTILE DRYING MACHINES



TSM Series Textile Drying Machines are tailor-made for swiftly drying large textiles like quilts, blankets, sheets, and even carpets. This versatile range efficiently removes excess water and chemicals after the washing process. Powered by a centrifugal system, the TSM Series ensures thorough drying while minimizing vibration and maintaining perfect balance. This is thanks to our zero-tolerance production technique, which guarantees exceptional precision and smooth operation.

This machine is produced only on demand.

Model Name	TSM 1000	TSM 1200	TSM 1300
Cylinder Diameter	100 cm	120 cm	130 cm
Inner Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Outer Cylinder Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Power	7,5 KW	11 KW	11 KW
Pneumatic Door	✓	✓	✓
Braking System	Manual	Manual	Manual

## AYM SERIES FISHING NET WASHING MACHINES



Pioneering in the Aegean, Black, and Mediterranean Seas, AYM Series Net Washing Machines have since become a global success, exported to numerous countries worldwide. These innovative machines offer simultaneous performance: taking clean water from the main shaft while discharging dirty water through the dedicated outlet. For enhanced versatility, AYM Series machines operate in both clockwise and counter-clockwise directions. Inside the cylinder, strategically placed breakwaters separate algae and unwanted materials from the nets, effectively discharging them with the wastewater. As with our carpet washing machines, AYM Series net washing machines are constructed from high-quality 304 stainless steel, ensuring durability and resistance.

This machine is produced only on demand.

Model Name	AYM 600	AYM 1000	AYM 1200	AYM 1500	AYM 1800	AYM 2000
Capacity	6 m <sup>3</sup>	10 m <sup>3</sup>	12 m <sup>3</sup>	15 m <sup>3</sup>	18 m <sup>3</sup>	20 m <sup>3</sup>
Cylinder Material	304 Stainless Steel (316 Stainless Steel Optional)					
Chassis Material	Painted	Painted	Painted	Painted	Painted	Painted
Operation	Belt with gear	Belt with gear	Chain with gear	Chain with gear	Chain with gear	Chain with gear
Fresh Water Inlet	✓	✓	✓	✓	✓	✓
Dirty Water Outlet	✓	✓	✓	✓	✓	✓
Breakwater	✓	✓	✓	✓	✓	✓
Slow Start	✓	✓	✓	✓	✓	✓
L/R Function	✓	✓	✓	✓	✓	✓

## BPM SERIES FISH DESCALING MACHINES



BPM Series Fish Descaling Machines are essential tools in industrial fish farms, streamlining the pre-filleting process by efficiently removing scales. Constructed entirely of durable 304-grade stainless steel (INOX), our machines offer varying capacities ranging from 250 to 400 kilograms, catering to different processing needs. Featuring a centralized water inlet and outlet system, this machine simplifies the removal of scales which are easily discarded from the collection chamber. Adjust the processing speed with ease to match the specific type of fish you're handling, ensuring optimal results. Furthermore, thanks to the adjustable time setting, you can achieve the perfect level of descaling in the most efficient timeframe. Additionally, the integrated phase protection relay safeguards against malfunctions caused by electrical fluctuations, promoting the machine's reliability and longevity.

This machine is produced only on demand.

Model Name	BPM 250	BPM 500	BPM 1000
Material	Stainless Steel (304)	Stainless Steel (304)	Stainless Steel (304)
Operating System	Time Relay	Time Relay	Time Relay
Scale Collecting Tub	✓	✓	✓
Phase Protector	✓	✓	✓
Emergency Stop	✓	✓	✓
Fresh Water Inlet	✓	✓	✓
Dirty Water Outlet	✓	✓	✓



# **ERGIN**

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