Garmak Industrial Carpet Cleaning Ecosystem 2026

Engineering Cleanliness
Beyond Expectations

garmak

Your End-to-End Partner for Industrial Carpet Cleaning Efficiency

- **Integrated Production Line:** A complete facility solution - from dust removal to packaging - powered by perfectly synchronized machines designed to operate as a unified system.

- **Strategic Objective:** KIncrease capacity, maintain cost control, and achieve consistent quality standards independent of operator performance.

- **Engineering Excellence:** Modular and scalable machinery platforms engineered specifically for the operational needs of the carpet cleaning industry.

- **Investment Value:** Productivity-driven solutions designed to deliver rapid return on investment (ROI).

Gar-Mak offers more than individual machines. We deliver a fully integrated production line and operational efficiency system designed to future-proof your business.
For guidance on building the most suitable integrated facility with the right equipment configuration, contact our customer advisors for complimentary consultation.

Barriers to Industry Growth: Familiar Challenges Across the Sector

Capacity Bottlenecks

Workflow slowdowns caused by manual processes and incompatible machinery.

Quality Variability

Cleaning standards that fluctuate depending on operator skill level and fatigue.

High Operating Costs

Uncontrolled consumption of water, chemicals, labor, and energy.

Delivery Pressure

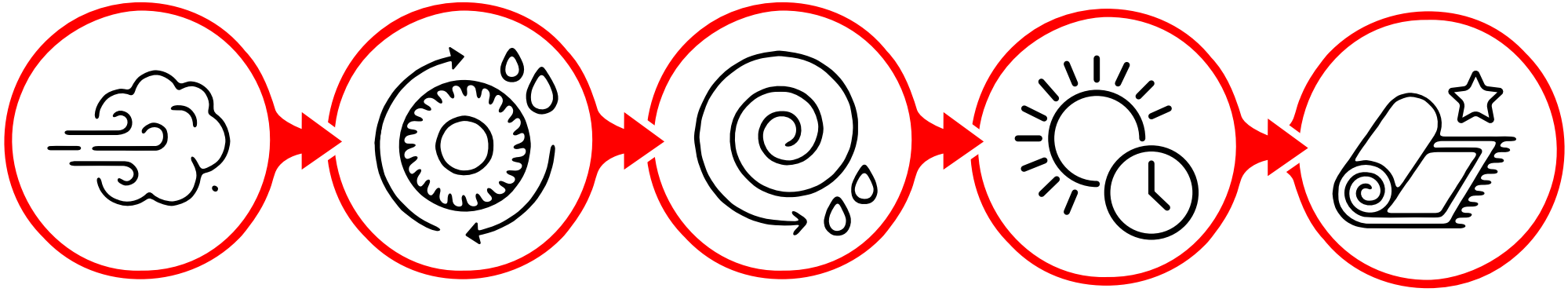
Operational disruptions during peak seasons resulting in missed opportunities and declining customer satisfaction.

Hidden Costs

Rewashing rates, extended drying times, and inefficient workforce utilization.

The biggest barrier to growth is a fragmented and inefficient operational system.

Solution Architecture: The Integrated Line Concept



1. Pre-Treatment (Dust Removal)

The foundation of effective washing and the key to water and chemical efficiency.

2. Washing (Automated)

Programmable operations designed for both standard and deep-cleaning processes.

3. Extraction (Centrifuge)

Radically reduces drying time and significantly lowers energy consumption.

4. Drying (Controlled)

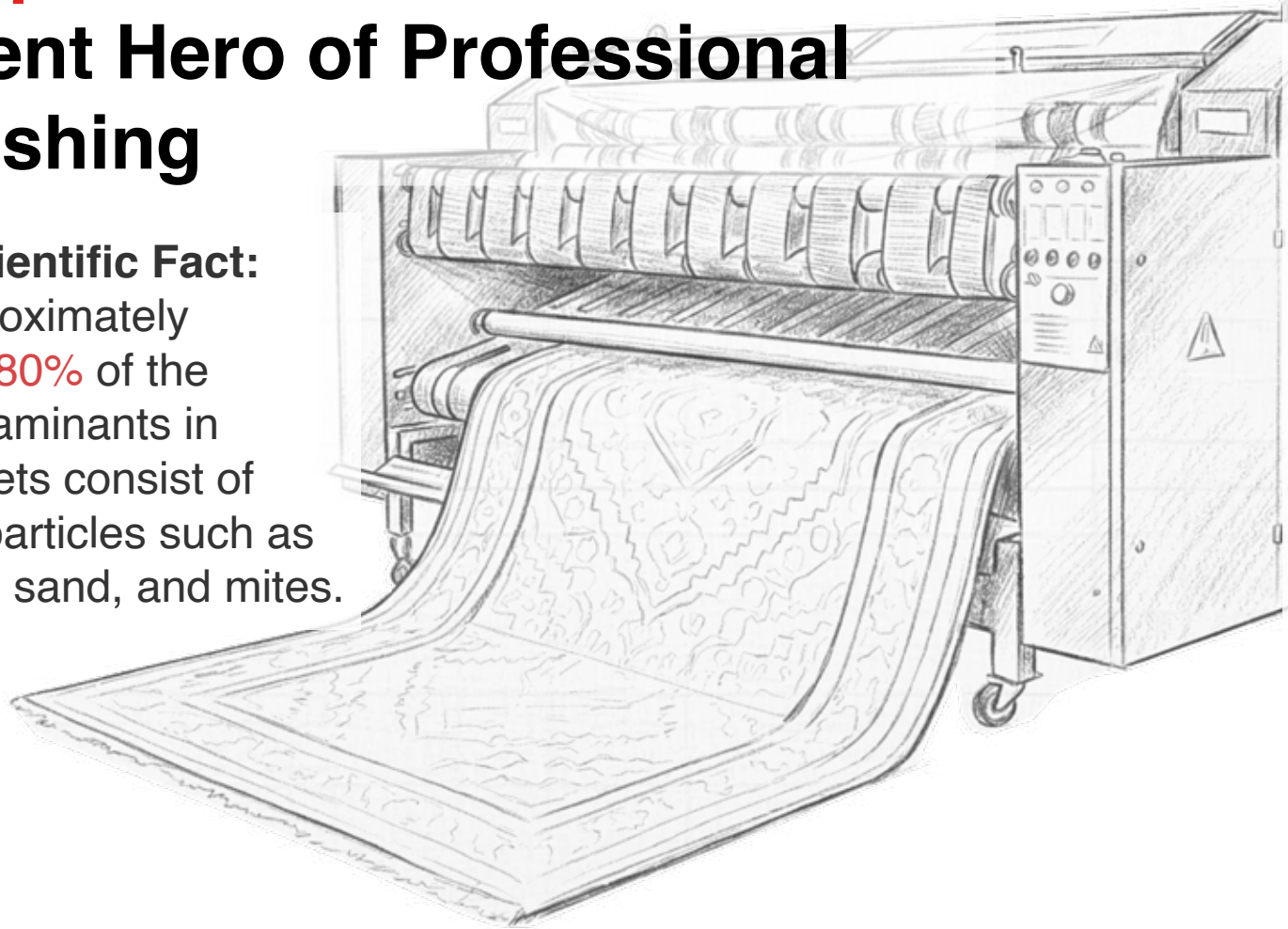
Independent from weather conditions, enabling reliable 24 hour delivery cycles.

5. Final Inspection (Packaging)

Enhances customer satisfaction while strengthening brand perception.

Each stage functions as a critical link in a performance chain, directly influencing the efficiency and quality of the next process.

Step 1: Dust Removal - The Silent Hero of Professional Washing



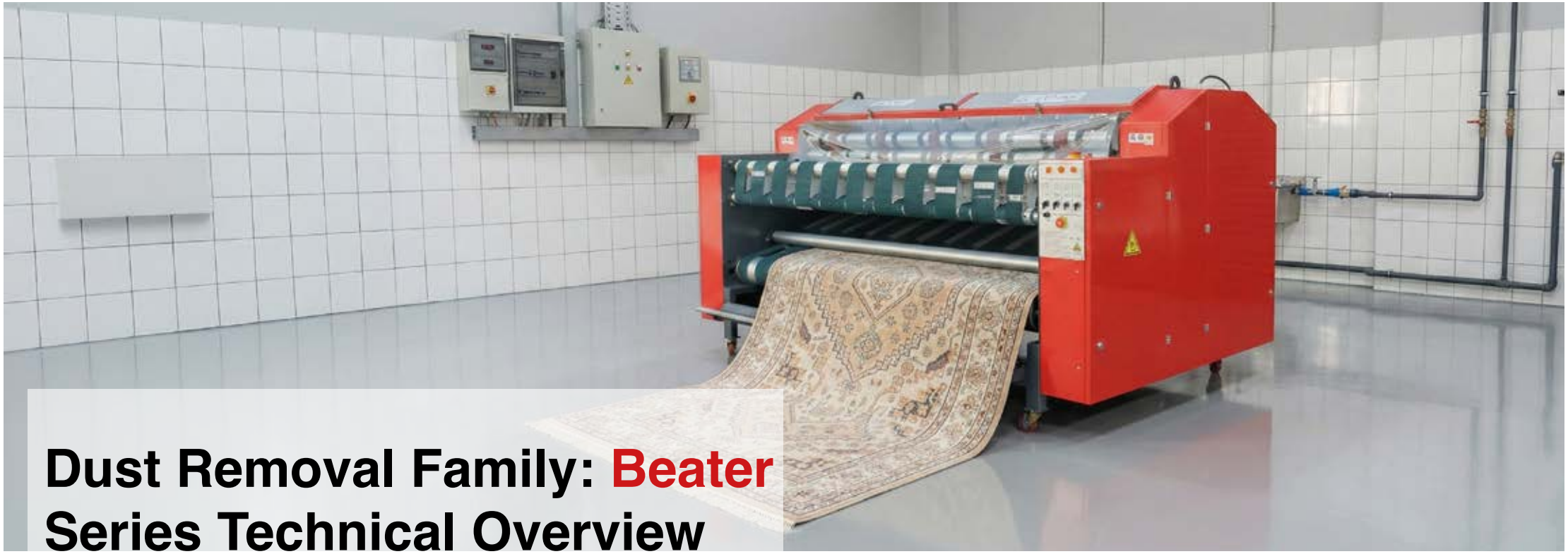
■ **Scientific Fact:**
Approximately 70 - 80% of the contaminants in carpets consist of dry particles such as dust, sand, and mites.

■ **Direct Cost Savings:**
Separating dust before washing can reduce water consumption by up to 20% and detergent usage by up to 50%.

■ **Quality Enhancement:**
Allows cleaning chemicals to penetrate fibers more effectively and release embedded dirt from deep within the carpet structure.

■ **Fast Return on Investment:**
Thanks to the operational savings it provides, a dust removal machine typically pays for itself within 6 - 12 months.

Professional carpet cleaning begins before the carpet gets wet. And the greatest profitability advantage lies within this first step.



Dust Removal Family: Beater Series Technical Overview

Maximum Performance: A powerful 3×3 beater configuration (total of 9 beaters) delivering up to 1,800 impacts per minute, removing dust and debris without damaging carpet fibers.

Operational Efficiency: User-friendly “feed-from-front, collect-from-front” ergonomic workflow, enabling operation by a single operator, supported by a standard automatic carpet rolling system.

Modular Working Width: Available in 250 cm, 320 cm, and 420 cm conveyor widths, suitable for facilities of all production capacities.

Integrated Hygiene System: High-capacity vacuum system delivering 3,000–4,000 m³/hour airflow, capturing extracted dust directly into the collection chamber.

Space-Saving Design: Compact structure that can be positioned flush against a wall, minimizing floor space requirements within the workshop.

The Beater Series combines power, efficiency, and user-centered design in a single robust platform.

BEATER CARPET DUST REMOVAL MACHINE
Technical Specifications

Feature	D4025S	D4032S	D5042S
Series	Beater	Beater	Beater
Working Width (cm)	250	320	420
Dust Removal Speed (m/min)	3 m/min	3 m/min	3 m/min
Vacuum Flow Rate (m^3/h)	3000 m^3/h	3000 m^3/h	3000 m^3/h
Number of Beaters	3x3	3x3	3x3
Beater Speed (hits/min)	1800 hits/min	1800 hits/min	1800 hits/min
Power Consumption (kW)	3kW	3kW	4kW
Total Power (kW)	7 kW	7 kW	8 kW
External Dimensions (cm) W×D×H	310x225x165	380x225x165	480x225x165
Weight (kg)	1200 kg	1640 kg	1950 kg

Option	D4025S	D4032S	D5042S
Operated by One Person	✔	✔	✔
Roller Front Sweeper	✔	✔	✔
Automatic Winding	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity.
60Hz compatible models can be manufactured upon customer request.

Dust Removal Family: Shaker Series Technical Overview

Maximum Performance: A 3×3 beater system (9 total beaters) generating up to 1,800 impacts per minute, effectively removing embedded dust without harming carpet fibers.

Operational Simplicity: Designed with front-feed, front-collection ergonomics and equipped with a standard automatic carpet rolling system.

Modular Working Width: Available in 250 cm, 320 cm, and 420 cm belt widths, adaptable to different facility sizes and operational capacities.

Integrated Dust Control: A powerful vacuum system with 3,000 m³/hour airflow capacity collects dust directly into the integrated dust chamber.

Linear Workflow Advantage: Provides an efficient linear processing flow, allowing carpets to move toward the rear section of the machine - an effective solution for facilities with narrow layouts. Compared to the Beater model, continuous operation typically requires two operators.

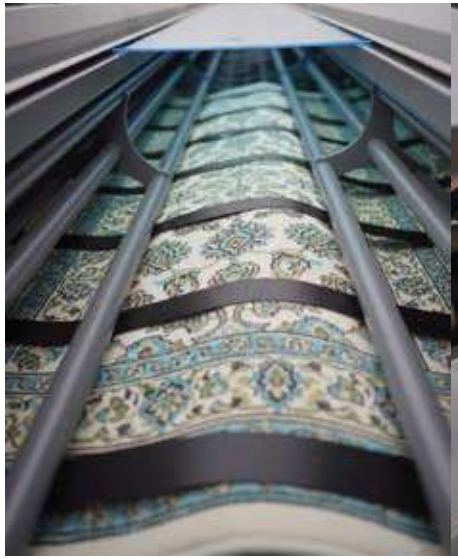
The Shaker Series delivers a powerful and cost-efficient solution for facilities that prefer a linear workflow. Professional cleaning does not start with water; it starts with dust removal.

SHAKER CARPET DUST REMOVAL MACHINE
Technical Specifications

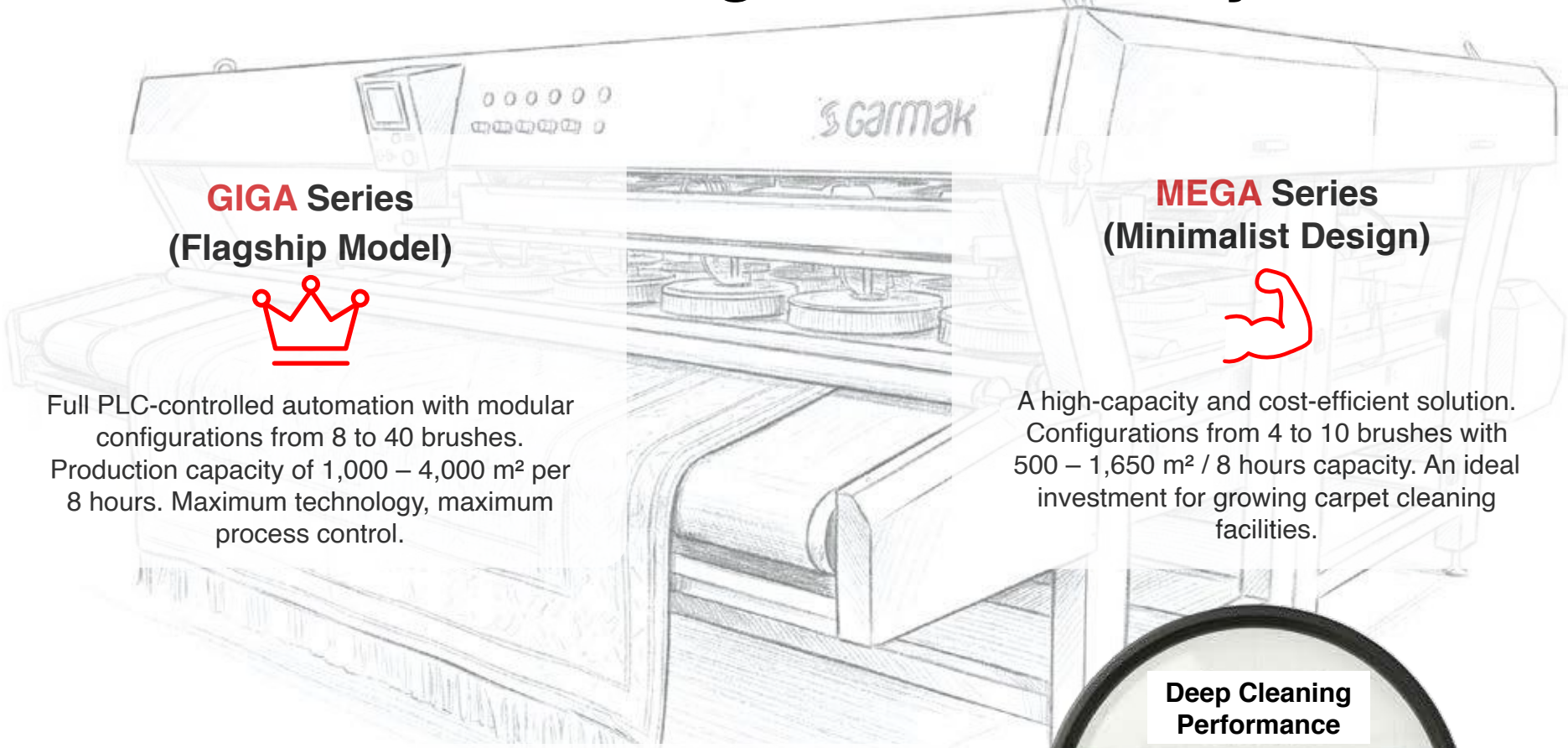
Feature	D4025	D4032	D5042
Series	Shaker	Shaker	Shaker
Working Width (cm)	250	320	420
Dust Removal Speed (m/min)	3 m/min	3 m/min	3 m/min
Vacuum Flow Rate (m^3/h)	3000 m^3/h	3000 m^3/h	3000 m^3/h
Number of Beaters	3x3	3x3	3x3
Beater Speed (hits/min)	1800 hits/min	1800 hits/min	1800 hits/min
Power Consumption (kW)	3kW	3kW	4kW
Total Power (kW)	6 kW	6 kW	7 kW
External Dimensions (cm) W×D×H	310x225x165	380x225x165	480x225x165
Weight (kg)	1000 kg	1400kg	1650 kg

Option	D4025	D4032	D5042
Two-Operator Operation	✔	✔	✔
Roller Front Sweeper	✘	✘	✘
Automatic Carpet Rolling	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity.
60Hz compatible models can be manufactured upon customer request.



Step 2: Automated Washing Standardizing Service Quality



GIGA Series (Flagship Model)

Full PLC-controlled automation with modular configurations from 8 to 40 brushes. Production capacity of 1,000 – 4,000 m² per 8 hours. Maximum technology, maximum process control.

MEGA Series (Minimalist Design)

A high-capacity and cost-efficient solution. Configurations from 4 to 10 brushes with 500 – 1,650 m² / 8 hours capacity. An ideal investment for growing carpet cleaning facilities.

Sensor-driven automation eliminates operator errors, delivering consistent and standardized cleaning quality on every carpet.

The Gar-Mak washing family enables businesses of all sizes to achieve the standard of “perfect washing.”

Flagship Washing System: Giga Series Technical Overview

Full PLC Automation Control: All washing parameters speed, brush pressure, and detergent dosage are managed through a centralized touchscreen interface, ensuring consistent high-quality results independent of operator skill.

Smart Sensor Architecture: Sensors detect carpet entry, position, and thickness, activating brush groups only when required. This intelligent control significantly reduces energy and water consumption.

Modular Width & Length Options: Available in 250 cm, 320 cm, and 420 cm conveyor widths, with three machine length configurations, allowing customized capacity solutions for different facilities.

Automatic Chemical Dosing Unit: Smart dosing pumps automatically mix detergent and softener with mains water at optimal ratios, eliminating manual mixing errors and preventing chemical waste.

Smart Diagnostic System: Integrated software detects issues such as drive overheating or voltage fluctuations, providing visual and written alerts on the control panel to minimize downtime.

Automatic Carpet Rolling System: After washing, carpets are automatically rolled by the rear collection unit without manual intervention, ensuring operator safety and efficient workflow.

The Giga Series transforms carpet washing into a precision-controlled process through intelligent automation, water-saving technologies, and powerful mechanical performance while reducing operational costs.

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GİGA CARPET WASHING MACHINE
Technical Specifications

GIGA PRO FULLY AUTOMATIC CARPET WASHING MACHINE

	X3025F8RVB	X3032F8RVB	X3032F10RVB	X3042F8RVB	X3042F10RVB
Working Width (cm)	250	320	320	420	420
Brush Configuration	2 Bridges (4+4=8 Disks)	2 Bridges (4+4=8 Disks)	2 Bridges (5+5=10 Disks)	2 Bridges (4+4=8 Disks)	2 Bridges (5+5=10 Disks)
Pressure System	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Traveling Roller / Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum
Washing Capacity (m^2/8 hours)	1000 m^2/8 hours	1350 m^2/8 hours	1480 m^2/8 hours	1450 m^2/8 hours	1650 m^2/8 hours
Power Consumption (kW)	9.9 kW	9.9 kW	11kW	9.9 kW	11kW
Total Power (kW)	18kW	18kW	21kW	18kW	21kW
Water Consumption (Lt/min)	53 L/min	53 L/min	63 L/min	53 L/min	63 L/min
External Dimensions (cm) W×D×H	320x370x195	390x370x195	390x370x195	490x370x195	490x370x195
Weight (kg)	1950kg	2165kg	2215kg	2490kg	2535kg

GIGA OPTIMA FULLY AUTOMATIC CARPET WASHING MACHINE

Feature	X3025F12RVB	X3032F12RVB	X3032F15RVB	X3042F12RVB	X3042F15RVB
Working Width (cm)	250	320	320	420	420
Brush Configuration	3 Bridges (4+4+4=12 Discs)	3 Bridges (4+4+4=12 Discs)	3 Bridges (5+5+5=15 Disks)	3 Bridges (4+4+4=12 Discs)	3 Bridges (5+5+5=15 Disks)
Pressure System	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Traveling Roller / Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum
Washing Capacity (m^2/8 hours)	1000 m^2/8 hours	1350 m^2/8 hours	1480 m^2/8 hours	1450 m^2/8 hours	1650 m^2/8 hours
Power Consumption (kW)	13kW	13kW	15kW	13kW	15kW
Total Power (kW)	24kW	24kW	28kW	24kW	28kW
Water Consumption (Lt/min)	63 L/min	63 L/min	71 L/min	63 L/min	71 L/min
External Dimensions (cm) W×D×H	320x425x195	390x425x195	390x425x195	490x425x195	490x425x195
Weight (kg)	2270kg	2550kg	2620kg	2945kg	3016kg

GIGA HYBRID FULLY AUTOMATIC CARPET WASHING MACHINE

Feature	X3025F12RGB	X3032F8RGB	X3032F10RGB	X3042F8RGB	X3042F10RGB
Working Width (cm)	250	320	320	420	420
Brush Configuration	3 Bridges (4+4+4=12 Discs)	3 Bridges (4+4+4=12 Discs)	3 Bridges (5+5+5=15 Disks)	3 Bridges (4+4+4=12 Discs)	3 Bridges (5+5+5=15 Disks)
Pressure System	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Traveling Roller / Vacuum	Traveling Roller	Traveling Roller	Traveling Roller	Traveling Roller	Traveling Roller
Washing Capacity (m^2/8 hours)	1000 m^2/8 hours	1350 m^2/8 hours	1480 m^2/8 hours	1450 m^2/8 hours	1650 m^2/8 hours
Power Consumption (kW)	14kW	14kW	16kW	14kW	16kW
Total Power (kW)	25kW	25kW	29kW	25kW	29kW
Water Consumption (Lt/min)	67 L/min	67 L/min	75 L/min	67 L/min	75 L/min
External Dimensions (cm) W×D×H	320x425x195	390x425x195	390x425x195	490x425x195	490x425x195
Weight (kg)	2225kg	2505kg	2575kg	2900kg	2970kg

Option	X3025F8XXX	X3032F10XXX	X3032F12XXX	X3042F16XXX	X3042F20XXX
Automatic Dosing System	✔	✔	✔	✔	✔
High-Pressure Pre-wash	✔	✔	✔	✔	✔
Extra Brush Set	✔	✔	✔	✔	✔
Advanced Filtering System	✔	✔	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity and require 6-8 bar compressed air.

60Hz compatible models can be manufactured upon customer request.

Minimalist Engineering: Mega Series Technical Overview

Button Panel PLC Control: Simple and reliable machine control through user-friendly button panel interfaces, allowing operators to focus on workflow rather than complex settings.

Smart System: Sensors detect carpet entry, position, and thickness, activating brush groups only when necessary to prevent water and energy waste.

Modular Working Width: Available in 250 cm, 320 cm, and 420 cm conveyor widths, enabling production tailored to different carpet sizes.

Automatic Chemical Dosing Unit: Detergent and softener are automatically mixed with water through the integrated mixing system, eliminating manual dosing errors.

Effective Washing with Pneumatic Pressure Brushes: Disc brushes apply consistent pressure using pneumatic pistons, ensuring deep fiber brushing and effective foam-assisted cleaning.

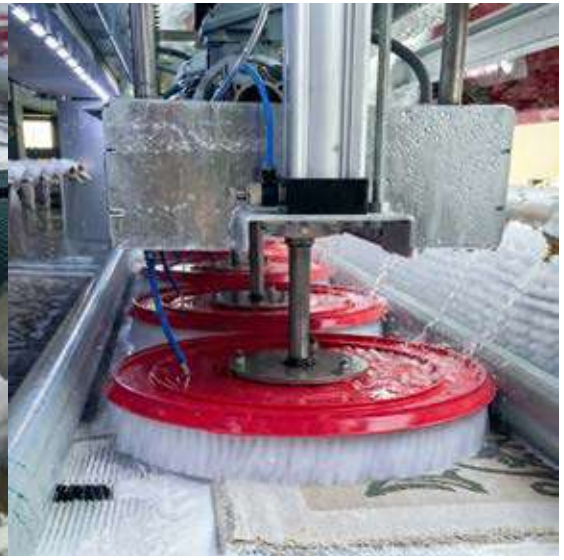
The Mega Series combines minimalist engineering, water-efficient technologies, and strong mechanical performance to deliver deep cleaning while reducing operational costs.

MEGA CARPET WASHING MACHINE
Technical Specifications

Feature	XE2025F4R	XE2025F8R	XE2032F5R
Working Width (cm)	250	250	320
Brush Configuration	1 Bridge (4 Discs)	2 Bridges (4+4=8 Disks)	2 Bridges (5+5=10 Disks)
Pressure System	Pneumatic	Pneumatic	Pneumatic
Traveling Roller / Vacuum	None	None	None
Washing Capacity (m²/8 hours)	600 m²/8 hours	1000 m²/8 hours	1650 m²/8 hours
Power Consumption (kW)	5.5kW	8.2 kW	9.3 kW
Total Power (kW)	10kW	15kW	17kW
Water Consumption (Lt/min)	25 L/min	48 L/min	63 L/min
External Dimensions (cm) W×D×H	270x240x190	270x240x190	340x240x190
Weight (kg)	1080 kg	1220 kg	1400 kg

Option	XE2025F4R	XE2025F8R	XE2032F5R
Automatic Dosing System	✔	✔	✔
High-Pressure Pre-wash	✔	✔	✔
Extra Brush Set	✘	✘	✘
Advanced Filtering System	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity and require 6-8 bar compressed air.
60Hz compatible models can be manufactured upon customer request.



Step 3: Extraction (Centrifuge) Control Time and Energy

COMFY Series

★★★★★

The most balanced carpet centrifuge solution, equipped with pneumatic lid and drive system, designed for long-term reliability without stressing the operator or mechanical components.

SAGE Series

★★★★

Developed by Garmak in 2010, this structural design has proven its durability over the years. The Sage Series has built a strong reputation and loyal following within the industry.

CROC Series

★★★★

Its crocodile-inspired design simplifies operations for facilities using floor-type washing systems. Developed especially for boutique carpet cleaning businesses.

NIVO Series

★★★

All Garmak centrifuge machines are now equipped with variable speed drive control. Features such as soft start, braking, and automatic reverse winding come as standard even in the most economical model.

All carpet centrifuge machines produced by Garmak are equipped with a bearing system suitable for long working conditions and heavy duty use, with a lifespan of 3+ years.

In businesses without carpet wringing machines, drying a wet carpet can take more than 7 days.

Quiet, Comfortable, Vibration-Free: Comfy Series Technical Overview

Fully Automated Operation: Experience real comfort with the first fully automated carpet centrifuge machine developed for both Turkey and global markets.

Soft Start Drive Technology: The integrated drive system reduces motor inrush current, saving electricity and extending motor lifespan. It also ensures carpets open smoothly inside the drum for balanced extraction.

Multiple Drum Length and Diameter Options: Produced with standard drum lengths of 250 cm, 320 cm, and 420 cm, with drum diameters ranging from 36 cm to 47 cm.

Automatic Brake System: A safe braking mechanism that activates after extraction or during emergencies.
The controlled braking system protects mechanical components and prevents unnecessary drum rotation.

Reverse Winding System: After extraction, carpets are automatically reversed and rolled, enabling effortless removal from the drum.

Warning & Notification System: The system alerts the operator during lid opening, lid closing, and fault conditions, ensuring safe and uninterrupted operation.

The faster and more effective the extraction process, the sooner delivery and payment are completed.
Efficient centrifuge performance can reduce post-wash drying room waiting time to as little as one day.

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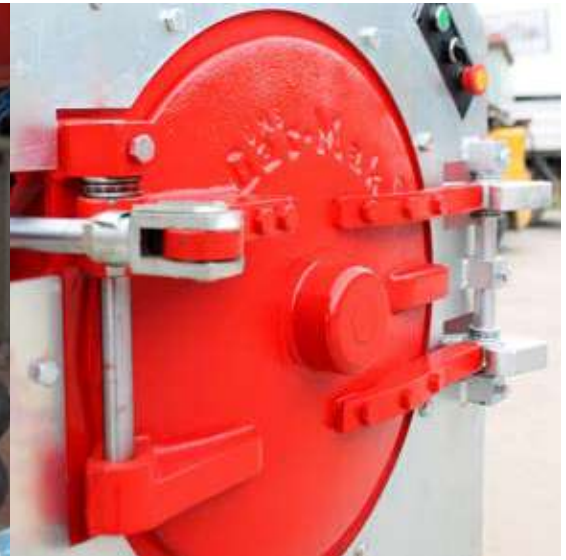
COMFY CARPET CENTRIFUGE MACHINE
Technical Specifications

Feature	G1427	G1032	G1042
Series	Comfort	Comfort	Comfort
Height (cm)	270	320	420
Inner Drum Material	Stainless	Stainless	Stainless
Inner diameter (mm)	397 mm	477 mm	477 mm
Drum Speed (rpm)	1420 rpm	1000 rpm	1000 rpm
Working Time (seconds)	90 seconds	90 seconds	90 seconds
Carpet Capacity	270x1000cm	320x1200cm	420x1200cm
Power Consumption (kW)	2.0 kW	3 kW	5 kW
Total Power (kW)	5.5 kW	7.5 kW	11 kW
External Dimensions (cm) W×D×H	125x320x140	125x370x140	125x490x140
Weight (kg)	850 kg	900 kg	1200 kg

Option	G1427	G1032	G1042
Brake System	✔	✔	✔
Speed Control	✔	✔	✔
Soft Start	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity and require 6-8 bar compressed air.
60Hz compatible models can be manufactured upon customer request.



Standard Quality, Cost Efficiency: Sage Series Technical Overview

Time-Controlled Drive Panel: The integrated control panel features time-adjustable drive control with braking and reverse winding functions, automating key stages of the extraction process for smoother operation.

High-Speed Extraction Performance: With a powerful 1300 RPM spinning speed, the machine removes nearly all remaining water from the carpet. Its fast operating cycle significantly accelerates workflow.

Multiple Drum Length and Diameter Options: Manufactured with standard drum lengths of 250 cm, 320 cm, and 420 cm, and drum diameters ranging from 36 cm to 47 cm.

Heavy-Duty Cast Iron Lid Structure: Centrifuge lids are exposed to significant mechanical stress over years of operation, which can lead to structural fatigue and chronic bearing issues. The spheroidal cast iron lid design ensures long-term durability and stable performance even after years of use.

Adjustable Clamp System: The adjustable clamping system allows operators to fine-tune machine tolerances, ensuring silent, vibration-free operation for many years while maintaining operational safety.

Easy Maintenance: The Sage Series is designed with simple service architecture, making maintenance and operation straightforward. Many carpet cleaning facilities have been using this system reliably for over 17 years.

Extraction is the critical speed bridge between washing and drying. Optimizing this stage directly increases operational profitability.

SAGE CARPET CENTRIFUGE MACHINE
Technical Specifications

Feature	T1427	T1032	T1042
Series	Professional	Professional	Professional
Height (cm)	270	320	420
Inner Drum Material	Stainless	Stainless	Stainless
Inner diameter (mm)	400 mm	470 mm	470 mm
Drum Speed (rpm)	1250 rpm	1000 rpm	1000 rpm
Working Time (seconds)	90 seconds	90 seconds	90 seconds
Carpet Capacity	270x1000cm	320x1200cm	420x1200cm
Power Consumption (kW)	2.0 kW	3 kW	5 kW
Total Power (kW)	5.5 kW	7.5 kW	11 kW
External Dimensions (cm) W×D×H	125x320x140	125x370x140	125x490x140
Weight (kg)	850 kg	900 kg	1200 kg

Option	T1427	T1032	T1042
Brake System	✔	✔	✔
Speed Control	✔	✔	✔
Soft Start	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity.
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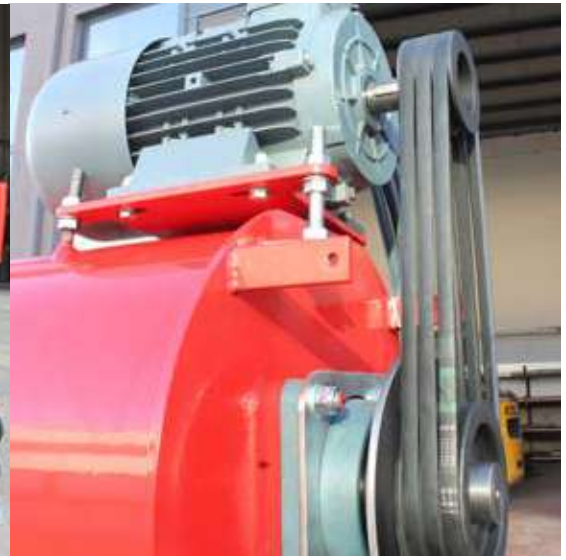


Standard Quality, Cost Efficiency: Croc Series Technical Overview

Designed for Manual Washing Operations: The Croc (Crocodile) model is specifically engineered for facilities performing floor-based manual washing, eliminating the chronic issues often experienced with wheeled centrifuge systems. It offers long-term reliability and is widely used by boutique carpet cleaning businesses worldwide.

Air Bellows Suspension System: The pneumatic suspension system prevents vibrations from transferring to the floor. During operation, the machine remains stable and stationary, offering superior stability compared to wheeled systems.

Multiple Drum Length and Diameter Options: Manufactured with standard drum lengths of 250 cm, 320 cm, and 420 cm, with drum diameters ranging between 36 cm and 47 cm. Custom production is also available up to 5 meters in length and 60 cm in diameter.

Low Noise Operation: Designed for quiet operation with noise levels below 70 dB, improving workplace comfort.

Adjustable Clamp System: The adjustable clamp system allows operators to compensate for any mechanical tolerances that may develop over time. This ensures long-term silent, vibration-free operation while maintaining safe and stable machine performance.

Durability with Spheroidal Cast Iron Lid: Over years of intensive use, centrifuge lids are exposed to structural fatigue that can lead to chronic bearing issues. The spheroidal cast iron lid design is engineered to withstand these stresses, maintaining structural integrity and enabling the machine to operate as reliably as the first day after maintenance.

Labor Efficiency: Its low-profile body design provides ergonomic advantages for boutique facilities performing floor-based washing operations. The machine operates fully automatically, offering a highly comfortable and efficient workflow for operators.

CROC CARPET CENTRIFUGE MACHINE
Technical Specifications

Feature	C1427	C1032	C1042
Series	Crocodile	Crocodile	Crocodile
Height (cm)	270	320	420
Inner Drum Material	Stainless	Stainless	Stainless
Inner diameter (mm)	400 mm	470 mm	470 mm
Drum Speed (rpm)	1250 rpm	1000 rpm	1000 rpm
Working Time (seconds)	90 seconds	90 seconds	90 seconds
Carpet Capacity	270x1000cm	320x1200cm	420x1200cm
Power Consumption (kW)	2.0 kW	3 kW	5 kW
Total Power (kW)	5.5 kW	7.5 kW	11 kW
External Dimensions (cm) W×D×H	125x320x140	125x370x140	125x490x140
Weight (kg)	850 kg	900 kg	1200 kg

Option	C1427	C1032	C1042
Brake System	✔	✔	✔
Speed Control	✔	✔	✔
Soft Start	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity.
60Hz compatible models can be manufactured upon customer request.

Standard Quality, Cost Efficiency: Nivo Series Technical Overview

High-Speed Extraction Performance: With a powerful 1300 RPM spinning speed, the machine removes nearly all remaining water from the carpet. Its fast operating cycle significantly accelerates workflow.

Air Bellows Suspension System: The pneumatic suspension system prevents vibrations from transferring to the floor. The machine remains stable during operation and does not “move” or shake, providing superior stability compared to wheeled systems.

Multiple Drum Length and Diameter Options: Manufactured with standard drum lengths of 270 cm, 320 cm, and 420 cm, with drum diameters ranging from 38 cm to 47 cm.

Low Noise Operation: Designed for quiet operation with noise levels below 70 dB, improving workplace comfort.

Adjustable Clamp System: The adjustable clamp system allows fine tolerance adjustments, ensuring long-term silent and vibration-free operation with high safety.

Time-Controlled Drive Panel: The integrated drive panel features time-controlled braking and reverse winding functions, automating critical stages of the extraction process.

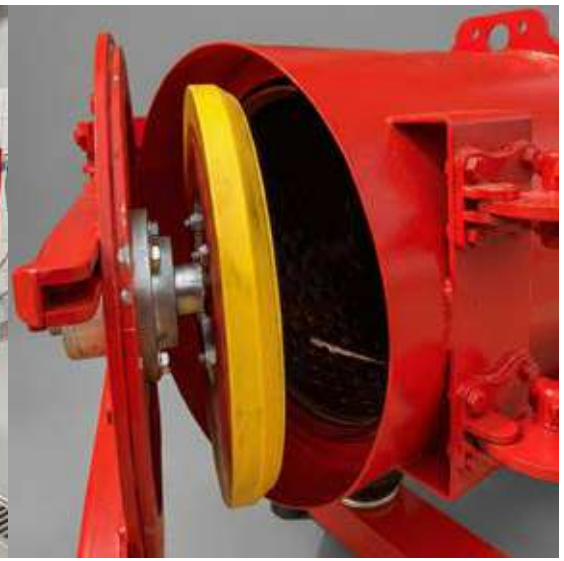
The biggest bottleneck in carpet cleaning operations is drying time.
Insufficient extraction means carpets waiting for days in drying rooms, increased yellowing risk, and delayed deliveries.

NIVO CARPET CENTRIFUGE MACHINE
Technical Specifications

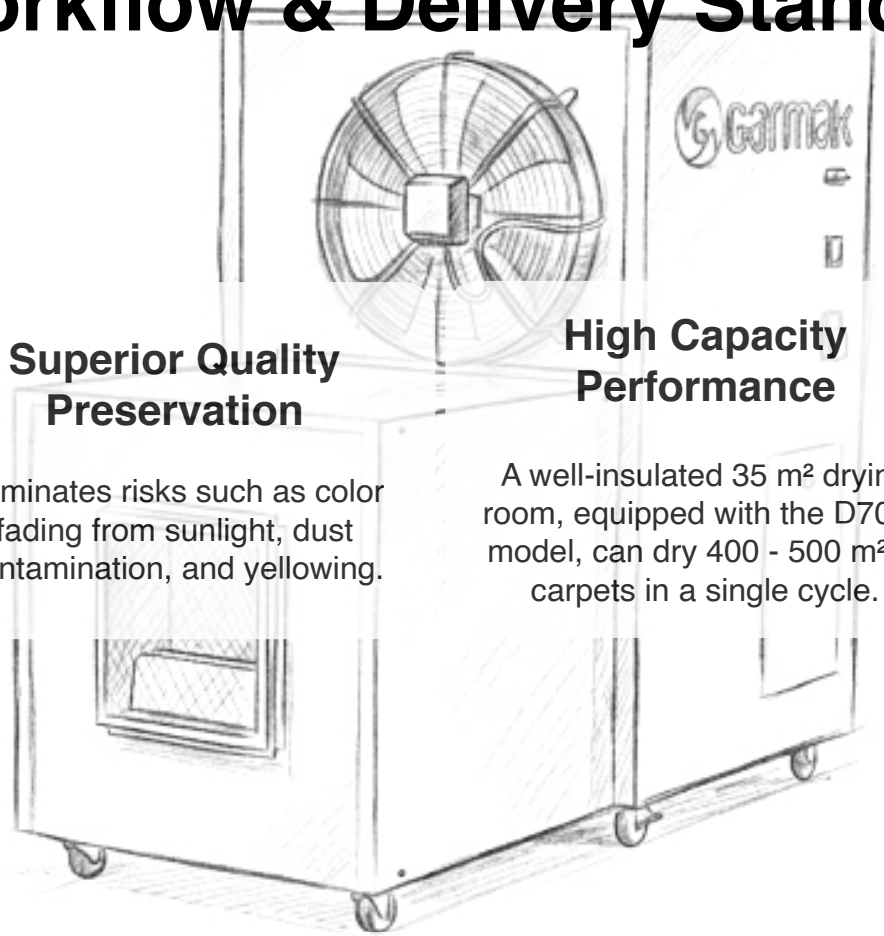
Feature	N1427	N1032	N1042
Series	Eco	Eco	Eco
Height (cm)	270	320	420
Inner Drum Material	Stainless	Stainless	Stainless
Inner diameter (mm)	400 mm	470 mm	470 mm
Drum Speed (rpm)	1250 rpm	1000 rpm	1000 rpm
Working Time (seconds)	90 seconds	90 seconds	90 seconds
Carpet Capacity	270x1000cm	320x1200cm	420x1200cm
Power Consumption (kW)	2.0 kW	3 kW	5 kW
Total Power (kW)	5.5 kW	7.5 kW	11 kW
External Dimensions (cm) W×D×H	125x320x140	125x370x140	125x490x140
Weight (kg)	850 kg	900 kg	1200 kg

Option	N1427	N1032	N1042
Brake System	✔	✔	✔
Speed Control	✔	✔	✔
Soft Start	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity.
60Hz compatible models can be manufactured upon customer request.



Step 4: Drying (Fast Hanging Carpet Drying System) Service Workflow & Delivery Standardization



Independence from Weather Conditions

Drying that may take 7–10 days outdoors can be completed in 12–16 hours in a controlled drying environment.

Superior Quality Preservation

Eliminates risks such as color fading from sunlight, dust contamination, and yellowing.

High Capacity Performance

A well-insulated 35 m² drying room, equipped with the D7000 model, can dry 400 - 500 m² of carpets in a single cycle.

Efficient Technology

Powered by dehumidifier technology, operating with low energy consumption of approximately 5.3 kW per hour.

Enhanced Customer Confidence
Provides the most professional answer to the question:
“How do you dry the carpets?”

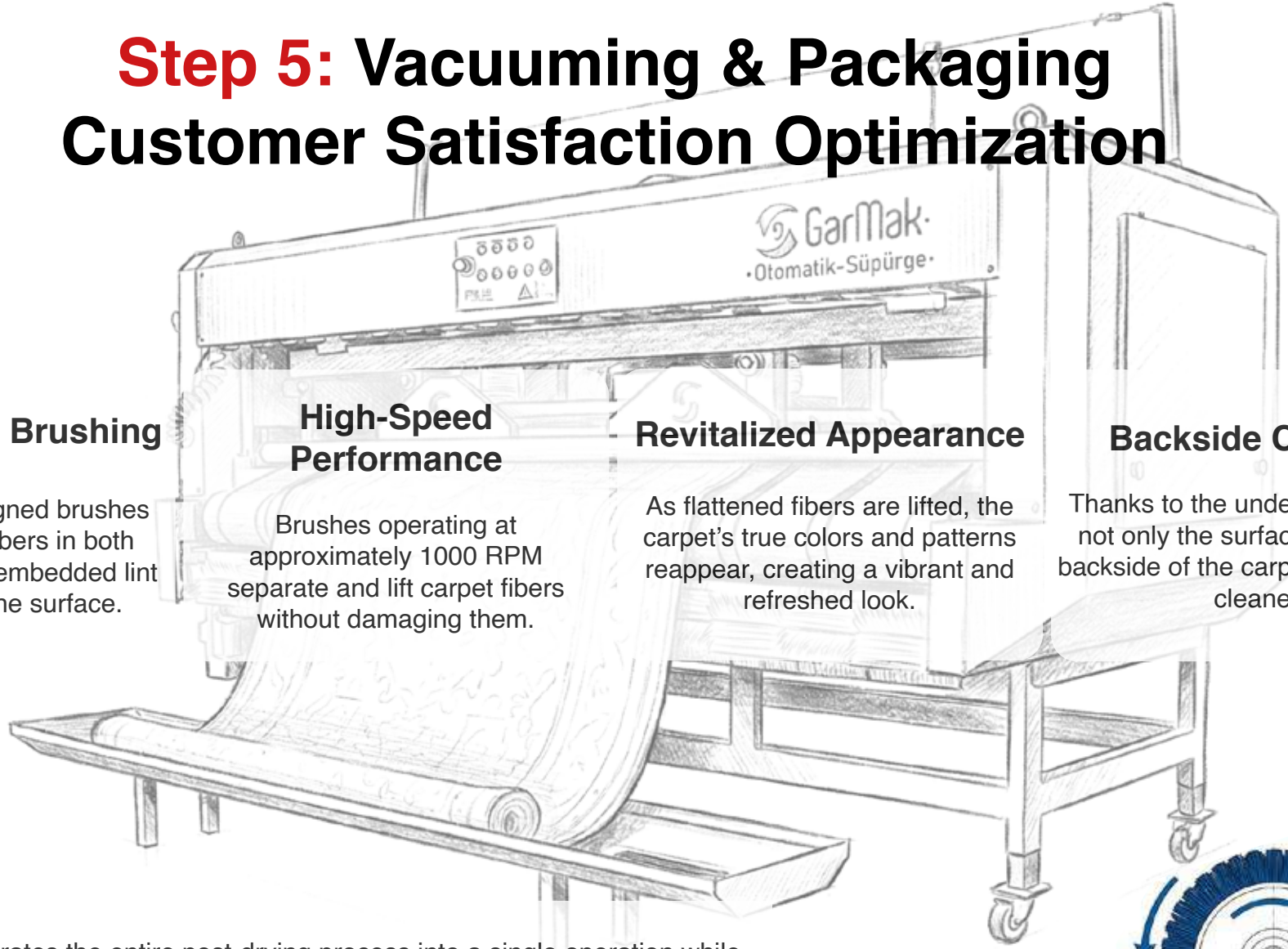
Controlled drying is the modern standard that delivers speed, consistent quality, and competitive advantage.

LUVRA CARPET DRYING MACHINE
Technical Specifications

Feature	HK 4400	HK 4400-S	HK 6400	HK 6400-S
Energy Consumption	4.4 kW	5.5 kW	6.4 kW	7.5 kW
Operating Voltage	380 V	380 V	380 V	380 V
Carpet Drying Capacity	400-450 m²	450-550 m²	550-600 m²	650-700 m²
Average Drying Time	12 hours	12 hours	12 hours	12 hours
Centrifugal Fan	-	Yes	-	Yes
Suggested Room Dimensions (LxWxH)	6 × 5 × 2.5 m	9 × 4 × 2.5 m	6 × 6 × 2.5 m	9 × 5 × 2.5 m
Thermal Protection	Yes	Yes	Yes	Yes
Phase/Phase Sequence Protection	Yes	Yes	Yes	Yes
Single-Phase Device Protection	Yes	Yes	Yes	Yes
Timed Stop	Yes	Yes	Yes	Yes
Temperature Setting	Yes	Yes	Yes	Yes
Recommended Maximum Room Temperal	42 °C	42 °C	42 °C	42 °C
Heat Equalization After Drying	Yes	Yes	Yes	Yes

Note: After the machine stops, it is recommended to allow fresh air into the room for 45-60 minutes to equalize the ambient temperature with the outside environment.

Step 5: Vacuuming & Packaging Customer Satisfaction Optimization



Dual-Direction Brushing

Four specially designed brushes comb the carpet fibers in both directions, bringing embedded lint and particles to the surface.

High-Speed Performance

Brushes operating at approximately 1000 RPM separate and lift carpet fibers without damaging them.

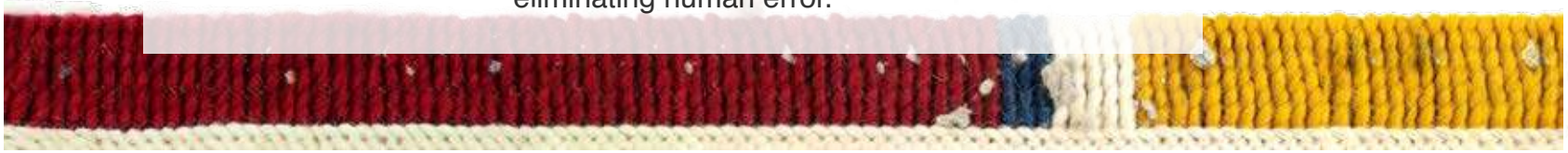
Revitalized Appearance

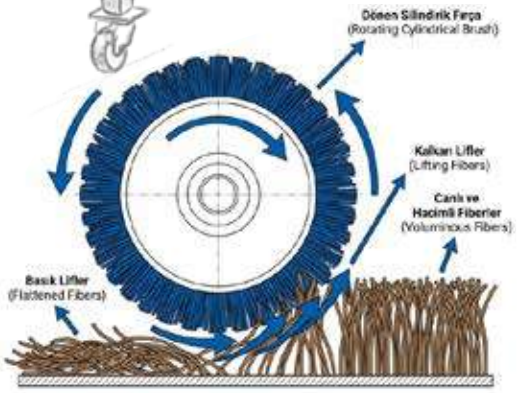
As flattened fibers are lifted, the carpet's true colors and patterns reappear, creating a vibrant and refreshed look.

Backside Cleaning

Thanks to the under-vacuum unit, not only the surface but also the backside of the carpet is thoroughly cleaned.

Finito integrates the entire post-drying process into a single operation while eliminating human error.





While washing removes mud and stains, Finito extracts fine dust and allergens that surface during drying using its powerful vacuum system.

The Perfect Final Touch:
Finito Series Technical Overview

Button Panel PLC Control: All vacuuming parameters can be controlled from the main front panel, while start/stop functions and brush pressure adjustments can be managed from the rear panel.

High-Flow Vacuum Technology: Sensor architecture detects carpet entry, position, and thickness, activating brush groups only when needed to prevent unnecessary energy consumption.

Modular Working Width: Available with 250 cm, 320 cm, and 420 cm conveyor widths, with 4+4 tubo vacuum heads and high-speed configuration options.

Automatic Fragrance System: During the rolling process, the system automatically sprays fragrance onto the carpet surface. When customers open the package, they are welcomed by a “fresh clean scent” a powerful psychological brand experience.

LED Inspection Lighting: High-intensity LED lighting allows operators to detect even the smallest stains or defects before packaging.

Automatic Carpet Rolling: No more manual rolling. The machine rolls carpets into tight, uniform cylinders, saving space in vehicles and storage while increasing delivery capacity.

Show your customers that you operate with professional technology.
Eliminate “the carpet arrived dusty” complaints completely, and elevate your business beyond standard carpet cleaning operations.

GarMak
•Otomatik-Süpurge•

FINITO CARPET LINT REMOVAL MACHINE
Technical Specifications

Feature	S6025	S6032	S8042
Series	Professional	Professional	Professional
Working Width (cm)	250	320	420
Number of Brushes	4 Pieces	4 Pieces	4 Pieces
Vacuum Airflow (m³/h)	4000 m³/h	4000 m³/h	4000 m³/h
Speed (m²/min)	10 m²/min	15 m²/min	20 m²/min
Energy Consumption (kW)	3.5kW	4kW	5kW
Total Power (kW)	6 kW	7 kW	8 kW
External Dimensions (cm) W×D×H	310x210x150	380x210x150	480x210x150
Weight (kg)	1200 kg	1550 kg	1750 kg

Option	S6025	S6032	S8042
Bottom Cleaning Unit	✔	✔	✔
LED Lighting	✔	✔	✔
Automatic Carpet Rolling	✔	✔	✔

Note: All our models operate as standard with 380V / 50Hz three-phase electricity and require 6-8 bar compressed air.

60Hz compatible models can be manufactured upon customer request.

Custom Configuration & Installation Process

1 ↓

Needs Assessment

Our expert team analyzes your facility layout, capacity goals, and investment budget.

2 ↓

Customization

We configure the ideal production line using belt width options, brush configurations, and optional modules such as vacuum or dosing systems.

3 ↓

Professional Installation

Turnkey installation services tailored to your factory layout plan.

4 ↓

On-Site Training

Comprehensive training for your operators on machine operation, maintenance, and efficiency optimization.

5

Continuous Support

Even after installation, the **Gar-Mak service network** remains by your side.

We don’t force you into a standard solution.
Together, we design the efficiency line that best matches the DNA of your business.

Frequently Asked Questions

Do I need to purchase all machines in the line at once?

Maximum efficiency is achieved with a fully integrated production line. However, you may start by solving your primary operational bottleneck usually centrifuge extraction or automatic washing and expand the system modularly.

What are the energy and water consumption levels?

All our machines are designed for efficiency. For example: Adding a Dust Removal Machine alone can reduce water consumption by up to 20%. The Giga Series washing system can reduce water usage by up to 30%. Detailed consumption data is available for every machine.

How do warranty and service processes work?

All machines come with a 1 year warranty. We provide fast service and spare parts support across Türkiye, with additional international dealer warehouses. Spare parts and service support are available for up to 10 years.

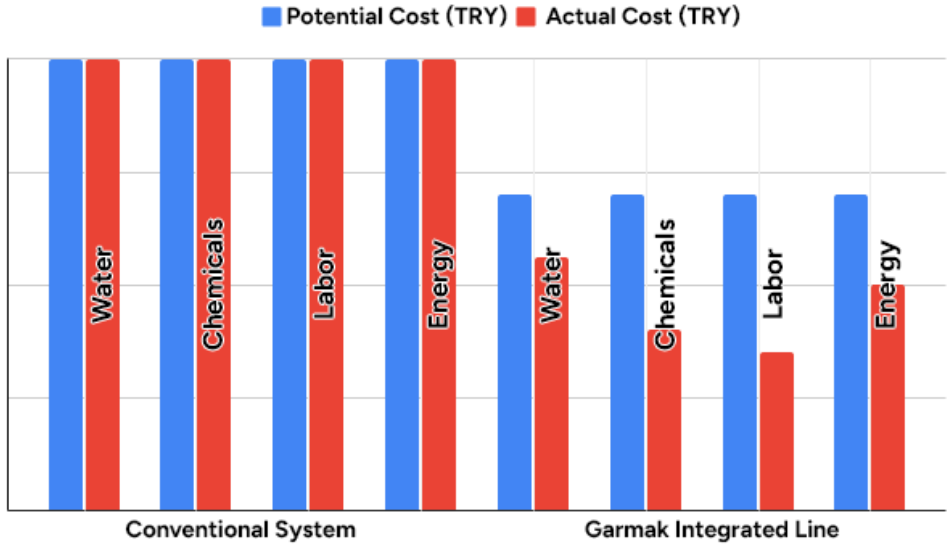
We understand your questions and concerns and provide transparent, practical solutions for each of them.

Return on Investment (ROI) Analysis

Scenario: A carpet cleaning facility processing approximately 300 m² of carpets per day.

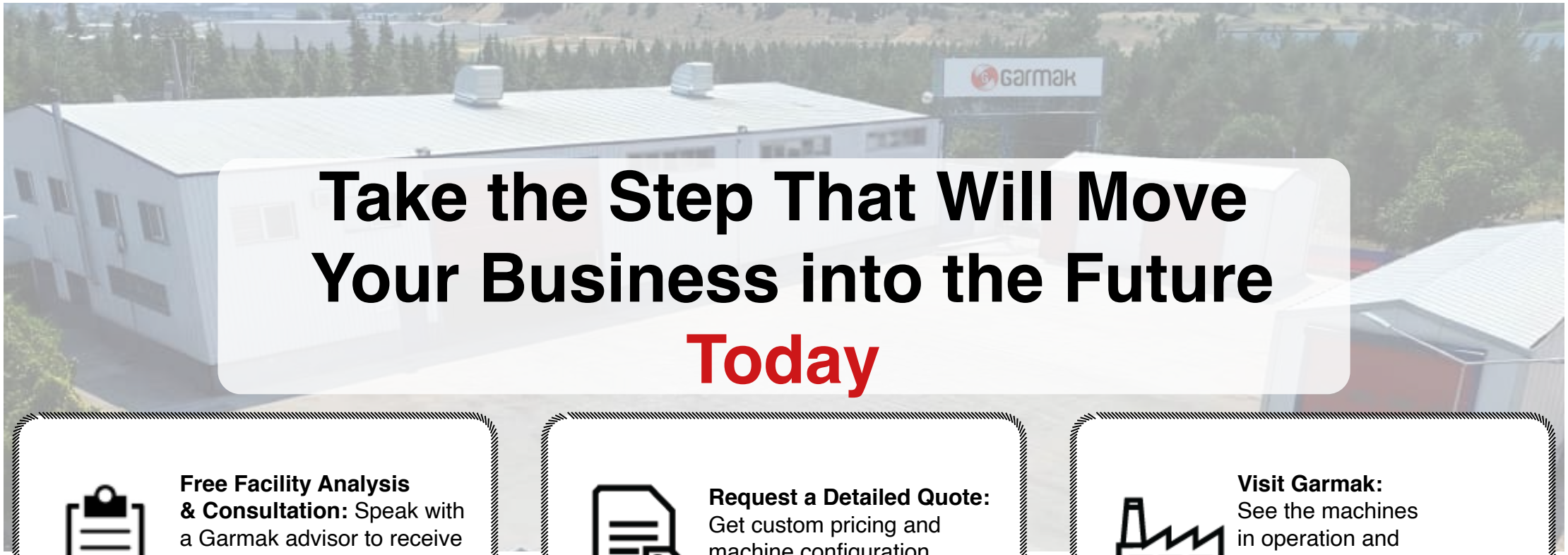
- **Benefit 1 - Dust Removal:** Water savings (-20%) and chemical savings (-50%)
- **Benefit 2 - Automatic Washing:** Labor efficiency and increased capacity (Full production line managed by 2 operators)
- **Benefit 3 - Extraction & Drying:** **Energy savings and faster operations (Increased cash flow due to shorter drying cycles)**

Operational Costs: Before vs After



Result: An integrated production line investment typically has the potential to pay for itself within **18-36 months,** depending on operational efficiency.

The Gar-Mak ecosystem is not an expense it is a profitable investment that continuously generates value for your business.



Take the Step That Will Move Your Business into the Future Today

Free Facility Analysis & Consultation: Speak with a Garmak advisor to receive a custom efficiency report and production line proposal for your facility.

Request a Detailed Quote: Get custom pricing and machine configuration recommendations tailored to your operational needs.

Visit Garmak: See the machines in operation and experience the engineering quality firsthand.

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Don’t postpone efficiency.
Contact us today to increase your profitability and expand your market share.