



OSCILLATING CARPET WASHIN MACHINE:

WASHING FUNCTION:

- An automatic carpet-washing machine is able to operate without direct human contact.
- Pazirik's oscillating automatic carpet-washing machine guarantees the best quality washing by enjoying from brush's complicated movement mechanism.
- This mechanism turns the rotating speed of an electric motor to oscillating movements which causes the depth of the carpet to be washed in addition to the surface of the carpet and the efficiency of the machine increased significantly.
- Oscillating brushes technology which is in monopoly of Pazirik Company does not damage carpet tissue under no circumstances besides washing the carpet fast and with high quality.
- In this type of washing which has been designed by Pazirik's experts, brushes overlap completely regarding each other in order to yield best results.
- There will be less time spent by this type of washing than rotating brush washing machines.
- Oscillating washing system does not damage carpet tissue while giving it a three-dimensional washing.
- High strength conveyor drums with a diameter of 139 mm and a thickness of 5 mm and the moving drums with a diameter of 320(mm)
- Rinsing system with 15 intelligent nozzles.
- Removing lint and polishing carpet by using rotating roll brushes
- Washing rear side of carpet by using rotating roll brushes
- Full-automatic washing by using smart scheduler of machine

- The intelligence of the machine has optimized the consumption of water and detergents up to 60%.
- First class compact infinite conveyor bands with thickness of (5mm) (Resistant to Chemicals)
- Roller brush system for cleaning the bottom surface.

Automatic control roller: At the end of the washing and wringing process, the carpet is rolled automatically.

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- Pazirik's machines are equipped with rust-proof lining and epoxy paint which causes the resistance against erosion get increased tremendously. Epoxy paint is the best type of paint for metal coating that is used in the shipbuilding industry.

Pazirik oscillating carpet washing machine is available in different models.

PURCHASE ADVANTAGES:

- **SAVING WATER CONSUMPTION:** All Pazirik's machines are equipped with a water-saving system.
- **SAVING ENERGY CONSUMPTION:** One of the most unique features of Pazirik's machines is the energy and detergent saving mechanisms. This technology is installed in all Pazirik's machines by utilizing Iranian experts.
- **AUTOMATIC CARPET-ROLLER SYSTEM:** At the end of the washing and wringing process, the carpet is rolled automatically.
- Versatile easy to use automation and control system
- Our machines are designed to achieve the maximum level of results with a small consumption of energy and water
- **Touch screen control panel:** The user can change all the variables of this machine through a touch screen control panel.
- **Components long life-time:** Pazirik's experts by using modern engineering science have designed all of the machine's components in a way that has maximum life-time and minimum break-down. The machine's components are continuously evaluated by our quality-check unit in order to make sure that zero percent of failure is possible.

- **GUARANTEE:** We have considered a one-year Guarantee and 10 years after-sale services for all our machines and this is stipulated in the sale contract.

NOTE: All Pazirik machines can be updated in the future due to the 300% over-design.

EXCLUSIVE FEATURES OF THE MACHINE:

- **Thanks to the smart detection of carpet thickness and the automatic adjustment of brushes height according to the carpet thickness.**
 - **Strong chassis:** (super chassis) with galvanized plates(20mm)(Galvanized with this sheet has along life of over 100 years.
 - Pazirik's vision for this machine is to have a useful life of 100 years.
 - **No carpet folding in the middle of machine:** Pazirik company has improved the technology by inventing a new type of brush without using rollers that prevents the carpet from wrapping around the middle and overcomes the disadvantages that existed in the machine in the market using carpet keeping rollers.
 - **Pazirik's unique rinsing system:** In this system,with the help of a carpet locator, which determines which part of the machine the carpet is located in,the system intelligently changes the direction of the roller brushes to improve the quality of washing and rinsing.In this system, by using two groups of non_level conveyors and installing a roller brush in a suitable position,it can significantly increase rinsing and hair removal compared to other devices in the market, and reduce the water consumption for carpet rinsing.
 - **Roller bearing:** This company uses self_align rollerbearings that can withstand a high Axial load in addition to the radial load and have less damage than the machines ballbearings of in the market.

- **Pre-wetting system and dusting function**; with vibrating pool, that vibration is made by a large scale on carpet's tissue, furthermore, water and detergent penetrate deep into tissues besides eliminating dust rapidly without damaging the carpet. and high efficiency are obtained even with a small amount of water.

(this vibrating pool can be added to the machine at the customer's order.

- Reducing washing-time to one minute
- Capable of cleaning/washing all sorts of carpets.
- Safety switches for machine safety and machine user
- Possibility to smart control the speed of all units in the system
- The intelligence of the machine has optimized the consumption of water and detergents up to 60%.

Technical specification:

THE MODEL	OSCILLATING-DISKI CARPET WASHING MACHINE(B)	OSCILLATING CARPET WASHING MACHINE(H)	OSCILLATING DISKI CARPET WASHING MACHINE(B)	OSCILLATING DISKI CARPETWASHING MACHINE(B)
Total Brushes	14	20	26	38
Number Of Vibrating And Disk Brushes	12	18	24	36
Number Of Roll Brushes	2	2	2	2
Total Power(kw)	2(length: 3500 MM)	2(length:3500 MM)	2(length:3500 MM)	2(length:3500 MM)
Voltage	380(V)	380(V)	380(V)	380(V)
Engine Power Of The Vibrating Brush	5 (HP)	6 (HP)	10(HP)	12(HP)
Brush Diameter	400(MM)	320(MM)	400(MM)	320(MM)
The motors number	10 motors	16 motors		19 motors
Brush Speed	1000(RPM)	1000(RPM)	1000(RPM)	1000(RPM)
Total Weight	4000(KG)	4200(KG)	4500(KG)	4700(KG)
Electricity Consumption In 1 Hour	11.5 (KW/H)	11.5 (KW/H)	15(KW/H)	15(KW/H)
Washing Capacity	480(M ² /H)	480(M ² /H)	480(M ² /H)	480(M ² /H)
Washing Time:	1.5(MIN)	2 (MIN)	1(MIN)	1(MIN)
Conveyor Speed	2.5 (M/MIN)	2.5 (M/MIN)	4.5 (M/MIN)	4.5 (M/MIN)
Body's Material	Steel 20(MM)/galvanized	Steel 20(MM)/galvanized	Steel 20(MM)/galvanized	Steel 20(MM)/galvanized
Water Consumption	300/400 Liter For 12-Meter Carpet	300/400 Liter For 12-Meter Carpet	200/300 Liter for 12-Meter Carpet	200/300 Liter For 12-Meter Carpet
Dimensions	4500x4000x1500(MM)	4500x4000x1500(MM)	4500x4000x1500(MM)	4500x4000x1500
Maximum carpet width	3 (M)	3 (M)	3(M)	3 (M)
Vibrating machine	On customer call it can be added to machine	On customer call it can be added to machine	On customer call it can be added to machine	On customer call it can be added to machine

Vibrating Carpet Washing Machine:

Today, the increasing expansion of modern technology in different industries and even human life is unfathomably high.

The carpet-washing industry lacked this expansion of technology till Pazirik's R&D unit undertook to design of the most powerful automatic carpet-washing machine and after conducting some analysis of the existing machines and prototyping first ideas, this team achieved designing of the first automatic carpet-washing machine which utilizes vibration technology.

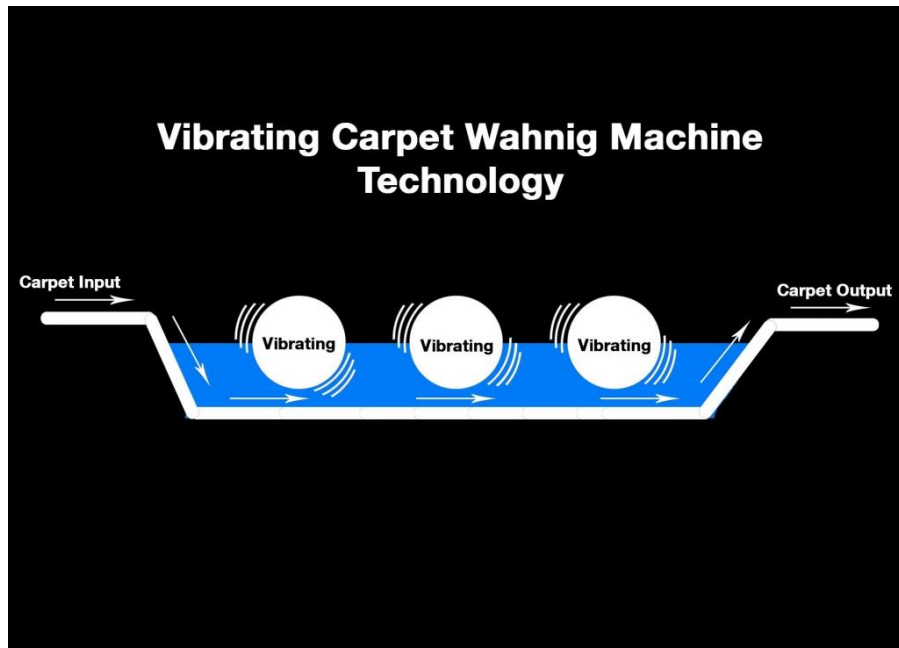
It's necessary to say that all the typical washing machines in the world use the scrubbing method for washing carpets.

Because of the problems of common approaches toward washing carpets, Pazirik company's experts have designed a modern mechanism of vibration by research and development.

In Paziriki's type of washing, vibration is made by a large scale on carpet's tissue, furthermore, water and detergent penetrate deep into tissues besides eliminating dust and salt rapidly without damaging the carpet.

NOTE:Pazirik's vibrating washing collection precedes oscillating washing collection so that the quality of washing will become double.

➤ This method reduces water and detergent consumption significantly besides improving washing quality.



Technical specification:

the number of drums	3
The maximum carpet width	3 (M)
Drum's diameter	5(inch)
voltage	380(V)
Total power	3(KW/H)
weight	1800(KG)
Electricity consumption	5(A)
The number of motors	3
dimension	4000×2500×1500(mm)

❖ Here comes Pazirik's style of treating customers. We're honored to say that Pazirik is the first and only company that allows customers to avail themselves of a one-month clause. According to this clause Pazirik company undertakes to compensate customers fully which includes any shipping costs that they have undergone if our product does not live up to your expectations. This is the main clause of the company's sales contract.



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