



## **Automatic Carpet Washing Machine:**

**Thanks to the smart detection of carpet thickness and the automatic adjustment of brushes height according to the carpet thickness.**

**An absolute Iranian machine that is able to live up to customer's standards by a rigorous wash.**

- ❖ Two sets of 6 brushes (12 brushes in total) that have a combination of rotating and reciprocating motion.
  - ❖ Four sets of 6 brushes (24 brushes in total) that have a combination of rotating and reciprocating motion.
- 
- Large diameter and 5mm thick high strength conveyor drums
  - 1<sup>st</sup> quality compact endless conveyor belt.
  - Possibility to wash all kinds of carpet.
  - Rinsing system with 15 smart nozzels.
  - Pre-wetting system and dusting function; with vibrating pool (this vibrating pool can be added to the machine at the customer's order).
  - First class conveyor belt 5mm (resistant to chemicals)
  - 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)
  - Removing lint and polishing carpet by using rotating roll brushes
  - Our machines are designed to achieve the maximum level of results with a small consumption of energy and water.
  - Touchscreen control unit.
  - Automatic carpet-roller system: At the end of the washing and wringing process, the carpet is rolled automatically.
  - Full-automatic washing by using smart scheduler of machine
  - Smart water and detergent nozzels.

- 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.

On the customer's call, Pazirik can have the machines galvanized.

- Roller brush system for cleaning the bottom surface.
- Minimum failure level.

Manufactured according to the minimum fault level and the principle of working in the heaviest conditions.

### **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.(using a screw jack and a height sensor according to the thickness of the carpet.
- **Strong 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 receiving 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 zero\_line (self\_adjusting) 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.

- 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%.

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

**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.



## **Technical Specification:**

<b>THE MODEL</b>	<b>AUTOMATIC CARPET WASHING MACHINE(B)</b>	<b>AUTOMATIC CARPET WASHING MACHINE(H)</b>
<b>Total Brushes</b>	13	26
<b>Number Of Disc Brushes</b>	12	24
<b>Number Of Roll Brushes</b>	1 brush for removing lint on the carpet	2 Brushes For On And Under The Carpet
<b>Voltage</b>	380(V)_50(HZ)	380(V)_50(HZ)
<b>Engine Power Of The Disk Brush</b>	5.5(HP)	5.5(HP)
<b>Brush Diameter</b>	400(MM)	400 (MM)
<b>Brush Speed</b>	250 to 310(RPM)	250 to 310(RPM)
<b>Weight</b>	2600 (KG)	3100(KG)
<b>Electricity Consumption</b>	13.6(KW/H)	18.6(kw/h)
<b>Washing Capacity</b>	300 (M <sup>2</sup> /H)	600 (M <sup>2</sup> /H)
<b>Washing Time:</b>	2 MIN	1 MIN
<b>Body's Material</b>	Steel(10 MM)	Steel(10 MM)
<b>Conveyor Speed</b>	2 Meters in min	4 Meters in min
<b>Water Consumption</b>	300 Liter For 12-Meter Carpet	200 Liter For 12-Meter Carpet
<b>Dimensions</b>	4000x3800x1500(MM)	4000x4000x1500(MM)
<b>Maximum carpet width</b>	3000(MM)	3000(MM)
<b>Vibrating pool</b>	It can be added to the machine Based on the customer's order	It can be added to the machine Based on the customer's order
<b>The number of motors</b>	5 motors	7 motors
<b>Touch screen control panel</b>	✓	✓
<b>Washing technology</b>	Rotating(reciprocating)	Rotating(reciprocating)

- ❖ 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.