



# Fan avaran kasht zagros Company

Fanavarankashtzagros Company with more than 13 years of experience as a producer of advanced and modern seedling production equipment. automatic and semi-automatic seedling tray. seeding machines. intelligent irrigation system. seedling planter. Irrigation tipping machine and greenhouse technology. greenhouse automation and different types of seedling trays production.

This company, under the management of MSc Maziar Namdari, started its activity in 2013 and started operating as the founder of the seedling mechanization industry in Iran, and during this period succeeded in equipping more than 90% of mechanized seedling production greenhouses in Iran.

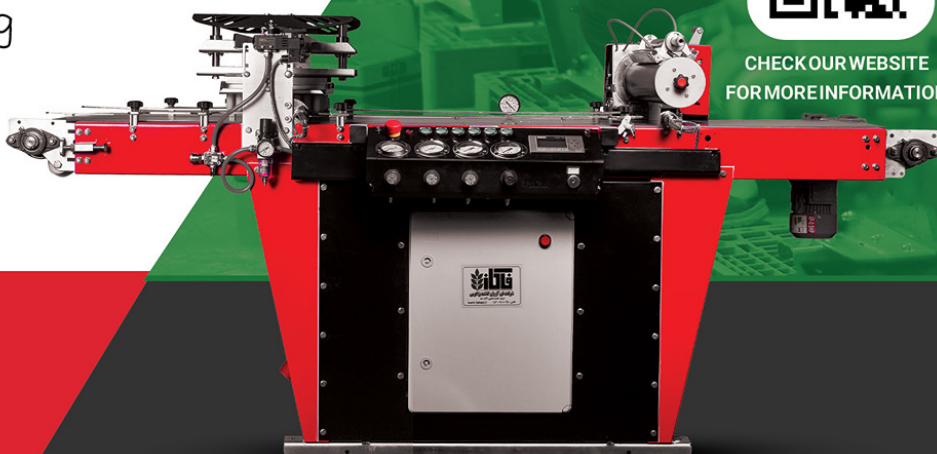


Fakaz company has succeeded in competitive competition in the field of product quality, speed of service and specialized services with Asian branches of world companies, to the extent that the products of this company have been accepted more than European brands branches in Iran in recent five years.

Fakaz is a reliable name in  
the greenhouse and seedling  
industry of Iran.

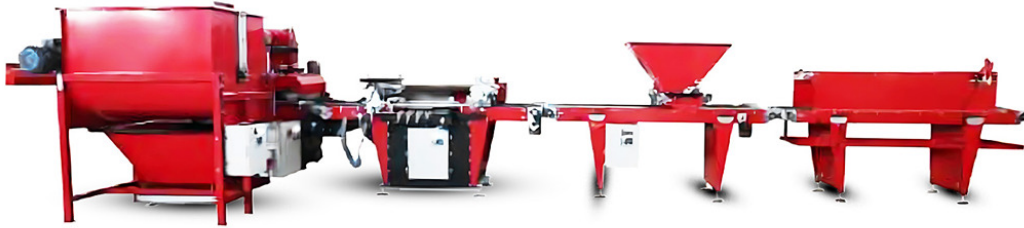


CHECK OUR WEBSITE  
FOR MORE INFORMATION



Address: Kermanshah-Harsin Road  
Contact number: 083.91010024.25  
Sales unit: 09182400087  
After-sales service: 09180642003  
Website: [www.fakaz.ir](http://www.fakaz.ir)

## NURSERY SEEDLING MACHINE (FULL LINE) MODEL: N1800/98



This production line can work up to 850 trays per hour and has the ability to work with all types of trays. The complete line includes **MIXER** model 850L. **CONTAINER** model A1610T. **SEEDER** model N81P. **TRAY COVERING** model KN50. **IRRIGATION TUNNEL** model NA50.

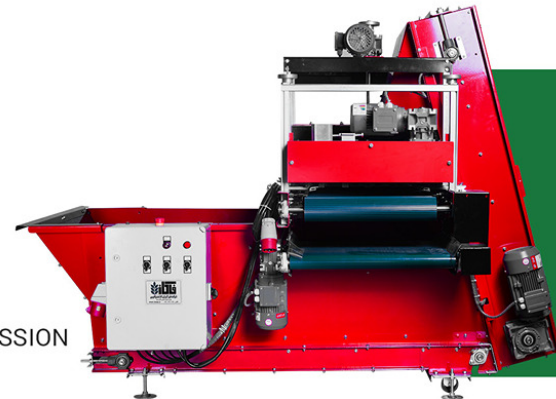
## SEEDER - MODEL N81P NP 91 - NP 811 - NP 80



- ✓ Conveyor belt movement system
- ✓ Programmable puncher system with intelligent control pressure plate
- ✓ Programmable Drum seeder with intelligent controller
- ✓ The zero point sensor starts under the drum and puncher
- ✓ Fixed working speed of 850 trays per hour
- ✓ Programmable for 4 different tray models without the need to change the software under PLC
- ✓ Custom variable speed from 200 to 1400 trays can be installed on this model.

## CONTAINER MODEL: A1610T

- ✓ PVC BELT CONVEYOR TRAY MOVEMENT
- ✓ DOUBLE CHAIN SOIL LIFTER
- ✓ VARIABLE SPEED CONTROL SYSTEM
- ✓ VARIABLE ELEVATOR SPEED CONTROL SYSTEM (INVERTER)
- ✓ 4-BLADE ROTATING TRAY CELL FILLING SYSTEM WITH ADJUSTABLE COMPRESSION
- ✓ VIBRATOR FOR COMPLETE FILLING (CUSTOM)
- ✓ LINEAR BRUSH FOR CLEANING THE SURFACE OF THE TRAY OR ROTATING ACCORDING TO THE ORDER
- ✓ 800 LITER TANK





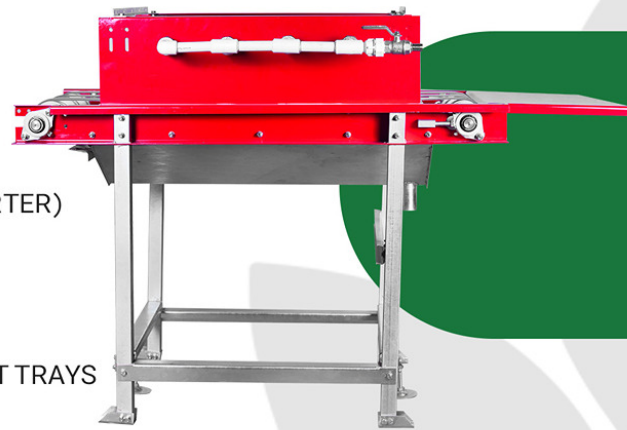
## TRAY COVERING MODEL: KN50

- ✓ CONVEYOR BELT MOVEMENT WITH SPEED CONTROL
- ✓ SUITABLE FOR VERMICULITE  
(COCOPIT AND OTHER MIXTURES ACCORDING TO INSTRUCTIONS)
- ✓ 90 LITER SOIL TANK
- ✓ CONTROL FROM THE SEEDER PANEL



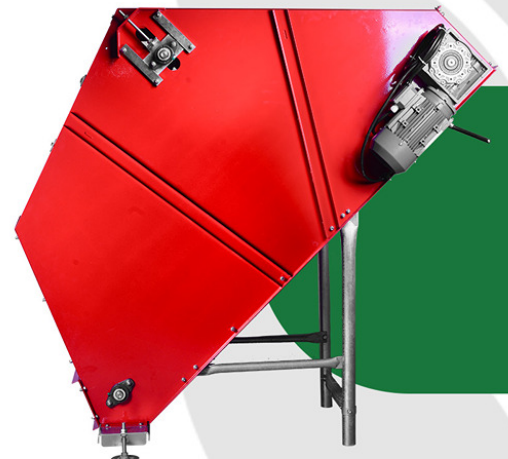
## IRRIGATION TUNNEL MODEL NA50

- ✓ BELT MOVEMENT SYSTEM WITH CONTROLLABLE SPEED (INVERTER)
- ✓ 2 BAR WORKING PRESSURE
- ✓ T-JET NOZZLE SPRAYING SYSTEM
- ✓ TRAY COLLECTION SYSTEM FOR PLASTOFOAM AND RESISTANT TRAYS  
AS CUSTOMIZED



## MIXER MODEL 850L

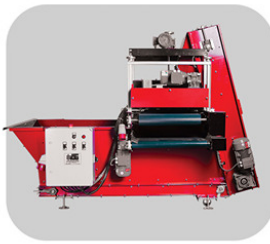
- ✓ CAN BE CONTROLLED FROM THE SEEDER PANEL
- ✓ MIXING CAPACITY 3500L/H
- ✓ DIRECT DISCHARGE INTO THE FILLING TANK OR SEPARATELY
- ✓ MANUAL FEEDING SYSTEM (CUSTOM FEEDING CONVEYOR BELT)
- ✓ 2000L FEEDING SYSTEM (CUSTOM)



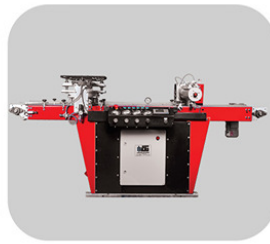
## PRODUCTS:



**MIXER**



**CONTAINER**



**SEEDER**



**TRAY COVERING**



**IRRIGATION TUNNEL**



## **IRRIGATION SYSTEM** **MODEL: SEPIDEH**

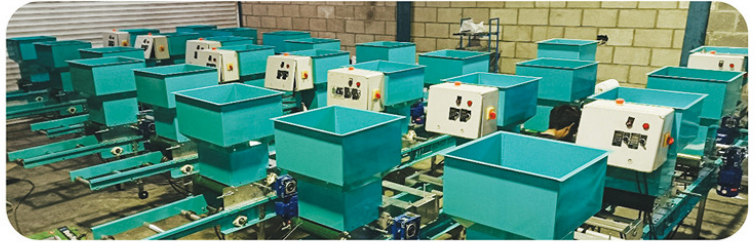
- ✓ Customized double piperail system with high strength and uniform spraying surface
- ✓ The central driving core is driven by a metal wheel with perfect strength and durability
- ✓ The nozzle profile chassis with exclusive double tube and special design
- ✓ Fully uniform irrigation capability of the nozzle with a special design and excellent quality
- ✓ The ability to adjust the height of the canvas from the planting surface
- ✓ Irrigation capability with 0.4 - 0.5 - 0.6 nozzles to adjust the amount of spraying in different products
- ✓ Variable speed and programmable by PLC
- ✓ The possibility of transporting seedlings in the greenhouse due to high weight bearing (custom)
- ✓ Special and unique ability to water several halls with one canvas and transfer the canvas from one hall to other halls
- ✓ Suitable for watering all kinds of seedlings, crops and ornamental flowers

After-sales service: 09180642003  
Website: [www.fakaz.ir](http://www.fakaz.ir)

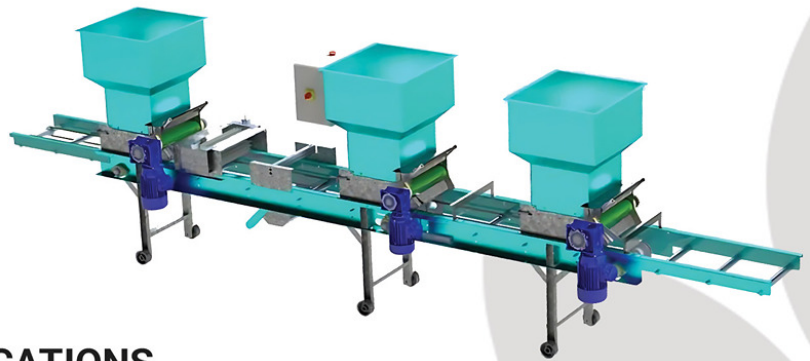
Address: Kermanshah - Harsin Road  
Contact number: 083-91010024-25



## RICE NURSERY SEEDLING MACHINE



Fan avaran kasht zagros Company, with a ten-year history of producing planting equipment in Iran, offers its products under the Fakaz brand. The Rice Nursery Seedling Machine performs four main operations automatically, including: soiling, watering, planting and tray covering. The new and unique design of this seedling bank distinguishes it from all other devices.



### TECHNICAL SPECIFICATIONS:

Maximum variable seeding speed	400 to 1200 trays per hour
Power	1.5 kW
Amount of water consumed	500 liters per hour

- ✓ Independent small seed with variable speed
- ✓ It has a disconnection sensor  
(when the tray is not under the fine seed, seed operation stops.)
- ✓ Cleaning brush
- ✓ Irrigation system with tub to direct excess water outside
- ✓ Valves for regulating soil and seed fall (simple and quick settings)
- ✓ Belt tray movement system without noise and low depreciation
- ✓ Full inverter ✓ single-phase input ✓ Accurate planting of seeds
- ✓ Made of the best materials and alloy with a new and unique design
- ✓ One year warranty and 10 years after-sales service



## Design, construction and consultation of all types of greenhouse structures



Fan Avaran Kasht Zagros Company



**Fan Avaran Kasht Zagros Company started its greenhouse construction activity with world modern Technology since 2017 and succeeded in building several greenhouses in the countries of the region, including Iraq, Kyrgyzstan and Kazakhstan, under the supervision of international inspectors. Also, this company has two sub-sets of greenhouses in Ardabil province and Kermanshah province, which is the greenhouse of Ardabil province with an area of 10 hectares and the greenhouse of Kermanshah province with an area of half a hectare.**

- ✓ Advice on choosing the type of structure based on usage
- ✓ Expert advice regarding greenhouse production with more than 10 years of direct experience in making seedling production equipment
- ✓ Using the best available material and execution plan based on the order, climate and type of use
- ✓ Execution of foundation, headstone and special bow designed in the company for high durability and elegance of execution
- ✓ Implementation of the plan in the shortest possible time
- ✓ More than 15 years of implementation and consulting experience
- ✓ Experience of greenhouse construction in border countries (Iraq, Kyrgyzstan, Pakistan, Armenia, etc.)





Fan Avaran Kasht Zagros Company

## Custom production of planting trays (According to customer needs)



✓ NOEDGE ✓ EDGED

### 91 hole seedling tray

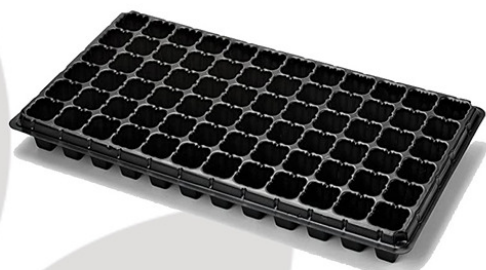
Dimensions: 425\*255

Number of holes: 91(7\*13)

Cell dimensions: 27/16\*43

Volume: 23CC

Weight: 65 GRAMS



✓ NOEDGE ✓ EDGED

### 112 hole seedling tray

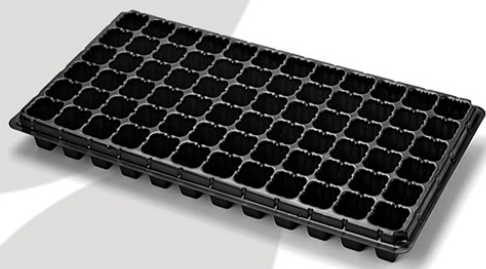
Dimensions: 425\*255

Number of holes: 112(8\*14)

Cell dimensions: 27/15\*43

Volume: 20CC

Weight: 65 AND 75 GRAMS



✓ NOEDGE ✓ EDGED

### 128 hole seedling tray

Dimensions: 425\*255

Number of holes: 128(8\*16)

Cell dimensions: 23/10\*37

Volume: 13CC

Weight: 65 AND 75 GRAMS

### Foam Under tray

✓ SPECIAL FOR TRAYS 91-112-128 HOLES

Dimensions: Width 462\*length 746\*height 64mm

- ✓ The best choice from the planting stage to the transfer to the greenhouse
- ✓ Suitable for germinating seeds
- ✓ Easy transportation    ✓ Mechanization
- ✓ 20% increase in planting speed with seedling production line

