



PRODUCTS



Ditch digger machine

In agriculture it is used to transfer water from streams. Ditch digger machine is used to create creeks and also to delve drainage canals.

Uses of Ditch digger machine:

- Building a stream for flood irrigation
- Harvesting root crops such as carrots, potatoes, etc.
- Re-ploughing the soil in which harvesting the crop is done

The types of Ditch digger machine produced by Ayesh Trading Company

- the stationary on the back of tractor ditch digger machine
- Ditch digger machine on the back of sliding tractor
- Ordinary ditch digger machine
- stationary double sided ditch digger machine
- heavy duty double sided wing ditch digger machine
- Small duty double sided wing ditch digger machine





Cultivator

Cultivator is one of the secondary tillage machines. Cultivators mix surface soils that are broken and decomposed in the early tillage stage in a circular motion, but do not plough the soil, but use soft tillage for aeration between the soil layers as well as to increase water and rain absorption.

Types of cultivators of Ayesh Company

- Logan AML6-D5, 5 horsepower cultivator
- crank Horse Cultivator - AMC6-G6 gearbox
AMC2-D6E, 7 hp diesel cultivator
- 12 horsepower AMC2-D11EB diesel cultivator
- WM600 crank Cultivator Tyler
- WM900 crank Cultivator Tyler

Seed planter machine

seed planter machine is to save time and costs in planting, seeds of vegetables, tomatoes, flowers and so on. This provides convenience with reasonable price and easy-to-use tool has become a great tool for planting vegetable seedlings and flower. The operation of the device is such that the operator can perform the planting operation without the need to bend. This tool is made with the highest quality standards in terms of materials and assembly.

Benefits of Using seed planter machine:

- reduction in labor costs due to the need for less labor at seed planter time
- Great time savings due to higher cultivation speed
- More control and accuracy to reduce physical pressure during cultivation
- Reduction of seedling damage
- Can be used on special fields
- Lightweight and portable
- Reasonable price and high quality
- Easy maintenance and repair in case of damage



Types of seed planter machine of Ayesh Company

Three-row seed planter machine of Ayesh

Minimum planting depth: 3 cm

Maximum planting depth: 11 cm

Minimum row spacing: 50 cm

Maximum row spacing: 80 cm

Minimum transplant distance: 15 cm

Maximum planting distance: 110 cm

Row spacing control: Yes

Planting distance control: Yes

Number of operators: 3 people

Two-row seed planter machine of Ayesh

Minimum planting depth: 3 cm

Maximum planting depth: 11 cm

Minimum row spacing: 30 cm

Maximum row spacing: 50 cm

Minimum transplant distance: 15 cm

Maximum planting distance: 110 cm

Row spacing control: Yes

Planting distance control: Yes

Number of operators: 2 people

One-row seed planter machine of Ayesh

Minimum transplant distance: 10 cm

Maximum planting distance: 110 cm

Row spacing control: Yes

Planting distance control: Yes

Number of operators: 1 people

Plough

A plough is a tool in agriculture for digging, turning and ploughing the ground, which has a blade or heavy steel blades that are pulled on the ground by animals, especially cows. These tools are tied to the neck of a cow or a tractor with a point and turned inwards ploughing the ground.

Types of ploughs of Ayesh Company

Double sided plough 3 miners

Number of miners (branches): 3

Adjustable working width: Yes

Minimum working depth: 30 cm





Double sided plough 4 wheeled miners

Number of miners (branches): 4

Minimum working depth: 35 cm

Adjustable working width: Yes

Plough 3 miner cans

Number of miners (branches): 3

Adjustable working width: Yes

Minimum working width: 90 cm

Working width: 105 cm

Plough 3 miner cans

Number of miners (branches): 5

Adjustable working width: Yes

Minimum working width: 120 cm

Working width: 180 cm

Plough 3 miner belts

Adjustable working width: Yes

Minimum working width: 90 cm

Working width: 105 cm

Hole digger machine

The hole digger is a device that has a drill which after turning on, its drill starts to rotate and dig up the ground. Hole diggers are used for digging all kinds of pits and holes for planting seedlings, trees, installing electric poles, holes for pouring manure, installing fence bases and other items.

Types of hole digger in Ayesh Company

Hole digger machine with 52 cc motor with 20 drills

Fuel consumption: gasoline

Fuel consumption 51.6 liters

Engine power: 1.95 hp

Dimensions: 76 * 22 * 22 cm

Hole digger machine 63 with 20 cm drill

Fuel consumption: a mixture of oil and gasoline

Drill diameter: 35 cm

Blade length: 60 cm

Engine type: two-stroke

Start type: Handley

Mixing ratio of gasoline to oil per liter of gasoline 10 cc of two-stroke oil





Heavy and light disc harrow

Heavy disc harrow

This tool is used for crushing lump caused by ploughing and creating a surface and preparing a seedbed. It is also used as a tool for first tillage.

Light disc harrow

Used as secondary tillage implements for breaking lumps due to weed destroying and preparing the seedbed in light soils. This tool is also used to mix soil with fertilizer.

Types of disc harrow of Ayesh Company

28-wheeled tandem traction disc harrow

Disc type: tandem

Blade diameter: 20 inches

Number of blades: 28 blades

Maximum width: 2.35 meters

Distance between blades: 17 cm

depth: 19 cm

Wheel: Yes

Number of bearings: 8]





Offset Disc 24 Wheeled Blades Heavy Offset Disc (Wheeled)

Disc Type: Offset

Blade diameter: 22 inches

Number of blades: 24 blades

Maximum width: 2.5 meters

Distance between blades: 19 cm

depth: 19 cm

Wheel: Yes

Using 8 grease bearings, each with 2 bearings and 4 bowls.

Association of blades made of 4-sided steel 40 * 40 mm

Ability to adjust the angle of the blade assembly very easily

Using from the hydraulic system to adjust the height of the wheels

The system is connected to the two-way hydraulic jack and shock absorber in the system.

Grass cutting machine

Grass cutting machine and grass lathes are tools for pruning and cutting plants and replacing traditional tools such as sickles and hand saws. Working with this tool is very simple and greatly increases work efficiency. These tools are generally used to the extent that it is not possible to use harvesters and mowers 2-wheeled.





Threshing machine

The threshing machine is collected the remaining fodder from the harvest machines by means of a special pickup and roller that is in front of the machine and then enters the threshing chamber, crushed straw passed through from the granularity and after passing from the sieve by the fan is directed to threshing filtration container. After separating the straw dust by a number to the twin outlet and from there to inside the straw's bag is directed.

Threshing machine of Ayesh

Capacity: 1400 - 2000 per hour

Width of straw shredder compartment: 120 cm

Harvest width: 165 cm

Number of hammer blades: 48

It has the ability to store straw inside the truck as a tug, and this change in performance is easily made possible by changing the position of the two valves designed for this purpose.

Chisel

Chisel becomes one of the tillage machines that is responsible for ploughing in water and rainfed fields. This machine has less tensile strength (about half of the required tensile strength per meter of working width) compared to reversible ploughs with the same working depth. Chisels are often used to break the hard soil layer created by tractor traffic and the annual ploughing of reversible ploughs.

Chisel 7 Miner of Ayesh

Work width (centimeter): 190

Number of miners: 7

Plough depth (cm): 30

Distance between branches (centimeter): 55





Grain Lifting Sucker machine

To collect straw with traditional methods, the shredded straw and alfalfa crop is poured into large sacks with hand tools and loaded onto trucks, a time-consuming and laborious process that also causes people to suffer from lung and vision problems. Using a straw collector machine in a short time and straw could be the load of the truck, for unloading straw that is placed inside the tank of the truck suction pipe that pipe inside the tank is compressed inside the warehouse.

Pneumatic sucker machine for grain wheat, corn, barley and oilseeds of Ayesh

Loading, unloading and moving corn wheat from trucks and trains into silos

Nominal capacity from 5 to 55 tons per hour

Horizontal transmission length from 15 to 35 meters - three-phase motor from 7 to 75 kW - wheeled and portable

Diverse applications in production areas and halls

Ability to connect to PTO tractor output

Rotavator

The rotavator, also known as the rotary tiller, is a type of agricultural machinery used for ploughing and preparing the land for cultivation. The performance of this device is different from ploughs and it cuts and mixes the soil to a certain depth with the operations it performs on the soil. In the plough, the blades move left and right, but in the rotary tiller, the blades rotate.

Ayesh sensor rotavator

Maximum distance from the center of the tractor: 200 cm

Minimum row distance: 300 cm

Maximum row distance: 450 cm





Ayesh ordinary rotavator

The rotavator machine has 48, 42 and 54 blades.

Tillage length: 88 cm

Minimum row distance: 200 cm

Maximum row distance: 223 cm

RS180 sensor rotavator device

Maximum distance from the center of the tractor: 180 cm

Tillage length: 50 cm

Movement course: 50 cm

Minimum row distance: 360 cm

Maximum row distance: 410 cm

Blade length: 20 cm

Distance to ground level: 20 cm

Tillage depth: 21 cm

Seed drill

Seed drill device or linear work machines are machines that sow the seeds of various products in rows at specified intervals, at depth. In these machines, the distance between the rows and the planting depth are determined, but the distance between the seeds is not determined in the row and the distributions are transferred seeds to the channels of the working units with a certain speed.

Seed drill 4 rows of Ayesh

Maximum of the distance between the two rows is 80 cm

The minimum distance between two rows (inner wheel) is 45 cm

Seed tank capacity 100 liters

Fertilizer tank capacity 30 liters

Suitable forward speed 7-5 km / h

Cultivable seeds types of row seeds e.g.: corn, sugar beet, soybean, sunflower, cotton, legumes.





Pneumatic seed drill 6 rows of Ayesh

Number of rows or CNS 6

Distance between rows (cm) 25-90

Seed tank capacity (liters) 30

Pneumatic seed drill 4 rows of Ayesh

Number of rows or CNS 4

Distance between rows (cm) 25-90

Seed tank capacity (liters) 30

