سپز دشت
تولید و تامین کننده ماشین‌های کشاورزی

SABZDASHT
AGRICULTURAL MACHINERY

www.sabzdasht.ir
info@sabzdasht.ir
Sabz Dasht was founded by Jalal Rouzati in 1979 in Isfahan, Iran. It aimed at mechanized planting and harvesting potatoes. For the first time in the country, potato planters and diggers were designed and built with a basic facilities. With enormous effort, row planting of potato was replaced for traditional planting in various parts of the country. This way, the successful application of machinery in planting and harvesting potatoes developed. Step by step over years, the hard path to potato mechanization in Iran was paved. As a result, conditions were provided to increase planting potatoes in the country.

Since then, Sabz Dasht has been successful obtaining various quality certificates and other national honors. It is known as the founder and pioneer in technical collection of planting and harvesting machinery. Maintaining and improving quality, and the trust created among farmers throughout 3 decades of hard work are considered a huge asset by this company.
AB2

Suitable for planting potato on small and medium fields.

- Planting fertilizer on other sides and under the tubers simultaneously.

- Designed for potatoes up to 7.5 cm in size and 15 cm in diameter.

- Suitable for planting potatoes on small and medium fields.

- Placing fertilizer on other sides and under the tubers simultaneously.

- Compatible with various types of tractor attachments.

- Designed to handle different types of soil and terrain.

- Easy to operate and maintain.

SABZDASHT
AGRICULTURAL MACHINERY

AB2-90

Quad system
Conventional system
AB2-D50

- For planting tubers with different sizes: small, medium, and large.
- Designed for planting potatoes in orchards, gardens, and large fields.
- Has a width of 40-50 cm.

**Technical data**

<table>
<thead>
<tr>
<th>Item</th>
<th>AB2-D50</th>
<th>AB-D50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows / Ряды ряда</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Row width / Ширина ряда</td>
<td>50-55 cm</td>
<td>50-55 cm</td>
</tr>
<tr>
<td>Row distance / Расстояние между рядами</td>
<td>15-40 cm</td>
<td>15-40 cm</td>
</tr>
<tr>
<td>Tubing / Калибр</td>
<td>0.4 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>Tractor / Трактор</td>
<td>Case IH (New Holland)</td>
<td>Case IH (New Holland)</td>
</tr>
<tr>
<td>Weight / Вес</td>
<td>455 kg</td>
<td>465 kg</td>
</tr>
</tbody>
</table>

**AF2**

- For planting tubers with different sizes: small, medium, and large.
- Designed for planting potatoes in orchards, gardens, and large fields.
- Has a width of 40-50 cm.

**Technical data**

<table>
<thead>
<tr>
<th>Item</th>
<th>AF2</th>
<th>AF-D50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows / Ряды ряда</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Row width / Ширина ряда</td>
<td>50-55 cm</td>
<td>50-55 cm</td>
</tr>
<tr>
<td>Row distance / Расстояние между рядами</td>
<td>15-40 cm</td>
<td>15-40 cm</td>
</tr>
<tr>
<td>Tubing / Калибр</td>
<td>0.4 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>Tractor / Трактор</td>
<td>Case IH (New Holland)</td>
<td>Case IH (New Holland)</td>
</tr>
<tr>
<td>Weight / Вес</td>
<td>315 kg</td>
<td>315 kg</td>
</tr>
</tbody>
</table>
Simple to operate and robust technology enables a high efficiency.

- Equipped with hopper vibration mechanism and specific planting unit is in order to improve precise planting.
- The SP2 is available with following row width: 80, 75 or 90 cm.
- Ridging bodies or shaping board for perfect ridge shaping is available.

- More efficient, effective, energy-saving, and cost-effective.
- Can be mounted to any tractor to fit the customers’ needs.
- Ideal for potato farmers in the region.

### Technical data & Technical specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>SP2</th>
<th>SP2-F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Row width (cm)</td>
<td>16.00 - 40.00</td>
<td>16.00 - 40.00</td>
</tr>
<tr>
<td>Planting distance (Footmeter)</td>
<td>10-40 cm</td>
<td>10-40 cm</td>
</tr>
<tr>
<td>Recommended speed (Row, meter)</td>
<td>3.4 km/h</td>
<td>3.4 km/h</td>
</tr>
<tr>
<td>Transverse power (HP, tractor)</td>
<td>50 HP</td>
<td>90 HP</td>
</tr>
<tr>
<td>Linkage</td>
<td>3 point</td>
<td>3 point</td>
</tr>
<tr>
<td>Working rate (Row, border)</td>
<td>6.4 ha/h</td>
<td>8.4 ha/h</td>
</tr>
<tr>
<td>Seed hopper capacity (Capacity)</td>
<td>200 kg</td>
<td>500 kg</td>
</tr>
<tr>
<td>Fertilizer hopper capacity (Capacity)</td>
<td>450 kg</td>
<td>10 kg</td>
</tr>
<tr>
<td>Dimensions (Length / Width / Height)</td>
<td>2050 x 840 x 1200 mm</td>
<td>2050 x 840 x 1250 mm</td>
</tr>
<tr>
<td>Weight (kg / Net)</td>
<td>1000 kg</td>
<td>1000 kg</td>
</tr>
</tbody>
</table>

*Dimensions and weight are calculated for 75 cm rows width.

...Reasons and weight are calculated for specific row widths.
Ideal for planting potatoes on large farms

AB4

Ideal for planting potatoes on large farms. Laying drip irrigation lines simultaneously helps pass the potatoes in the rows. Equipped with two return wheels. Possesses a shock absorber and an automatic control device for depth adjustment.

SABZDASHT

AGRICULTURAL MACHINERY
Ridge forming

- Crumbling clods and uniforming soil granulation.
- Improving water holding capacity and keeping soil humidity.
- Uniforming rows.
- Colluding and seeding.
- Reducing clods at harvest time.

- Breaking clods and incising agro-technique of the surface.
- Uniforming clods and subsoil granulation.
- Shredding clods.
- Molding ridge.

Full width cultivator

- Homogeneous clods.
- Forming clods.
- Reducing clods at harvest time.
- Breaking clods and incising agro-technique of the surface.
- Uniforming rows.
- Colluding and seeding.
- Reducing clods at harvest time.

<table>
<thead>
<tr>
<th>Technical data</th>
<th>RH75-2</th>
<th>RH75-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Working width</td>
<td>2–75 cm</td>
<td>4–75 cm</td>
</tr>
<tr>
<td>Number of rows</td>
<td>30 (42)*</td>
<td>50 (62)*</td>
</tr>
<tr>
<td>Tractor power</td>
<td>170 (85)* hp</td>
<td>119 hp</td>
</tr>
<tr>
<td>Linkage Type</td>
<td>3 point</td>
<td>3 point</td>
</tr>
<tr>
<td>Lift capacity</td>
<td>1000 kg</td>
<td>1000 kg</td>
</tr>
<tr>
<td>Disc width</td>
<td>210–310 cm</td>
<td>210–342 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>875–955 kg</td>
<td>1470 (1590) kg</td>
</tr>
</tbody>
</table>

*Complete time during forming
CULTIVATOR, FERTILIZER, FURROWER

- Usable for potato farms (CF5).
- Usable for sugar beet, potato, maize, cotton and all row crop farms (CF5, CF6).
- Usable for applying cultivation, weeding, fertilizer and hilling at the same time.
- Minimal unique distributor system.

- Precision for cultivation (CF).
- Precision for hilling, weeding, planter and all kind of cultivation system, reducing the demand and improving the quality of the crop.

- Technical data / 1 tesc-e-one machine:

<table>
<thead>
<tr>
<th></th>
<th>CF3</th>
<th>CF5</th>
<th>CF6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows / Количество строк</td>
<td>3</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Row width / Ширина ряда</td>
<td>65-75 cm</td>
<td>75 cm</td>
<td>50 cm</td>
</tr>
<tr>
<td>Tractor power (min) / Мощность трактора (мин)</td>
<td>40 hp</td>
<td>65 hp</td>
<td>65 hp</td>
</tr>
<tr>
<td>Linkage / Сцепление</td>
<td>2 point</td>
<td>3 point</td>
<td>3 point</td>
</tr>
<tr>
<td>Working rate (rpm) / Частота вращения, обороты в мин</td>
<td>0.5 kph</td>
<td>1 kph</td>
<td>1 kph</td>
</tr>
<tr>
<td>Fertilizer hopper capacity / Максимальная емкость магазина удобрений</td>
<td>1200 l</td>
<td>1200 l</td>
<td>1200 l</td>
</tr>
<tr>
<td>Dimensions / Размеры</td>
<td>195×114×127 cm</td>
<td>353×112×127 cm</td>
<td>405×115×120 cm</td>
</tr>
<tr>
<td>Weight / Вес</td>
<td>410 kg</td>
<td>575 kg</td>
<td>620 kg</td>
</tr>
</tbody>
</table>

CF5 SABZDASHT AGRICULTURAL MACHINERY

CF6
Ridding Hiller

Two-row ridding hiller is ideal for potato farms.

- Reducing harvesting costs and increasing the capacity and speed of harvesting.
- With haulm removal, reduce the damage to crop during harvesting.
- Stopping potato growth for seed producers in premature harvesting.
- Saving the time of the workers during the harvest.

Specifications:

- **Number of rows**: 2
- **Working width**: 90 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:

- **length**: 4,415 mm
- **width**: 2,350 mm
- **height**: 1,410 mm

Specifications:

- **Number of rows**: 2
- **Working width**: 100 cm
- **Tractive power (hp)**: 75 hp
- **Weight**: 4,300 kg

Technical data / Dimensions:
• Useable for fertilization and preparing seed bed before sowing.
• Useable for fertilization, hilling and weeding of potato farms after sowing.
• Fertilizer hopper can be added to the machine in order to spread manure and fertilizer (FS-F).
• Equipped with 1400 liter manure hopper.
• Equipped with a conveyor mechanism for spreading manure.
• Capable of laying drip irrigation tapes with bed former and fertilization simultaneously.

Устройство очень полезно. Его используют для подготовки почвы перед посевом, а также после посева на картофельных и посевных участках.

В устройство для опрыскивания уборки семян размещаются в ряд.

В емкости 1400 литров удобрения.

Устройство оснащено лентой для опрыскивания.

**Fertilizer Spreader**

**FS-50**

- **Quad Planting**
- **Ordinary Planting**

**FS-90-F**

- **Parried Row Planting**

**Fertilizer Spreader**

- **FS-90**
- **FS-75**

**SABZDASHT AGRICULTURAL MACHINERY**

**FS**
**SE150**

- **Equipped with steel chain elevator.**
- **Ideal for big and small farms.**
- **Equipped with a long elevator to prevent mechanical damage to crops and effective soil turning.**
- **Strong enough to operate on heavy soil.**
- **Equipped with clutch to protect transmission system.**

**Technical data / Technische gegevens**

<table>
<thead>
<tr>
<th></th>
<th>SE150</th>
<th>SE180</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Working width</td>
<td>150 cm</td>
<td>150 cm</td>
</tr>
<tr>
<td>Tractor power (hp)</td>
<td>60 hp</td>
<td>75 hp</td>
</tr>
<tr>
<td>Linkage</td>
<td>3 point</td>
<td>3 point</td>
</tr>
<tr>
<td>Weight</td>
<td>65 kg</td>
<td>90 kg</td>
</tr>
<tr>
<td>PTO shaft</td>
<td>540 rpm</td>
<td>540 rpm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>314x130x120 cm</td>
<td>356x200x120 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>69 kg</td>
<td>78 kg</td>
</tr>
</tbody>
</table>

**RE150-2**

- **Equipped with high strong European rubber elevators.**
- **Equipped with two distinct elevators for sift and effective and accurate harvesting.**
- **Strong enough to operate on heavy soil.**
- **Equipped with leveling roller for easy crop collecting.**
- **It is possible to install double rollers for crumbling and reducing clods (option).**

**Technical data / Technische gegevens**

<table>
<thead>
<tr>
<th></th>
<th>RE150-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of rows</td>
<td>2-3 rows</td>
</tr>
<tr>
<td>Working width</td>
<td>150 cm</td>
</tr>
<tr>
<td>Tractor power (hp)</td>
<td>60 hp</td>
</tr>
<tr>
<td>Linkage</td>
<td>3 point</td>
</tr>
<tr>
<td>Weight</td>
<td>65 kg</td>
</tr>
<tr>
<td>PTO shaft</td>
<td>540 rpm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>254x180x120 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>720 kg</td>
</tr>
</tbody>
</table>
Rel

- Equipped with two distinct elevators for effective soft and accurate harvesting.

- Equipped with strong European rubber elevators.

- Hydraulically leveling roller for easy crop collecting.

- Increasing harvest capacity by minimizing potato losses.

- Diabro rollers for crumbling and reducing clods.

- Equipped with swivel roller.

- REL 1500 for row width of 70-75 cm.

- REL 1700 for now width of 90 cm.

- Maximum area of suctioning equipment for efficient vertical displacement in deep-ridged soils and grass.

- Advanced and easy to handle equipment for deep plowing of the root.

- Comfort in traction whereby the machine is not to be turned or maneuvered.

- The body of the machine is suitable for the type of taproot to be cultivated.

- The steering box is designed for ease of use.

- REL 1500 for working width 70-75 cm.

- REL 1700 for working width 90 cm.
**SE75**

**Technical data**

- **Number of rows** / **No. of rows**
  - 1

- **Working width** / **Working area**
  - 50 cm

- **Tractive power (tlk) / Tractive power (hp)**
  - 65 hp

- **Linkage / Coupling**
  - 3 point

- **Working rate average / Average working rate**
  - 0.2 ha/hour

- **Pto shaft / Pto shaft power**
  - 540 rpm

- **Dimensions / Dimensions**
  - 2400 x 1400 x 220 cm

- **Weight average / Average weight**
  - 470 kg

---

**CONION DIGGER**

**Technical data**

- **Working width / Working area**
  - 50 cm

- **Tractive power (tlk) / Tractive power (hp)**
  - 70 hp

- **Linkage / Coupling**
  - 2 point

- **Working rate average / Average working rate**
  - 0.4 ha/hour

- **Pto shaft / Pto shaft power**
  - 540 rpm

- **Dimensions / Dimensions**
  - 2710 x 1240 x 220 cm

- **Weight average / Average weight**
  - 680 kg

---

**H-RE 150-1**

- Equipped with high strength European rubber elevators.
- Equipped with a long elevator to prevent mechanical damage to crops and soil erosion.
- Strong enough to operate on heavy soils.
- Equipped with clutch to protect transmission system.
- Suitable for handling muck and all types of crops.
- Equipped with a long elevator to prevent mechanical damage to crops and soil erosion.
- Strong enough to operate on heavy soils.
- Equipped with clutch to protect transmission system.
- Effective for handling different types of crops, including muck crops, and all types of crops.
- Suitable for handling muck and all types of crops.
- Equipped with a long elevator to prevent mechanical damage to crops and soil erosion.
- Strong enough to operate on heavy soils.
- Equipped with clutch to protect transmission system.
**G5000**

- **Potato Grader**
- **Technical data**
  - **Elevator height / Max elevation**: 355 mm
  - **Power equipment / Power consumption**: 220V/60V-50Hz/1 Phase 1ph. A
  - **Number of grades / Max capacity**: 4 grades / 4 ton
  - **Dimensions / Overall size**: 620 x 115 x 210 cm

**SABZDASHT AGRICULTURAL MACHINERY**

---

**Garlic Planter**

- **Capabilities**
  - Capable of planting 8 rows of garlic with a spacing of 22 cm.
  - Suitable for planting onion, garlic and some other similar plants.
  - Easy adjustment of seed distance on rows.
  - Capable of mechanized harvesting of crops by harvester.

**Technical data**

- **Number of rows / Seed distance**: 8 rows / 22 cm
- **Number of units / Seed capacity**: 1
- **Dimensions / Overall size**: 620 x 115 x 210 cm

**SABZDASHT AGRICULTURAL MACHINERY**
سازندگی: سازندگی دانشگاه علم و صنعت ایران

با کیفیت اعتماد خلق می‌کنیم...

با سلامتی و سیاست‌های جامعه‌نیز، دانشگاه علم و صنعت ایران، مسئولیت‌های خود را بر عهده دارد که شامل کیفیت فضای آموزش، اجرای سیاست‌های قانونی و شفافیت در امور داخلی و خارجی است. به‌طور کلی، هدف اصلی سازندگی دانشگاه علم و صنعت ایران برای ایجاد یک محیط آموزشی بهتر و توانمندی‌بخشان برای افراد و جامعه است.

این سازندگی برای اولین بار در سال ۱۳۷۷ در دانشگاه علم و صنعت ایران افتتاح شد و سپس در سال‌های بعد به دستور سازمان جهانی برای آموزش و پرورش (برای آموزش و پرورش) و سازمان جهانی سازمان‌دهی (سازمان سازمان) به کار رفت.

سازندگی دانشگاه علم و صنعت ایران در طول سال‌های گذشته، سیاست‌های مختلفی را اجرا کرده و با همکاری سازمان‌های مربوطه، به دست آورده است. این سازندگی با همکاری سازمان‌های مختلفی از جمله سازمان ملی بهداشت و سازمان همکاری‌ها در تلاش برای افزایش کیفیت فضای آموزشی و بهبود شرایط کاری است.