

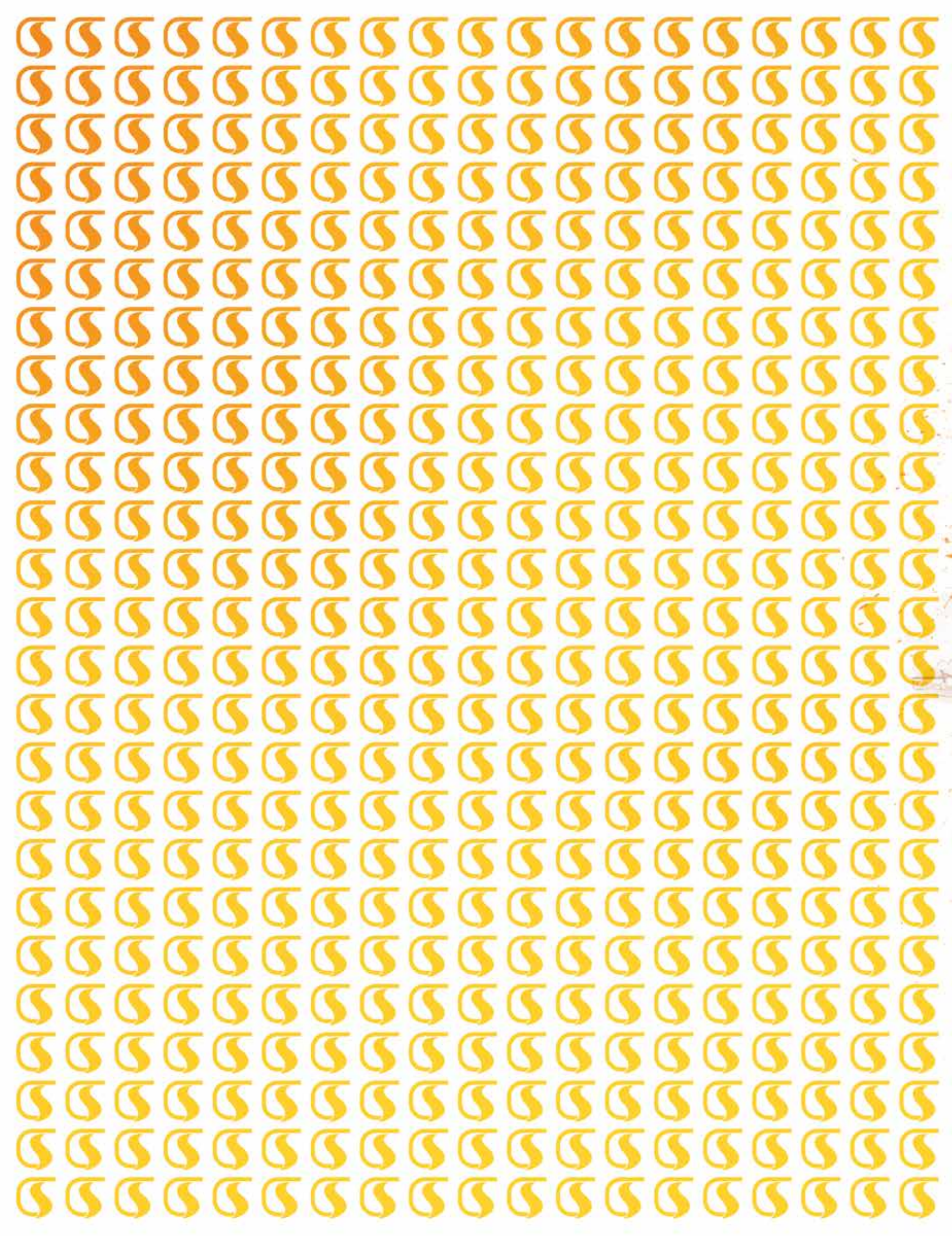


EN



**STRONG**  
**DURABLE**  
**QUALITY**









**SARIÇELİK®**  
STRONG DURABLE QUALITY



**IN EVERY LIFE SPACE  
WE CREATE BENEFITS  
FOR ENTERPRISES**

# WE ARE HERE TO ACHIEVE THE IMPOSSIBLE.

Since the day we started, we continue our journey by manufacturing machinery in the **MINING, CONSTRUCTION and INDUSTRIAL** facility areas confidently and determinedly, and without compromising our values that carried Sariçelik Brand to being a global brand.



With the years of experience that I gained over time, SARIÇELİK brand has become today the leading organization of its sector in Turkey.

At this point, this great success is a product of being able to read the future accurately. The products that we have manufactured in the process have turned into values, which increase our awareness in both national and international markets.

Based on this awareness, we will take the steps necessary for keeping satisfaction of our national and international customers at the highest level and always staying at the top, and continue to manufacture more technological and quality products.

When we look back, with our management approach considering the future, we are aiming at sustaining this success, which is not easy to obtain, for years, carrying it even further and moving our success that we have achieved on our march to the top forward. I owe a debt of gratitude to everyone who contributed to the brand value of Sariçelik, and send my love and respect.

## **Süleyman SARI**

Chairman of the board



# MISSION



Targeting use of the highest levels of science and technology with the ethics of universal values, offering our personal accumulations to our customers as the best quality service beyond the expectations of them and on the desired deadlines.

# VISION



Obtaining quality and reliable products with technology.

Constantly monitoring innovations, and designing and producing them at the same time.

Meeting our customers' expectations.

In line with the customer satisfaction, continue offering our products and services in the best way.

Ensuring our sustainability among the leading organizations of our sector.







## OUR CORPORATE VALUES

### ■ PIONEERING INNOVATIONS

We develop new methods to increase our effectiveness in the national and international markets, use the opportunities, solve the problems and strive to achieve excellence.

### ■ QUALITY PRODUCT QUALITY SERVICE

With the total quality approach, we offer the best product and services to our customers in the best conditions.

### ■ RELIABILITY

We act consistent in what we say and what we do. Mutual satisfaction is at the focus of all our activities.

### ■ SOCIALLY RESPONSIBLE

With our credibility, integrity and good communication skills, we try to add value to the society within the context of awareness of social responsibility.

### ■ CONTINUOUS IMPROVEMENT

Based on customer satisfaction principle, we care about research and development, monitor and apply advanced technology, train our employees, support their personal and team works and continuously improve our targets.







# RIGHT SERVICE, RELIABLE QUALITY, CONTINUOUS DEVELOPMENT

## SARIÇELİK

Product Design Procedure under ISO-9001/2008 specifies the works under R&D activities, regulates the works and assures design quality. In this context, SARIÇELİK continuously leads in terms of bringing new products to the industry in our country with the unique products created by its brand. The products developed by the R&D efforts have achieved success in competition in the international market.

Today, our company investing in R&D works obtains patent and utility model registrations to secure its works and prevent unfair competition. Any R&D design work we carry out as SARIÇELİK brand is registered.

Registrations of ongoing works of our new products are also planned. We understand expectations of the customer in the best way and design the right machine and product, which is the exact value for its money. We design and produce all our products in the quality to be used for many years. We understand your business and we are committed to offer affordable solutions according to your needs.

Thanks to our performance-oriented products, which are the category leaders in quality performance, we are increasingly preferred. We are an advantageous team in project management. We trust our products and manufacturing standards. Carefully listening to your needs and requests, we are able to rapidly respond to your specific needs. In all years we provide services, our customers' satisfaction has been our best reference. The products, of which the product file is prepared, Patent, Utility Model and registrations are made, catalog, user manuals are ready and international product approvals (CE, etc.) are obtained, to included in the manufacturing schedule by the decision of mass production.



TS EN ISO 9001:2008  
01 100 901963



BS OHSAS 18001:2007  
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• BULGARIA

• DUBAI

• KAZAKHSTAN

• OMAN

• GEORGIA

• TANZANIA

• TURKEY



**Carry facilities of  
the future with us to  
new generations.**



# OUR SALES AND MARKETING POLICY



SARIÇELİK brand responds to expectations of our customers before and after sales by its equipped, innovative and experienced team, who adopts our mission and vision as a philosophy.

It aims at offering quality services in accordance with the needs of our customers in the national and international markets.

Sales and Marketing team of Sarıçelik brand aims to reach our customers fast and directly by using technology in the current era effectively. We have an organizational network representing our company in different languages in the international arena.

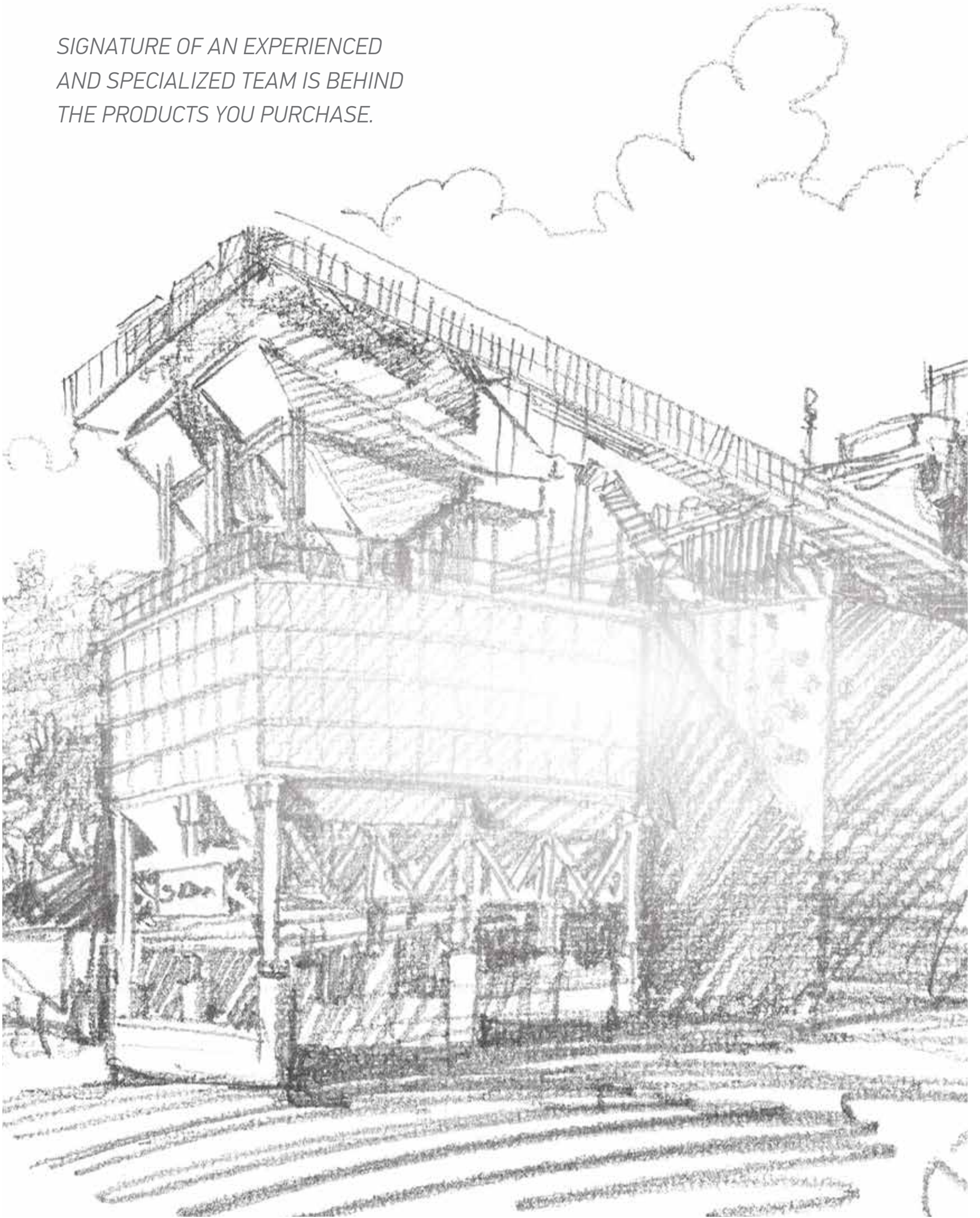
With its domestic and overseas customer portfolio, Sarıçelik brand aims customer satisfaction by being reliable and supportive partner.

**YOU ARE IN THE  
RIGHT PLACE FOR  
TROUBLE-FREE  
INTERCONTINENTAL  
SERVICES**





*SIGNATURE OF AN EXPERIENCED  
AND SPECIALIZED TEAM IS BEHIND  
THE PRODUCTS YOU PURCHASE.*



# PRIVATE SOLUTIONS FOR YOU PROJECT



**SARIÇELİK brand works with a manufacturing infrastructure capable of designs specific to each project and manufacturing products that feature being the first and only, and with the understanding of an innovative engineering.**

As Sariçelik brand, we analyze your needs. Then our project team creates the right solution for you. By this way, you have a production in which all your requirements are met. Don't let thousands of details to be decided in your project worry you. You can safely hand over your project to us.







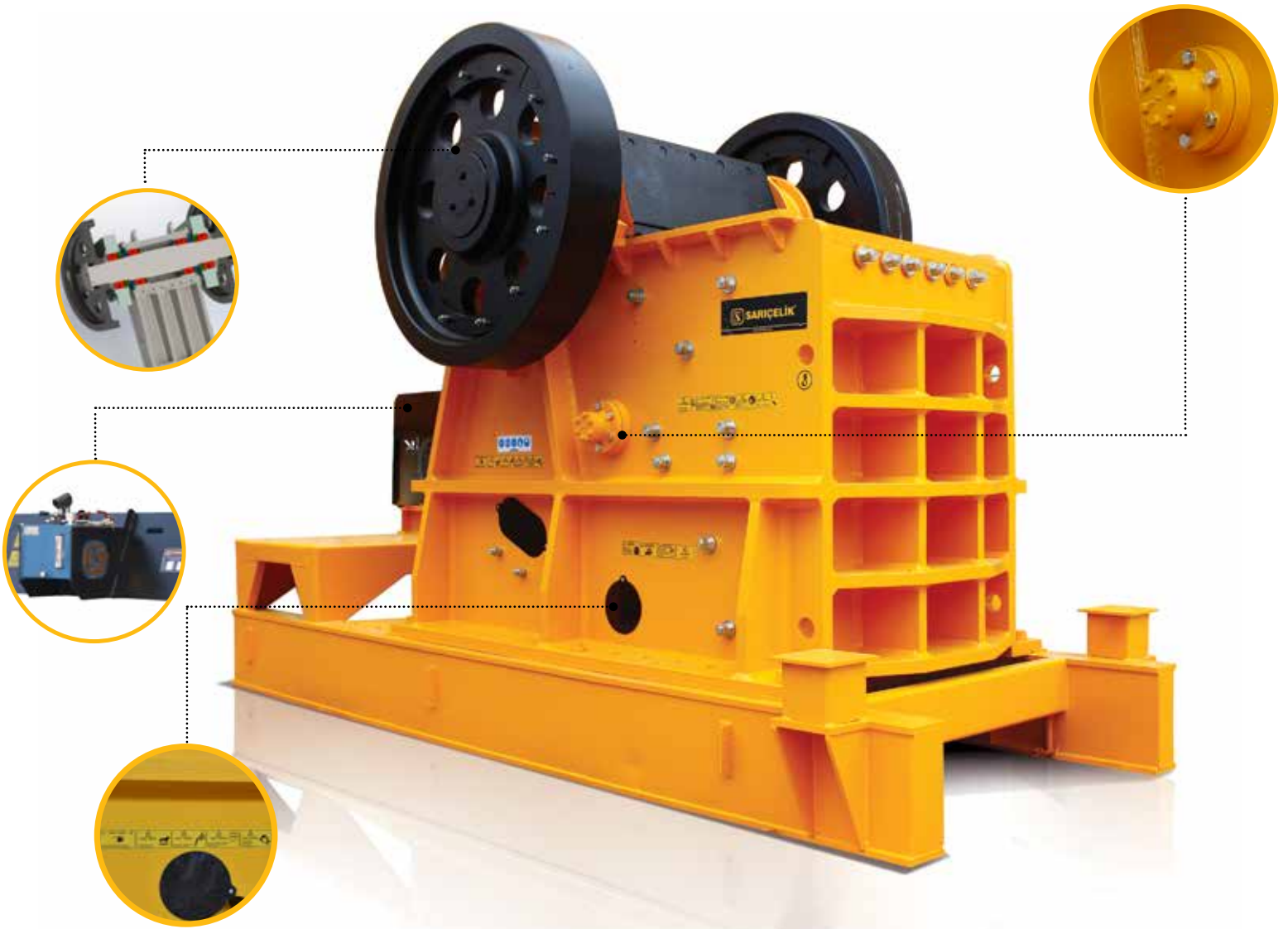
# CRUSHERS



Our crushers produced to meet the needs of quarries, mining and industrial facilities have a wide variety in accordance with the capacity, hardness and dimension of the material to be broken. Our crushers produced under 3 main groups, namely Primary (Primer), Secondary (Sekonder) and Tertiary (Tersiyer), have many diversities in the crushing groups. These groups are used for crushing in many grades from 1000 mm in size to below 1 mm. Our crushers designed as a result of advanced engineering studies are offered with high resistance, quality material, first class workmanship, equipment for ease of use (automatic lubrication, hydraulic control systems, etc.) and SARIÇELİK guarantee.







# PRIMARY JAW CRUSHERS

Primary Jaw Crushers produced by SARIÇELİK brand are designed for intensive and high-capacity working conditions. The machine works synchronized with the Bunker and Feeder in the Crushing, Screening, Washing and Stocking facilities. This product is used as the Main Crusher (Primary) on the mineral structures with product hardness above 3.



## STRONG DURABLE QUALITY

All components used in manufacturing Jaw Crushers are controlled products that are produced considering the reports during the design and implementation process.

Reliability of our products manufactured in machine production is the experience of specific analysis and reports in the treatment processes. Required spare parts of our machines are available in our stocks.

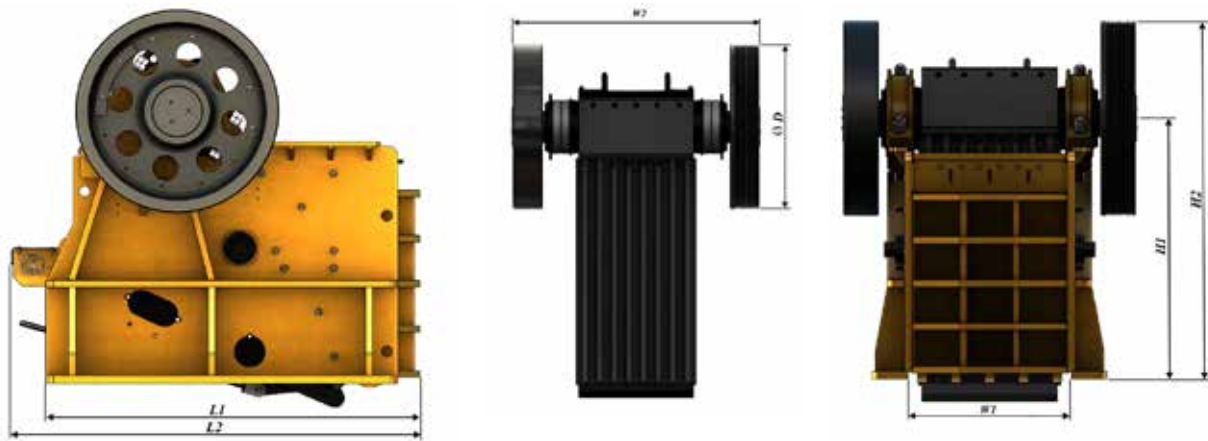
Due to this infrastructure, you will have a performance not giving a chance to your competitor. Wearing parts are designed to provide high performance.

As SARIÇELİK brand, we optimized every small detail to ensure high performance and reliability. SARIÇELİK jaw crushers are praised by its users for its reassuring strong design.

One-piece main body made of tension-free sheet metal is resistant to high crushing pressure.

Jaw settings and joint plate changes are made with the help of the hydraulic system.

Upon request, automatic lubrication system can be applied.



### Dimensions of the Machine

| MODEL   | H1   | H2   | L1   | L2   | W1   | W2   | øD   |
|---------|------|------|------|------|------|------|------|
| PCK 90  | 1600 | 2200 | 2270 | 2450 | 975  | 2138 | 1200 |
| PCK 110 | 2230 | 3030 | 3100 | 3200 | 1155 | 2507 | 1600 |
| PCK 140 | 2478 | 3400 | 3400 | 3650 | 1480 | 2772 | 1845 |

### Technical Specifications

| MODEL   | Inlet (mm) | Flywheel Speed (rpm) | Engine Power (kW) | Max. Jaw Opening (mm) | Weight(kg) |
|---------|------------|----------------------|-------------------|-----------------------|------------|
| PCK 90  | 650x915    | 270                  | 110               | 150                   | 16000      |
| PCK 110 | 850x1075   | 220                  | 132               | 200                   | 37000      |
| PCK 140 | 1100x1420  | 220                  | 160               | 350                   | 48250      |

### Capacity values depending on the jaw opening

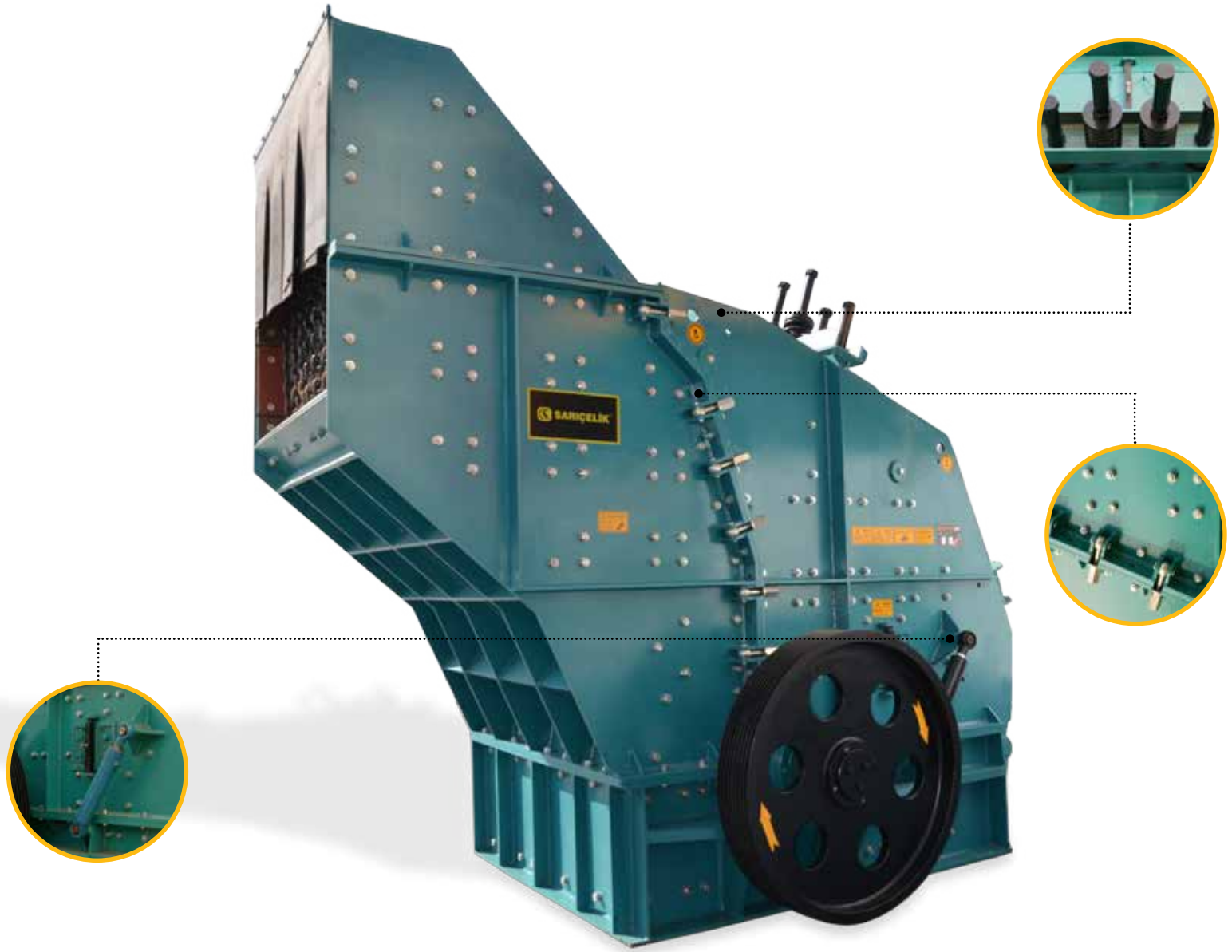
| MODEL   | Jaw Opening (mm) |        |         |         |         |         |         |         |
|---------|------------------|--------|---------|---------|---------|---------|---------|---------|
|         | 50               | 75     | 100     | 125     | 150     | 200     | 275     | 350     |
| PCK 90  | 50-80            | 70-100 | 90-135  |         | 140-195 |         |         |         |
| PCK 110 |                  |        | 100-150 | 150-210 | 190-260 | 250-340 |         |         |
| PCK 140 |                  |        |         |         | 270-330 | 250-410 | 450-500 | 500-700 |

The capacity figures given in the table above are approximate values. These values are calculated in a granite crushing process with bulk density and maximum size of 1600 kg/m<sup>3</sup> (100 lbs/ft<sup>3</sup>). Capacity depends on feeding size, feasibility of the material, jaw opening, dirt and humidity degree of the material and type of jaw plates. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.

### Processes you can apply:

- Copper Mines
- Iron Mines
- Crushing Iron Dross
- Chrome Mines
- Granite Mines
- Opal Mines
- Basalt Mines
- Mines of mountain sand with high percentage of silica
- Stream Beds





# PRIMARY IMPACT CRUSHERS

Sarıçelik PDK Series Primary Impact Crushers ensure breaking less abrasive materials with medium hardness at high downsizing ratios. It is possible to reduce a stone of ~1000 mm in size to 70 mm.



## STRONG DURABLE QUALITY

Primary Impact Crusher has a very high crushing speed and used as the main stone crusher. It is produced for medium hardness and less abrasive stones. It is a rotor type crusher with very high reduction and cubical ratio. Thanks to the special alloyed pallets and crushing plates, Primary Impact Crushers can be preferred for crushing large sized stones. Entire setup system and body opening mechanism of our Primary Impact Crusher Primer can be handled easily with the hydraulic

power unit. We produce the crushers as Mobile Primary Impact Crusher and Fixed Primary Impact Crusher.

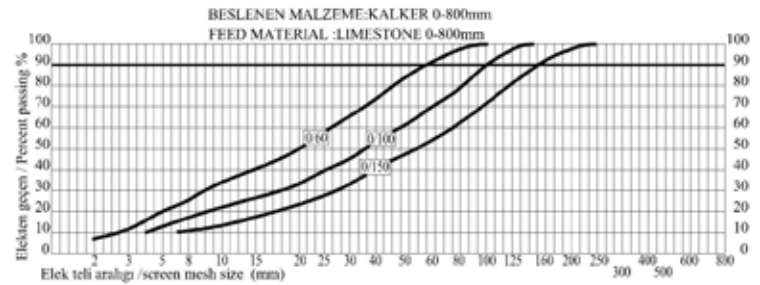
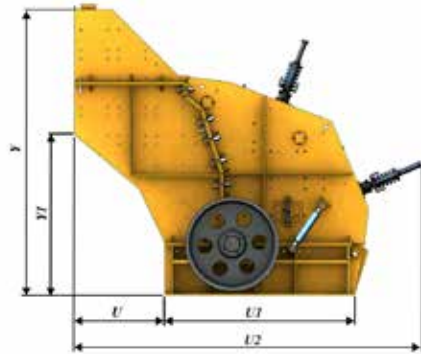
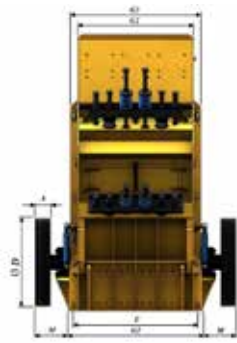
The distance between the crusher flappers and rotor can be adjusted with the help of hydraulic cylinders and dimension of the output product can be controlled easily.

Varying ways of connection and geometrical change made on the rotor allow the rotor to break comfortably at low speeds and safely at high speeds.

With the design change in the inlet, stone jam rate seen in equivalent machines is minimized.

### Main Features of Primary Impact Crushers:

- High capacity
- High reduction ratio
- Production of highly fine material
- Cubical product
- Ease of maintenance



### Main Dimensions

| MODEL   | E    | G1   | G2   | G3   | ØD   | A   | M   | Y    | Y1   | U    | U1   | U2   | Weight (kg) |
|---------|------|------|------|------|------|-----|-----|------|------|------|------|------|-------------|
| PDK 150 | 1800 | 1900 | 1640 | 1840 | 1260 | 212 | 466 | 3727 | 2198 | 1217 | 2305 | 4656 | 27000       |
| PDK 130 | 1600 | 1700 | 1440 | 1640 | 1260 | 212 | 466 | 3727 | 2198 | 1217 | 2305 | 4656 | 20000       |
| PDK 110 | 1400 | 1430 | 1504 | 1200 | 1260 | 212 | 466 | 3727 | 2198 | 1217 | 2305 | 4656 | 17000       |

### Technical Specifications

| MODEL   | Inlet     | Rotor Speed (rpm) | Rotor Width (mm) | Max Feed (mm) | Number of Rotor Pallets | Engine Power (kW) | Max. Capacity (ton/hour) |
|---------|-----------|-------------------|------------------|---------------|-------------------------|-------------------|--------------------------|
| PDK 150 | 1540-1560 | 410-650           | Ø 1380-1500      | 1000          | 4                       | 2x160             | 500-600                  |
| PDK 130 | 1340-1460 | 410-650           | Ø 1380-1300      | 800           | 4                       | 2x132             | 300-350                  |
| PDK 110 | 1140-1260 | 410-650           | Ø 1380-1000      | 700           | 4                       | 2x110             | 200-250                  |

### Technical Specifications

| MODEL   | Max. Feeding Size (mm) | Crushed Quantity (t/s) |         |         |          |
|---------|------------------------|------------------------|---------|---------|----------|
|         |                        | e=20 mm                | e=30mm  | e=60 mm | e=100 mm |
| PDK 150 | 1000                   |                        | 210-280 | 380-480 | 450-650  |
| PDK 130 | 800                    | 50-90                  | 115-170 | 160-280 | 280-420  |
| PDK 110 | 700                    | 50-70                  | 70-150  | 150-200 | 200-350  |

The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.







## SECONDARY IMPACT CRUSHERS

SARIÇELİK branded SECONDARY impact crusher is designed to ensure an outstanding breaking strength. Thanks to the wide feed opening, large capacity and high reduction ratio, it offers the capacity required for your investments.

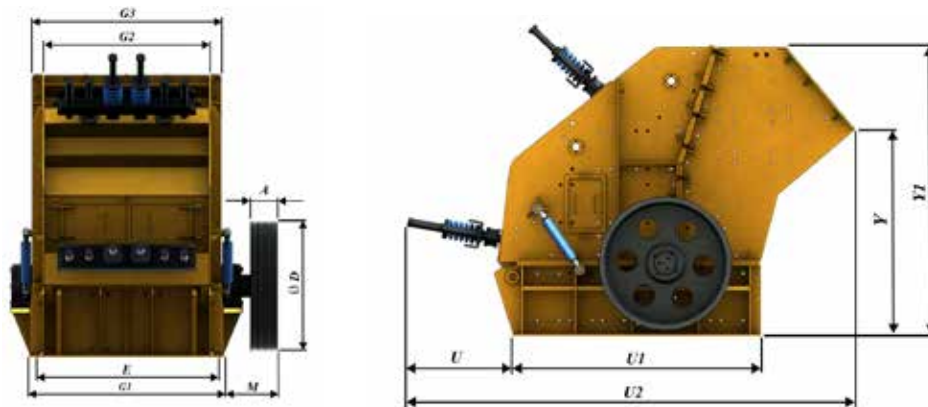
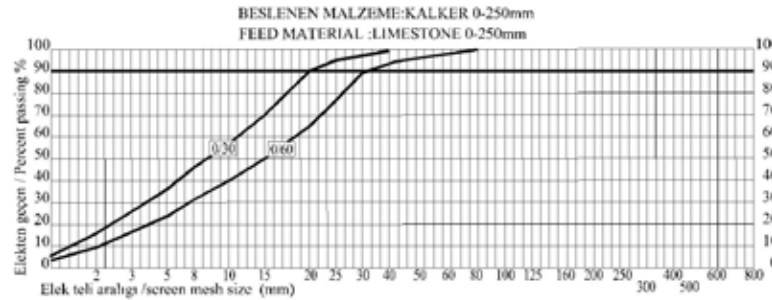


## STRONG DURABLE QUALITY

With the hammer connection which developed and designed specially, it is very easy and convenient to replace and invert the hammers. Those features applied on the machine minimize downtime and increase efficiency of the machine, and prove that it is particular and special. Our secondary impact crushers are produced to offer you continuously the highest capacities

that you need through the robust structure and construction. They have become a serious alternative with their seamless and economic operation. Thanks to the hydraulic systems used on the machine, machine maintenance has become easy. With the help of specially developed swing systems, easier operation is ensured.

The hydraulic cylinders used on the upper and lower swings provide you great comfort in product setup part of the machine and makes it easier to intervene the machine. Secondary impact crushers offer low operating cost with strong performance.



### Main Dimensions

| MODEL   | E    | G1   | G2   | G3   | ØD   | A   | M   | Y    | Y1   | U    | U1   | U2   | Weight (kg) |
|---------|------|------|------|------|------|-----|-----|------|------|------|------|------|-------------|
| SDK 150 | 1800 | 1900 | 1640 | 1840 | 1260 | 263 | 515 | 2736 | 2070 | 1000 | 2355 | 4245 | 21000       |
| SDK 130 | 1580 | 1680 | 1409 | 1609 | 1260 | 212 | 469 | 2736 | 2070 | 990  | 2355 | 4245 | 17500       |
| SDK 110 | 1380 | 1480 | 1209 | 1409 | 1260 | 212 | 269 | 3736 | 2070 | 990  | 2355 | 4245 | 11000       |

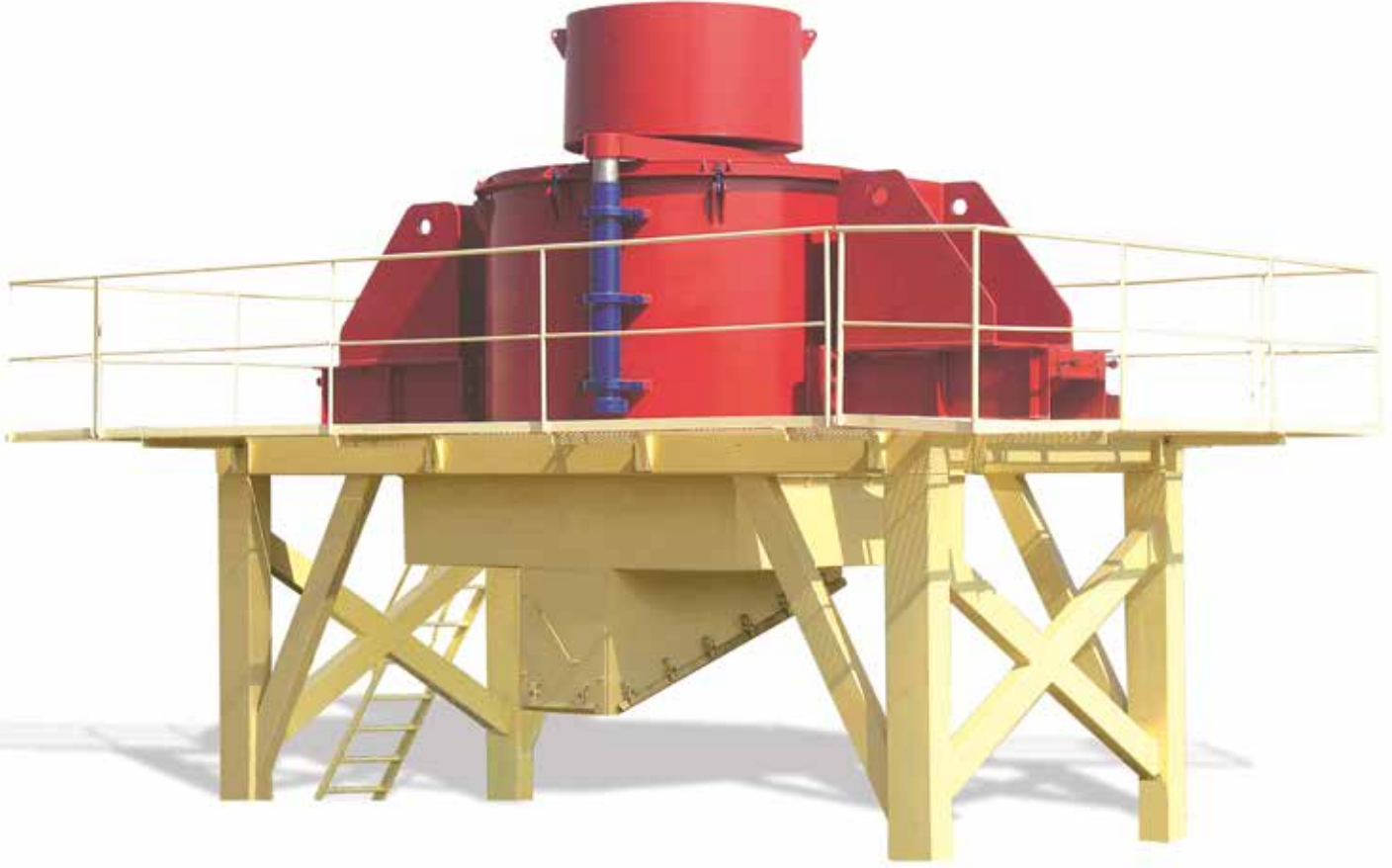
### Technical Specifications

| MODEL   | Inlet     | Rotor Speed (rpm) | Rotor Width (mm) | Max Feed (mm) | Number of Rotor Pallets | Engine Power (kW) | Max. Capacity (ton/hour) |
|---------|-----------|-------------------|------------------|---------------|-------------------------|-------------------|--------------------------|
| SDK 150 | 1540-1560 | 410-650           | Ø 1345-1500      | 1000          | 4                       | 355               | 500-600                  |
| SDK 130 | 1340-1460 | 410-650           | Ø 1345-1300      | 800           | 4                       | 315               | 300-350                  |
| SDK 110 | 1140-1260 | 410-650           | Ø 1345-1100      | 700           | 4                       | 250               | 200-250                  |

The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.







## VSI CRUSHERS

Vertical Shaft Impact Crushers produced by SARIÇELİK are used to obtain sand from highly abrasive stream and quarry material.

Tertiary crushers are used to make the flat material as in a cubical shape which come from Cone Crusher. This machine is produced in different combinations such as Open rotor and Anvil, Closed rotor and rock bearing. The machine can rotate approximately 1400 rpm. Therefore, the materials flinging from the launching cells, the material in the crusher's body are broken by hitting the materials in the pad chamber or counter crush chocks (ANVIL).

Because the crushers cover will simply be opened by a hydraulic piston on the cover, machine maintenance can be performed easily.

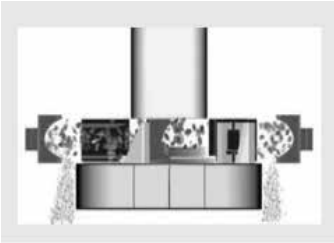
**Design benefits of Sarıçelik brand:**

Excellent product, low wear cost, cubic, application flexibility and easy maintenance.

• Solution sought for stream material and basalt

- Low initial investment cost
- Robust steel construction
- Design for easy and fast installation

As Sariçelik brand, we are aware that each breaking application is different from the other. That's why we open the widest model range of vertical shaft impact crushers in the industry.



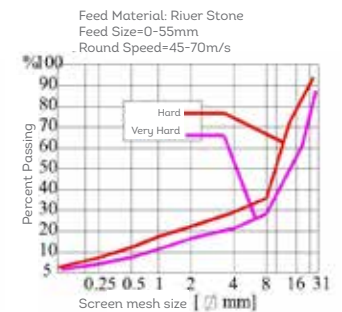
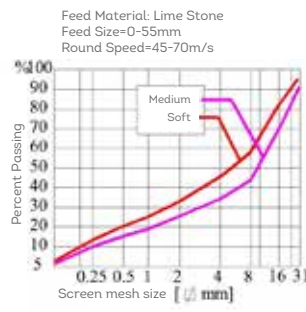
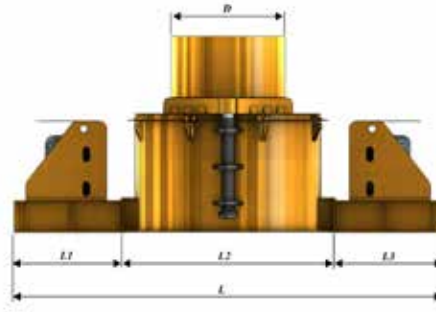
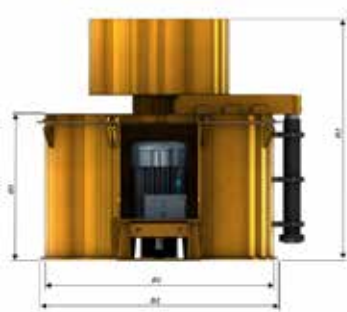
**Open rotor and Anvil ( ORA SERIES)**  
In Low – Medium Level Abrasive Materials, open rotor and anvil configuration provides high reduction ratio and feed size flexibility in high capacities.



**Closed rotor and Anvil (CRA SERIES)**  
In Medium Level Abrasive Materials, closed rotor and anvil configuration offers a High Reduction Ratio.



**Closed rotor and Anvil (CRA SERIES)**  
In highly abrasive materials, closed rotor and rock bearing configuration offers the lowest wear costs regularly by breaking the stone with stone and the best product shape.



**Machine Dimensions**

| MODEL     | H1   | H2   | L    | L1   | L2   | L3   | ØD   | ØD1  | ØD2  |
|-----------|------|------|------|------|------|------|------|------|------|
| VSI70-CRR | 1545 | 2555 | 5000 | 1250 | 2500 | 1250 | 1000 | 2000 | 2100 |
| VSI90-CRR | 1545 | 2555 | 5620 | 1410 | 2800 | 1410 | 1500 | 2440 | 2540 |
| VSI70-CRA | 1615 | 2215 | 4634 | 1250 | 2134 | 1250 | 1185 | 1800 | 2090 |
| VSI90-CRA | 1705 | 2415 | 5294 | 1430 | 2434 | 1430 | 1430 | 1960 | 2390 |
| VSI90-ORA | 1705 | 2415 | 5294 | 1430 | 2434 | 1430 | 1430 | 1960 | 2390 |

**Technical Specifications**

| MODEL     | Rotor Width (mm) | Rotor Speed (rpm) | Engine power (kW) | Feed Size (mm) | Max. Capacity (ton/hour) | Weight (kg) |
|-----------|------------------|-------------------|-------------------|----------------|--------------------------|-------------|
| VSI70-CRR | 685-320          | 1400              | 132-250           | 0-35           | 150-300                  | 8500        |
| VSI90-CRR | 900-410          | 1200-1400         | 250-400           | 0-45           | 350-500                  | 12000       |
| VSI70-CRA | 700-350          | 1400              | 132-250           | 0-45           | 150-300                  | 10000       |
| VSI90-CRA | 1100-400         | 1200-1400         | 250-400           | 0-63           | 350-500                  | 14500       |
| VSI90-ORA | 1000-350         | 1000-1200         | 250-400           | 0-100          | 350-500                  | 14000       |

Maximum feed size, capacity and engine power requirements depend on the crush chamber configuration used. Crusher configuration is based on the type of material to be fed, product specifications, abrasiveness and hardness of the material. The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.







## T-TYPE SAND MACHINE (TERTIARY CRUSHER)

With the principles formed in accordance with its vision and mission, our company improves its internal processes day by day while offering the most efficient solutions in response to various demands from the industry.



## STRONG DURABLE QUALITY

From the first day we serve until today, we worked on mineral structures such as river stone, limestone (aggregate), basalt, chrome, boron, calcite, mountain sand and nickel. These crushers are designed for crushing materials in soft and medium hardness. The high-speed rotating rotor breaks the material by hitting them to the crush wedges. Sand machine allows you to obtain fine and cubic products. It gives the product in the gradation according to the sand size distribution requested by concrete plants and asphalt facilities. In river stone max. 80 mm, quarry stone max 250 mm feeds are made. The machine body frame is produced in 4 pieces. This product, which is manufactured under the name of sand machine, is also

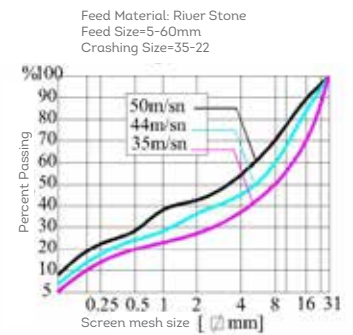
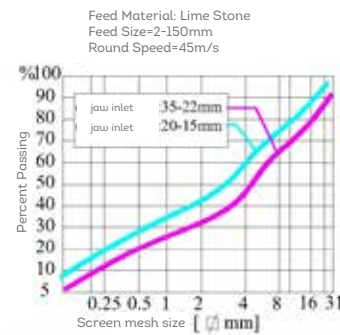
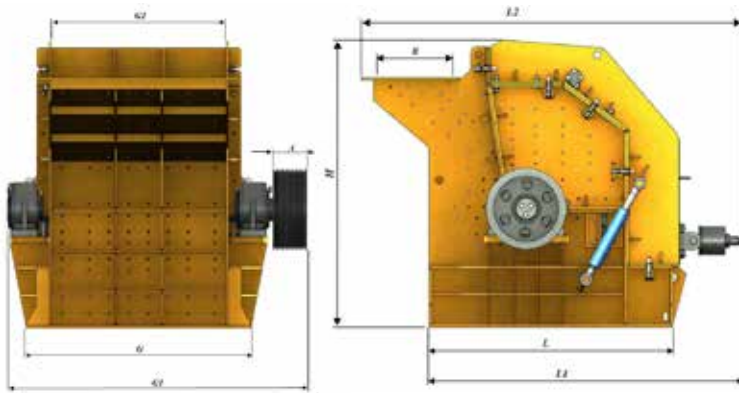
known as tertiary crusher. In terms of operating principle and body shape, it falls under the impact crusher category.

Desired sizes in the sand machines are in the range of 0-5 mm, 0-5 mm range of the desired product requires operation of the machine at high speeds. Because abrasion is very high in these sizes, to reduce abrasion, special plates in different line and geometrical shapes are used in the machine and outside of the body. To achieve efficiency at high speeds, rotor and way of attaching the rotor on the body are produced precise.

Material feeding size is one of the most significant features of the sand machine we produce. Feed size is 250 mm. Setting

group range is 0-150 mm.

These operation dimensions apply to all mineral structures, similar crystal mesh structures crystal and working conditions stated in this design. Swing body is opened and closed by a hydraulic system. These features facilitate to carry out tasks such as controlling swing wear plates (crush wedges) side door and wall linings, hammers (wedges) Rotor balance, cleaning interior of the machine at the end of business day, grading adjustment and allows for system maintenance in a proper position and safe environment.



### Main Dimensions

| MODEL  | B   | L    | L1   | L2   | H    | G    | G1   | G2   | A   | Weight (kg) |
|--------|-----|------|------|------|------|------|------|------|-----|-------------|
| KM130T | 570 | 1936 | 2485 | 3040 | 2370 | 1776 | 2340 | 1380 | 263 | 13000       |
| KM110T | 570 | 1936 | 2485 | 3040 | 2370 | 1410 | 1840 | 1015 | 211 | 10000       |
| KM650T | 570 | 1936 | 2485 | 3040 | 2370 | 1120 | 1550 | 730  | 211 | 7500        |

### Technical Specifications

| MODEL  | Inlet    | Rotor Speed (rpm) | Rotor Width (mm) | Max. Feed (mm) | Engine power (kW) | Max. Capacity (ton/hour) |
|--------|----------|-------------------|------------------|----------------|-------------------|--------------------------|
| KM130T | 570-1320 | 800-1100          | Ø 1124-1300      | 250            | 200x250           | 200-250                  |
| KM100T | 400-1000 | 800-1100          | Ø 1124-935       | 250            | 160x200           | 150-180                  |
| KM65T  | 300-670  | 800-1100          | Ø 1124-650       | 250            | 110x132           | 80-110                   |

The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.







## SAND MACHINE (TERTIARY CRUSHER)

SARIÇELİK Sand Machines are designed to crush materials in soft to medium hardness.



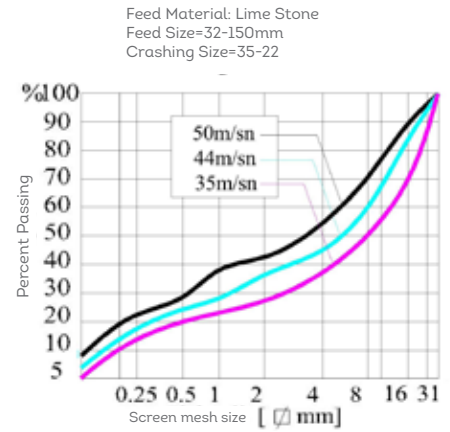
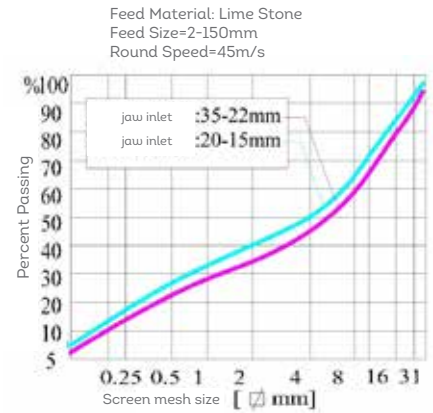
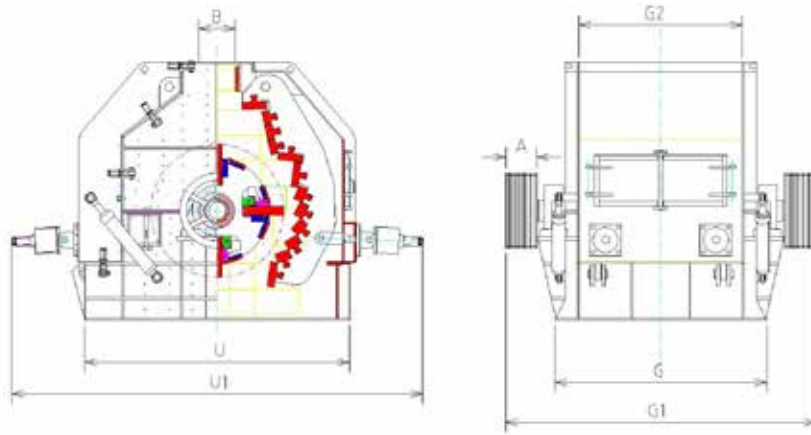
## STRONG DURABLE QUALITY

Tertiary impact crushers are high-speed and used for producing fine material. Tertiary crushers are durable machines with low operating costs used for obtaining fine and cubic materials by hitting the plus sieve materials to the opposite fixed pallets by the crushing pallets on the rotor rotating at high-speed.

### Features and Benefits

- Because of the rotor rotating in both directions and their reversibility, both faces of hammers can be used.

- Due to the special design of crush wedges and rotor rotating at high speed, low filler (powder) ratio, and high ratio of obtaining sand.
- Easy maintenance with full open lids on both sides.
- Gives the product in the gradation in line with the sand size distribution requested by concrete plants and asphalt facilities.
- For river stone max. 80 mm, for quarry stone max. 150 mm feed.



### Main Dimensions

| MODEL  | B   | U    | U1    | G    | G1    | G2   | A   | Weight (kg) |
|--------|-----|------|-------|------|-------|------|-----|-------------|
| KM1300 | 310 | 2230 | 13458 | 1785 | 12611 | 1380 | 263 | 16000       |

### Technical Specifications

| MODEL  | Inlet    | Rotor Speed (rpm) | Rotor Width (mm) | Max. Feed (mm) | Engine power (kW) | Max. Capacity (ton/hour) |
|--------|----------|-------------------|------------------|----------------|-------------------|--------------------------|
| KM1300 | 300-1350 | 800-1100          | Ø 1380-1560      | 150            | 250-2*200         | 200-250                  |

The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.





# SCREENS



SARIÇELİK brand has numerous screens that meet the needs of every application. We offer many products you may choose from separation of coarse aggregate to dry or wet sieving at the final stage. Durable construction of all SARIÇELİK screens meets the needs of professional gravel producers. Screens produced by SARIÇELİK are designed in different types and vibration features with high screening efficiency to be selected according to the material type and screening size. Screens with mesh, perforated sheet metal, polyurethane or steel wire can also be manufactured with a washing feature. Our screens produced as 5 m<sup>2</sup> to 16 m<sup>2</sup> in size and up to 4 floors are selected according to the requirements in the facilities.

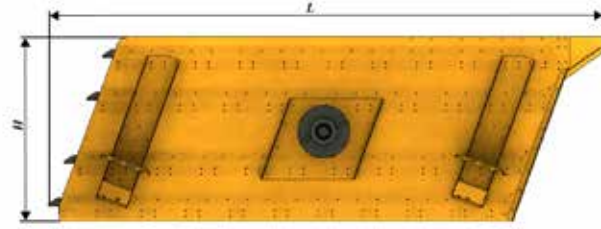






# PRODUCT SCREENS (UEG-UEO SERIES)

SARIÇELİK double bearing, single shaft, inclined screens are designed for heavy-duty type separation, classification of any material such as medium-sized product and finished product. INCLINED screens have a wide range in size and screen floors. According to the customer's request, they are produced with grease or oil drive systems. Due to the springs, screen body can move freely. If the material is required to be washed, washing system can be adapted easily. The spaces between the screen floors are kept wide in order to facilitate replacement of the screen mesh.



**Technical Specifications**

| MODEL           | Lubrication system | Width(B) | Length(L) | Height(H) | Pieces of Floors | Engine (kW) | Weight (kg) |
|-----------------|--------------------|----------|-----------|-----------|------------------|-------------|-------------|
| <b>UEG18503</b> | Grease             | 1800     | 5000      | 1980      | 3                | 22          | 6000        |
| <b>UEO18503</b> | Oil                | 1800     | 5000      | 1980      | 3                | 22          | 6200        |
| <b>UEG20503</b> | Grease             | 2000     | 5000      | 1980      | 3                | 22          | 7200        |
| <b>UEO20503</b> | Oil                | 2000     | 5000      | 1980      | 3                | 22          | 7400        |
| <b>UEG20603</b> | Grease             | 2000     | 6000      | 1980      | 3                | 30          | 8000        |
| <b>UEO20603</b> | Oil                | 2000     | 6000      | 1980      | 3                | 30          | 8200        |
| <b>UEG20604</b> | Grease             | 2000     | 6000      | 2490      | 4                | 30          | 10000       |
| <b>UEO20604</b> | Oil                | 2000     | 6000      | 2490      | 4                | 30          | 10200       |
| <b>UEG22603</b> | Grease             | 2200     | 6000      | 1980      | 3                | 30          | 8200        |
| <b>UEO22603</b> | Oil                | 2200     | 6000      | 1980      | 3                | 30          | 8400        |
| <b>UEG24602</b> | Grease             | 2400     | 6000      | 1400      | 2                | 30          | 6500        |
| <b>UEO24602</b> | Oil                | 2400     | 6000      | 1400      | 2                | 30          | 6700        |
| <b>UEG24603</b> | Grease             | 2400     | 6000      | 1980      | 3                | 30          | 8400        |
| <b>UEO24603</b> | Oil                | 2400     | 6000      | 1980      | 3                | 30          | 8600        |

Capacities are not only depending on the screen size but also on the screen slope, grain size of the feed material and contamination of the material. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.

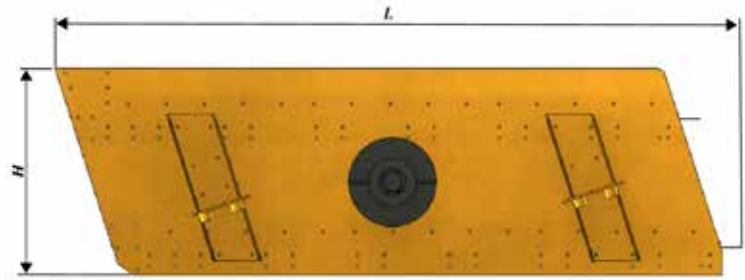
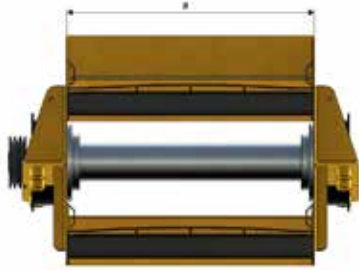






# SOIL SCREENS (TEG-TEO SERIES)

Soil screens are used to separate the material by-passed from the primary feeding unit and include it in the system. Double bearing, single shaft, inclined screens with resistant and strong body construction are designed for separation of any kind of by-passed material.



**Technical Specifications**

| MODEL           | Lubrication system | Width(B) | Length(L) | Height(H) | Pieces of Floors | Engine (kW) | Weight (kg) |
|-----------------|--------------------|----------|-----------|-----------|------------------|-------------|-------------|
| <b>TEG12402</b> | Grease             | 1200     | 4000      | 1500      | 2                | 15          | 3000        |
| <b>TEG15402</b> | Grease             | 1500     | 4000      | 1500      | 2                | 15          | 3200        |
| <b>TEG16502</b> | Grease             | 1600     | 5000      | 1500      | 2                | 18.5        | 4900        |
| <b>TEO16502</b> | Oil                | 1600     | 5000      | 1500      | 2                | 18.5        | 5100        |
| <b>TEG18502</b> | Grease             | 1800     | 5000      | 1500      | 2                | 22          | 5200        |
| <b>TEO18502</b> | Oil                | 1800     | 5000      | 1500      | 2                | 22          | 5400        |

Capacities are not only depending on the screen size but also on the screen slope, grain size of the feed material and contamination of the material. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.

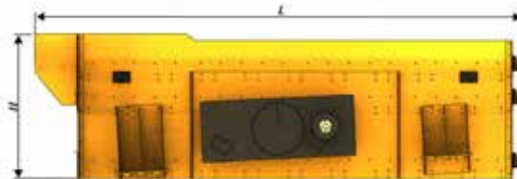
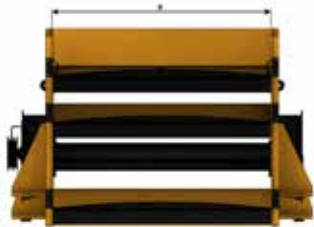






# HORIZONTAL SCREENS (YUO SERIES)

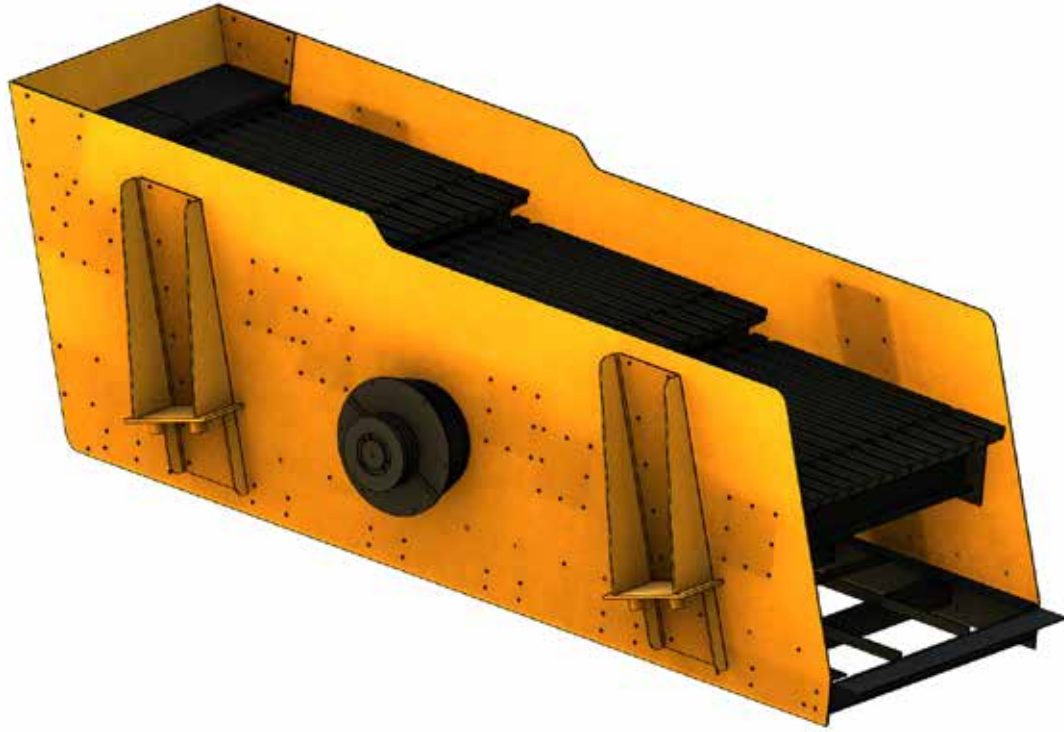
Horizontal screens, also referred to as vibration-controlled screen group, have three-shaft drive system, liquid lubrication, six bearings and high efficiency. With the high vibration, they have high screening capacity. Though the three-shaft drive system, they make oval vibration movement.



## Technical Specifications

| MODEL    | Lubrication system | Width(B) | Length(L) | Height(H) | Pieces of Floors | Engine (kW) | Weight (kg) |
|----------|--------------------|----------|-----------|-----------|------------------|-------------|-------------|
| YUO20603 | Oil                | 2000     | 6000      | 1980      | 3                | 37          | 12000       |
| YUO22603 | Oil                | 2200     | 6000      | 1980      | 3                | 37          | 14000       |

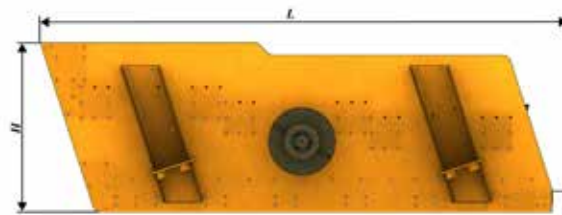
Capacities are not only depending on the screen size but also on the screen slope, grain size of the feed material and contamination of the material. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.



# GRIZZLY SCREENS (IEG-IEO SERIES)

SARIÇELİK branded screens are produced for rough screening after primary crushing process. They are double bearing, single shaft, inclined heavy-duty type screens. Grizzly screens have hub bearing and two floors. The upper floor is made of high manganese steel casting or special steel highly resistant to wear in order to improve resistance against large materials.

With its resistant and strong body, it operates safely and seamlessly. Adjustable grids allow separation of materials in desired sizes. The meshes are mounted in the form of steps so that they ensure easy transfer of the material from end-to-end. Depending on the customer's request, it is produced as grease and oil drive system.



## Technical Specifications

| MODEL           | Lubrication system | Width(B) | Length(L) | Height(H) | Pieces of Floors | Engine (kW) | Weight (kg) |
|-----------------|--------------------|----------|-----------|-----------|------------------|-------------|-------------|
| <b>IEG10352</b> | Grease             | 1000     | 3500      | 1500      | 2                | 11          | 3500        |
| <b>IEG12402</b> | Grease             | 1200     | 4000      | 1500      | 2                | 15          | 4200        |
| <b>IEG14402</b> | Grease             | 1400     | 4000      | 1500      | 2                | 18.5        | 4800        |
| <b>IEG16402</b> | Grease             | 1600     | 4000      | 1500      | 2                | 22          | 5500        |

Capacities are not only depending on the screen size but also on the screen slope, grain size of the feed material and contamination of the material. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.





# PRE SCREENS (OEG-OEO SERIES)

Screening surfaces of the high efficiency preliminary screens are made of polyurethane by considering the size and abrasiveness of the crushed material or perforated special sheet metal resistant to wear according to the mesh size.

They are produced with grease or oil drive system according to the customer's request.



**Technical Specifications**

| MODEL           | Lubrication system | Width(B) | Length(L) | Height(H) | Pieces of Floors | Engine (kW) | Weight (kg) |
|-----------------|--------------------|----------|-----------|-----------|------------------|-------------|-------------|
| <b>OEG18502</b> | Grease             | 1800     | 5000      | 1500      | 2                | 22          | 5200        |
| <b>OEO18502</b> | Oil                | 1800     | 5000      | 1500      | 2                | 22          | 5400        |
| <b>OEG18503</b> | Grease             | 1800     | 5000      | 1980      | 3                | 22          | 5600        |
| <b>OEO18503</b> | Oil                | 1800     | 5000      | 1980      | 3                | 22          | 5800        |
| <b>OEG20503</b> | Grease             | 2000     | 5000      | 1980      | 3                | 22          | 7200        |
| <b>OEO20503</b> | Oil                | 2000     | 5000      | 1980      | 3                | 22          | 7400        |
| <b>OEG20602</b> | Grease             | 2000     | 6000      | 1500      | 2                | 22          | 6000        |
| <b>OEO20602</b> | Oil                | 2000     | 6000      | 1500      | 2                | 22          | 6200        |

Capacities are not only depending on the screen size but also on the screen slope, grain size of the feed material and contamination of the material. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.





# PRIMARY FEEDING UNITS

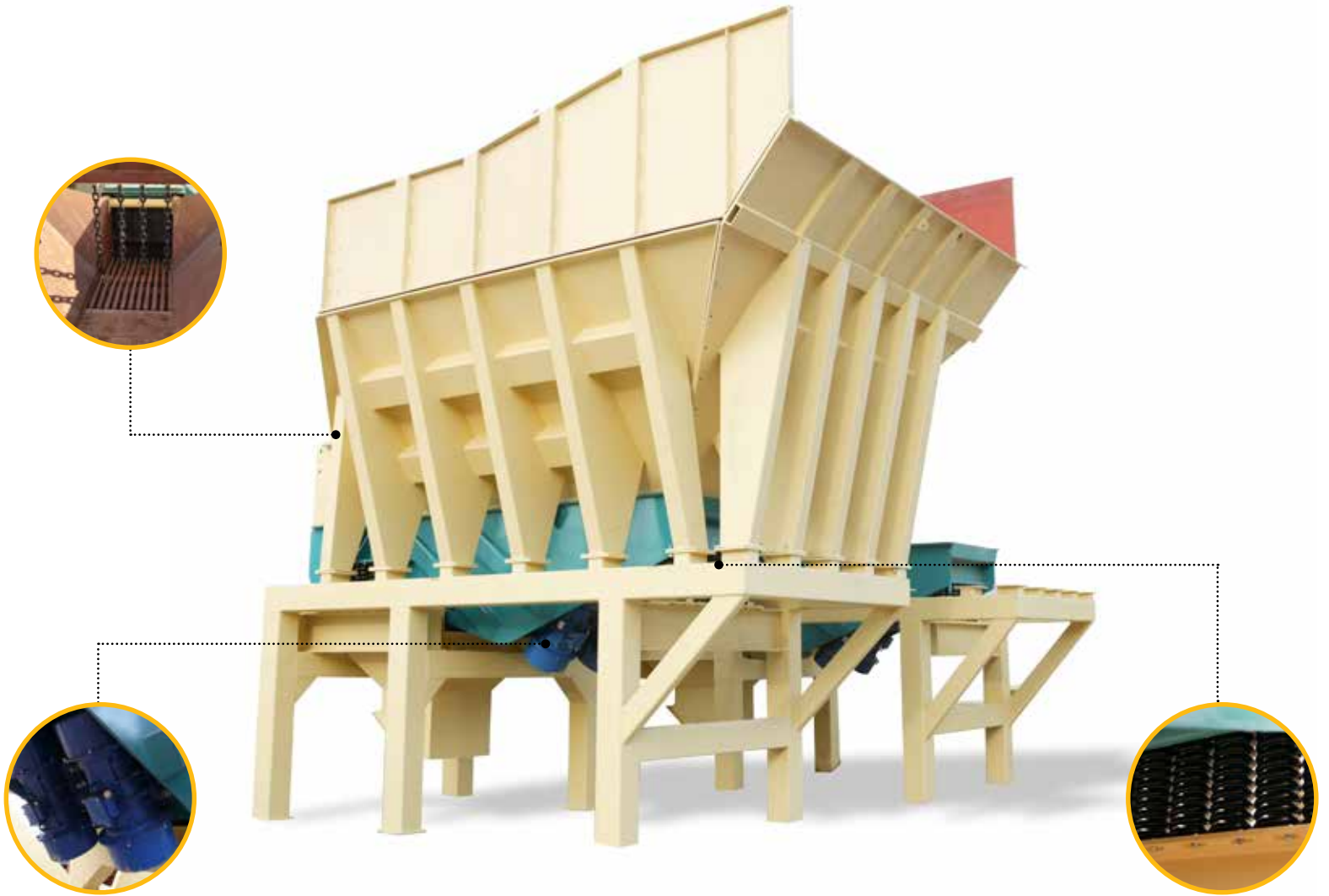


SARIÇELİK branded Primary Feeding Units can handle large loads and heavy works with its heavy-duty type structure. Even in challenging conditions, life cycle of all parts is longer and maintenance costs are low. They are put into service with the systems covering the most efficient ways for efficiency.









## PRIMARY FEEDING UNITS

Designed to maximize the production power, the Primary Feeding Units are used in all mineral processing systems thanks to its high performance by taking advantage of yields of the first class raw material.



## STRONG DURABLE QUALITY

SARIÇELİK branded Primary feeding units use high-strength steel and high-impact vibrators to ensure more production. Heavy-duty type vibrating feeders are designed for fixed installations with their heavy-duty type bodies and high-

impact vibration mechanisms. Primary feeder grids are made of high manganese steel casting or special steel highly resistant to wear. It works safely and seamlessly with its resistant and strong body construction.

Adjustable grids allow bypassing the materials in desired sizes.



### Main Dimensions

| MODEL          | Width (B) | Length (L) | Feed Size (max.) | Engine (kW) | Weight (kg.) | Capacity (t/hour) | Bunker Volume     | A Size | A1 Size | B Size | C Size | Total Weight (kg) |
|----------------|-----------|------------|------------------|-------------|--------------|-------------------|-------------------|--------|---------|--------|--------|-------------------|
| <b>PB 1460</b> | 1400      | 6000       | 1000             | 2x13.5      | 7200         | 600-800           | 70 m <sup>3</sup> | 6280   | 5470    | 8145   | 4540   | 28500             |
| <b>PB 1348</b> | 1350      | 4800       | 800              | 2x10        | 5500         | 500-650           | 55 m <sup>3</sup> | 6065   | 5200    | 6740   | 4000   | 25000             |
| <b>PB 1148</b> | 1100      | 4800       | 600              | 2x7.6       | 4500         | 250-350           | 35 m <sup>3</sup> | 6065   | 5200    | 6740   | 3750   | 22000             |
| <b>PB 0943</b> | 900       | 4300       | 500              | 2x5.5       | 3500         | 150-250           | 25 m <sup>3</sup> | 6065   | 5200    | 6740   | 3550   | 17000             |

Capacities are not only depending on the feeder size but also on the feeder slope, grain size of the feed material. The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.





# HOPPER FEEDERS AND INTERIM BUNKERS



Hopper Feeders in the production line of SARIÇELİK are the ideal ones used for preventing fluctuation of the materials fed to the crusher and feeding material out from the Interim Bunkers.

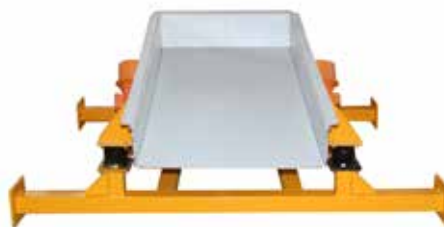






## HOPPER FEEDER AND INTERIM BUNKERS

SARIÇELİK branded Hopper Feeders are generally used for feeding rocks to the secondary and tertiary crushers.

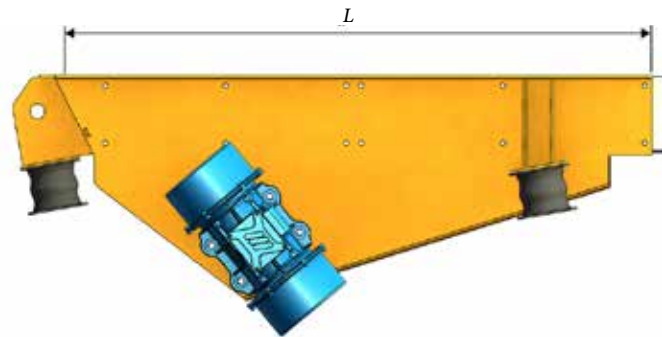
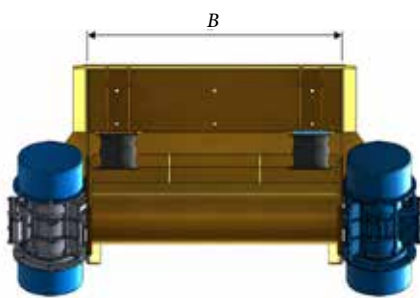


## STRONG DURABLE QUALITY

Hopper Feeders are designed to feed in high capacity, and they prevent material fluctuation in wide range of capacities. Their operation trends vary between 0 and 15 degrees depending on the material to be transferred and its features.

Hopper Feeders run in linear motion and provide very low wear cost along with an efficient feeding. Interim bunker and hopper feeders continuously check the incoming material and feed the machine in front in a regular and balanced manner.

In this way, machine feeding is taken under control, more regular operation of the machine is ensured and unbalanced wear is minimized, so that spare part costs are supported to be minimized.



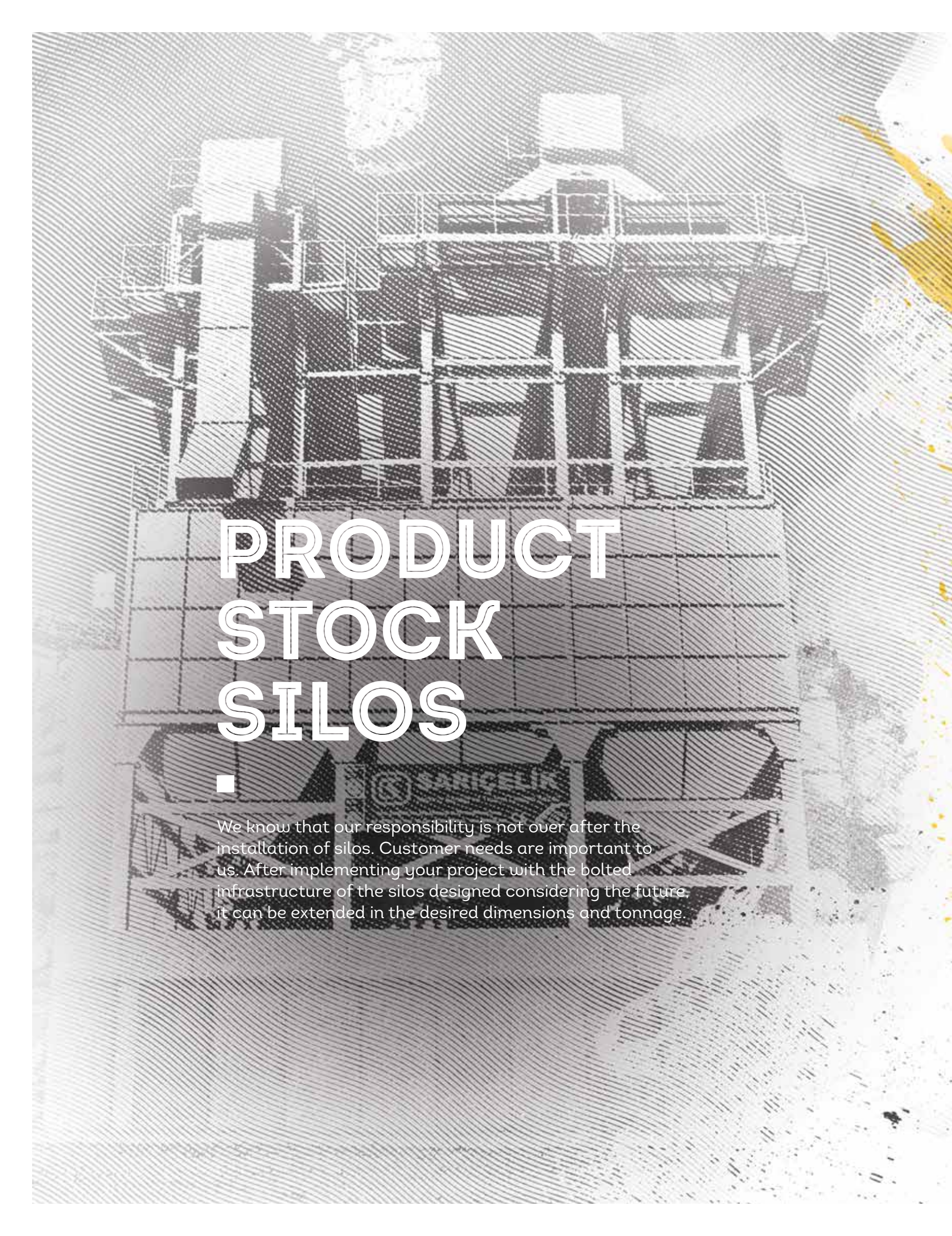
### Main Dimensions

| MODEL         | Width (B) | Length (L) | Feed Size (max.) | Engine (kW) | Capacity (t/ hour) | Weight (kg) |
|---------------|-----------|------------|------------------|-------------|--------------------|-------------|
| <b>VB0620</b> | 650       | 2000       | 200              | 2x1.2       | 140                | 700         |
| <b>VB0630</b> | 650       | 3000       | 200              | 2x2.2       | 200                | 750         |
| <b>VB0820</b> | 800       | 2000       | 250              | 2x1.2       | 240                | 850         |
| <b>VB1020</b> | 1000      | 2000       | 300              | 2x2.3       | 400                | 950         |
| <b>VB1120</b> | 1100      | 2000       | 250              | 2x2.2       | 400                | 1000        |
| <b>VB1130</b> | 1100      | 3000       | 250              | 2x2.6       | 550                | 1350        |

The capacity figures given in the table above are approximate values. Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.







# PRODUCT STOCK SILOS



We know that our responsibility is not over after the installation of silos. Customer needs are important to us. After implementing your project with the bolted infrastructure of the silos designed considering the future, it can be extended in the desired dimensions and tonnage.









## PRODUCT STOCK SILOS

Product Stock Silos that are put into service with expert project design and delivery of defect-free products will start producing benefits to your business as soon as possible in accordance with the ease of shipment and installation advantages.



## STRONG DURABLE QUALITY

Being aware that high quality inventory silos can be provided by specialized staff, modern production techniques and full automation, the

silos are designed and produced in the desired dimension and tonnage by the R&D department to meet aggregate storage needs. SARIÇELİK product stock silos are

all bolted connection and provide ease of shipment and installation. At later stages, silo volumes can be enlarged or reduced.





# CONVEYORS



SARIÇELİK branded conveyors have a wide range and facilitate manufacturing processes by the possibility of adding them to each other.

We owe the low maintenance and long service life of the Conveyor Systems to use of quality components and materials. Conveyors are designed to have minimum spare parts need.







## CONVEYORS

Carriers that are used between the machines in the facilities and to transfer the products to the storage area.

Conveyors are produced in different belt width and the required length according to the capacity of the material to be transferred. Besides fixed belt conveyors, they can also be produced as mobile for wider use of the storage area. The conveyors in the production plan of SARIÇELİK brand have a standard modular design that can be perfectly mounted one after another. The belt conveyors that are produced as belt and pulley driven as a standard are in our production plan as engine-reducer direct coupled as an option. Conveyors are available in standard options of open-closed top and with platforms.

We manufacture in groups as follows:

- Stock belts
- Transport belts
- Crawler belts
- Feeding belts









# WASHING SYSTEMS

■ SARIÇELİK Mineral Washing Systems have a large number of washers that fit to your needs. Obtaining clean materials especially requested by the ready-mixed concrete and asphalt facilities are provided by our washing systems. Our products in the mineral washing process are designed for producing high-quality finished products.









## COMPACT SAND WASHING SYSTEMS

Sarıçelik CSWS Series cyclone and dewatering screen separates especially fine material from 75 micron and allows the recovery of clean material.



## STRONG DURABLE QUALITY

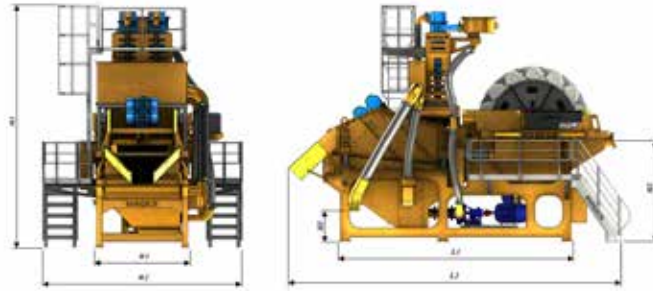
The ready-mixed concrete manufacturers prefer washed natural sand and stone sand because use of clean sand in concrete production provides saving on the cement quantity. With the highly efficient, low cost and various combination options, SARIÇELİK is the leader in the washing sector. CSWS series washing system ensures eliminating

the loss of valuable materials to the precipitation pools or water treatment phase. Our products have proven their performances in providing high quality washed sand to the construction industry. In order to provide more productivity and performance in washing, we are pushing the assumptions to the end. **PROCESSES YOU CAN APPLY**

- All concrete, mortar and asphalt

sands

- Pit sand / crushed fine grains
- Beach sand
- Silica sand for glass industry
- Golf course sand
- Filter bed sand
- Recycled material
- Iron ore
- Most materials that need to be washed



### Technical Specifications

| DEWATERING SCREEN |           |                |             | CENTRIFUGAL PUMP |                    |             |
|-------------------|-----------|----------------|-------------|------------------|--------------------|-------------|
| MODEL             | SIZE      | SCREEN OPENING | ENGINE (kW) | DIMENSIONS       | PUMP CAP.          | ENGINE (kW) |
| CSWS60            | 1200x2400 | 0,5 mm         | 2x3         | 150/125          | 190 m <sup>3</sup> | 15          |
| CSWS120           | 1500x3700 | 0.5 mm         | 2x5,5       | 150/125          | 250 m <sup>3</sup> | 22          |
| CSWS200           | 1800x4300 | 0.5 mm         | 2x7,5       | 200/150          | 300 m <sup>3</sup> | 30          |

### Main Dimensions

| MODEL   | W1   | W2   | L1   | L2   | H1  | H2   | H3   | Capacity      | Water Need           | Weight (kg) |
|---------|------|------|------|------|-----|------|------|---------------|----------------------|-------------|
| CSWS60  | 2500 | 4300 | 5810 | 6900 | 750 | 2500 | 5800 | 40-60 ton/s   | 200m <sup>3</sup> /s | 8000        |
| CSWS120 | 2275 | 4720 | 5810 | 8220 | 750 | 2500 | 5800 | 80-120 ton/s  | 250m <sup>3</sup> /s | 16000       |
| CSWS200 | 3400 | 4720 | 5810 | 8600 | 750 | 2500 | 5800 | 120-200 ton/s | 300m <sup>3</sup> /s | 19000       |

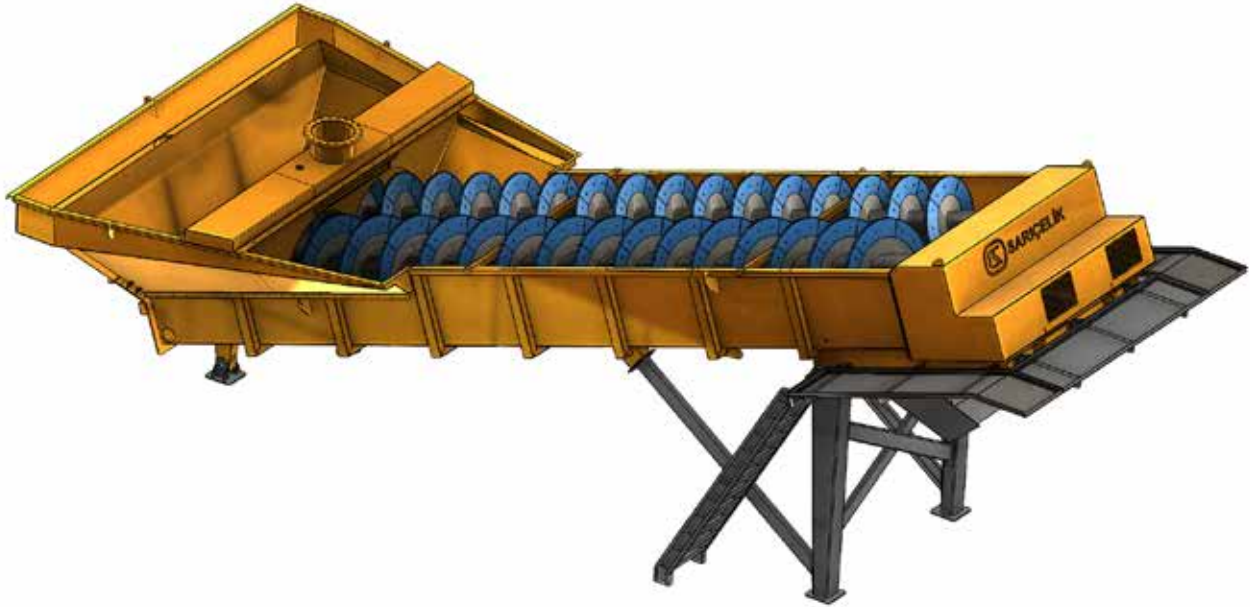
### WASHER WITH BUCKET - Technical Specifications

| MODEL   | PIECE OF BUCKETS | BUCKET VOLUME              | DIAMETER | WIDTH | BUCKET SPEED | ENGINE |
|---------|------------------|----------------------------|----------|-------|--------------|--------|
| CSWS60  | 14               | 0.045m <sup>3</sup> (each) | 2600     | 750   | 0-3,5 d/d    | 3 kW   |
| CSWS120 | 28               | 0.117m <sup>3</sup> (each) | 2600     | 750   | 0-3,5 d/d    | 7,5 kW |
| CSWS200 | 28               | 0.117m <sup>3</sup> (each) | 2600     | 750   | 0-3,5 d/d    | 7,5 kW |

Depending on the innovations in production or inclusion of 'optional extra parts', technical specifications may vary.

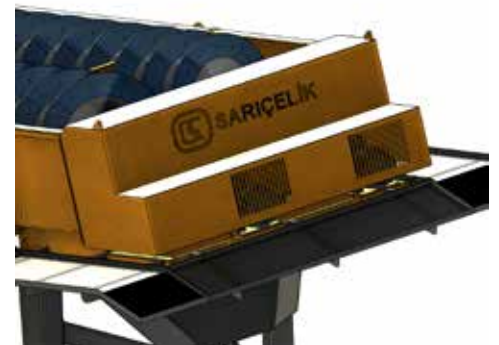
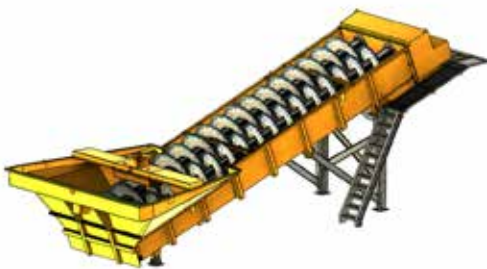


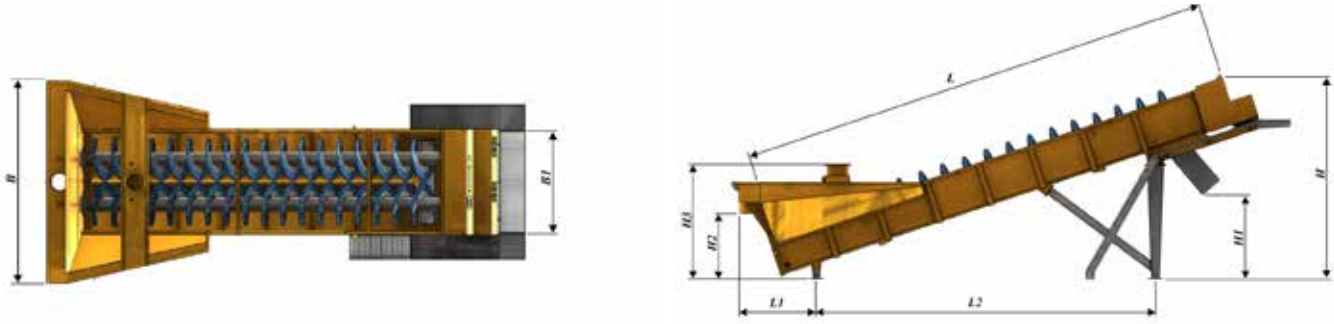




## SPIRAL WASHERS

Spiral or drum type washers are used for washing natural or crushed materials. Size and capacity of the material to be washed play an important role in selecting type of the washer. Although the amount of water used in the washer may change depending on dirtiness of the material, washers produced by SARIÇELİK cleans the undesirable materials from the aggregates successfully with minimum leakage and water consumption.





**Technical Specifications**

| MODEL              | ØD   | L     | L1   | L2   | H    | H1   | H2   | H3   | B    | B1   | Weight (kg) |
|--------------------|------|-------|------|------|------|------|------|------|------|------|-------------|
| <b>HYC75-600</b>   | 750  | 6350  | 1100 | 3900 | 2900 | 1000 | 1000 | 1700 | 3210 | 1500 | 6200        |
| <b>HYC75-900</b>   | 750  | 10300 | 1100 | 3900 | 4000 | 1000 | 1000 | 1700 | 3210 | 1500 | 7200        |
| <b>HYT112-1084</b> | 1120 | 10845 | 3580 | 3580 | 4650 | 2035 | 1630 | 2340 | 3710 | 1500 | 6700        |
| <b>HYC112-1100</b> | 1120 | 10896 | 3580 | 3580 | 4650 | 2035 | 1650 | 2340 | 4990 | 2740 | 12500       |
| <b>HYT122-1100</b> | 1220 | 10896 | 3580 | 3580 | 4770 | 2075 | 1615 | 2415 | 3800 | 1570 | 9000        |
| <b>HYC122-1100</b> | 1220 | 11830 | 1925 | 8420 | 4980 | 2075 | 1615 | 2395 | 5785 | 3020 | 18000       |
| <b>HYT137-1153</b> | 1370 | 11530 | 3785 | 3785 | 5070 | 2150 | 1815 | 2580 | 4280 | 1725 | 10500       |
| <b>HYC137-1153</b> | 1370 | 11530 | 3785 | 3785 | 5100 | 2150 | 1815 | 2580 | 5840 | 3280 | 21000       |

**Technical Specifications**

| MODEL              | Rotation speed (rpm) | Max Capacity (t/s) | Water flow (m3/s) | Engine power (kW) |
|--------------------|----------------------|--------------------|-------------------|-------------------|
| <b>HYC75-600</b>   | 20                   | 80                 | 30-50             | 2*15              |
| <b>HYC75-900</b>   | 20                   | 130                | 50-70             | 2*18,5            |
| <b>HYT112-1084</b> | 17                   | 175                | 175               | 22                |
| <b>HYC112-1100</b> | 17                   | 350                | 350               | 2*22              |
| <b>HYT122-1100</b> | 16                   | 200                | 200               | 22                |
| <b>HYC122-1100</b> | 16                   | 400                | 400               | 2*30              |
| <b>HYT137-1153</b> | 14                   | 250                | 250               | 30                |
| <b>HYC137-1153</b> | 14                   | 500                | 500               | 2*30              |







# WASHING SCREENS

In washing natural or crushed materials, the product is washed and distilled by showering method in our Flush Screens.

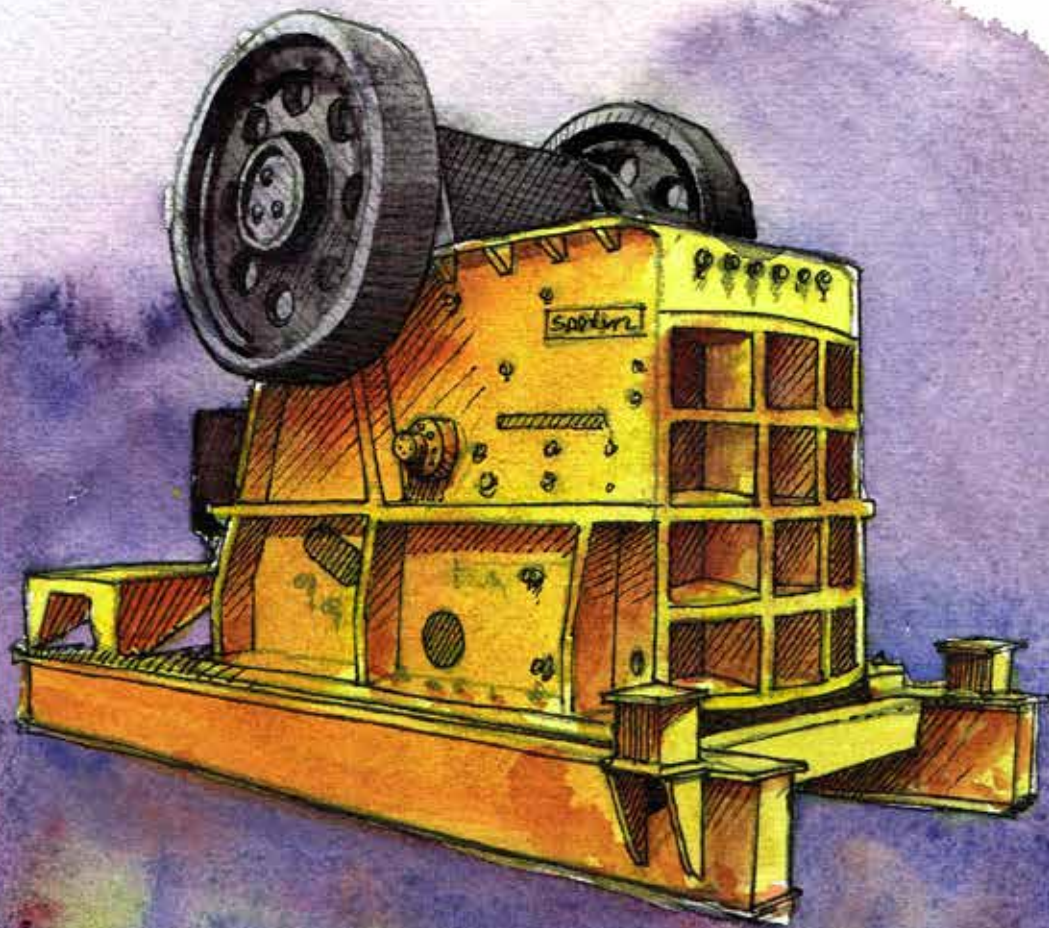
To be stored by the washing spirals of the washers with buckets, it is separated from water and stocked with the help of conveyors.

Showering system in the flush screens allows all materials contact water, get washed and distilled. With the Specially Designed Washing System, you can increase or decrease showering the desired section through the independent valves of the washing pipes located on each floor.

## Technical Specifications

| MODEL                           | YEG 1540 | YEG 1850 | YEG 2060 | YEG2460 |
|---------------------------------|----------|----------|----------|---------|
| Pump Capacity m <sup>3</sup> /h | 80-100   | 150-180  | 200-250  | 250-300 |





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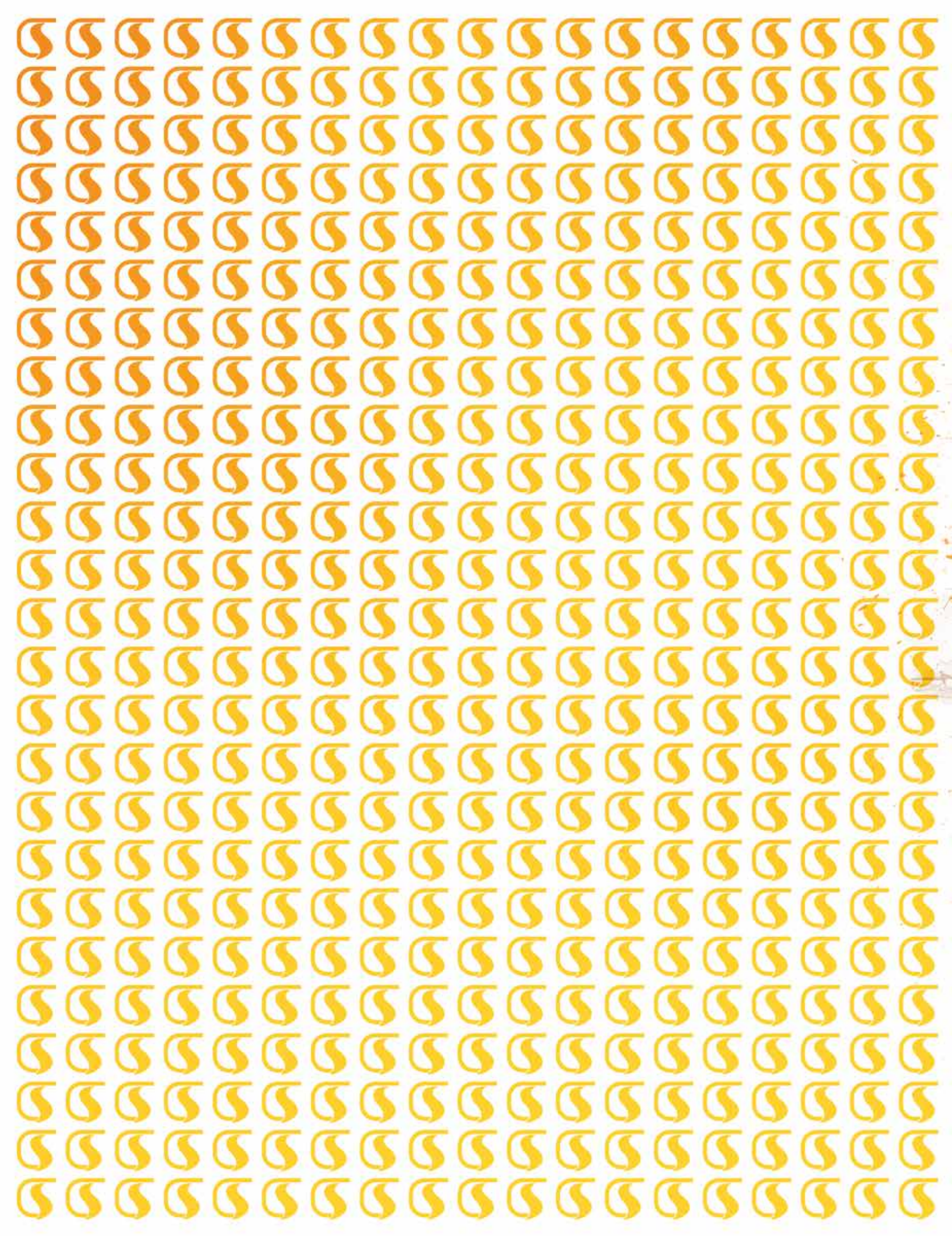


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