

SHANTUI

VALUE THAT WORKS

**SHANTUI FOCUSES ON TECHNICAL INNOVATION AND
SUSTAINABLE DEVELOPMENT ALL THE TIME.**



SHANTUI



SHANTUI About ShanTui

Shantui Construction Machinery Co., Ltd. (hereinafter referred to as “Shantui”) was formerly established as Yantai Machinery Factory in 1952, and was re-constructed with Jining Machinery Factory, Jining General Machinery Factory and Jining Power Machinery in 1980 as Shandong Bulldozer.

It is a state-owned joint-stock listed company, headquartered in Jining City, Shandong Province, with a total area of more than 2,700mu. Main products include more than ten categories of main engine products such as bulldozer series, road machinery series, concrete machinery series, loader series and excavator series etc., as well as accessories for construction machinery, such as chassis part, drive part and structural part etc. At present, its annual production capacity exceeds 10,000 units of bulldozers, 6,000 units of road machineries, 500 units of concrete mixing plants, 150,000 track assemblies, 1,000,000 wheels for construction machinery, 80,000 units of torque converters and 20,000 transmissions, where the bulldozers have ranked first in global production and sales for 16 consecutive years. Shantui is one of the top 50 manufacturers of construction machinery in the world and one of China’s top 500 manufacturers.



Shantui owns a sound sales system and complete sales service network, and its products are sold overseas in more than 160 countries and territories. At present, there are 27 Shantui monopolized stores, 53 agencies and 320 marketing points within the boundary of China. Shantui has more than 100 overseas agents/dealers, as well as more than 10 overseas subsidiaries in the South Africa, United Arab Emirates, Brazil and the United States. In the aspect of service mode, Shantui aims to “build an enterprise that pays most attention to customers’ individual needs and services”, and provides customers with integrated construction solutions; and the humanized and intelligent top-quality service help Shantui win customers’ praise, thus enhancing brand value of the enterprise.

In recent years, Shantui insists on promoting sustainable development by scientific and technological innovation, and is committed to research in the fields of remote control, intelligent network connection and high-power products etc. for leading the industry forward. In 2019, the world’s first 5G remote-controlled high-power bulldozer was commercialized by us, and thus the level of 5G technology application and intelligent manufacturing was further enhanced; China’s highest-power bulldozer was successfully delivered to the customer, filling the technology gap of domestic high-power bulldozers and laying the foundation for the localization of high-power bulldozers. Meanwhile, we have obtained partial result in the digital transformation, our intelligent factory built via the 5G network is maturing, the self-designed intelligent production line and assembly testing equipment have been put into operation.

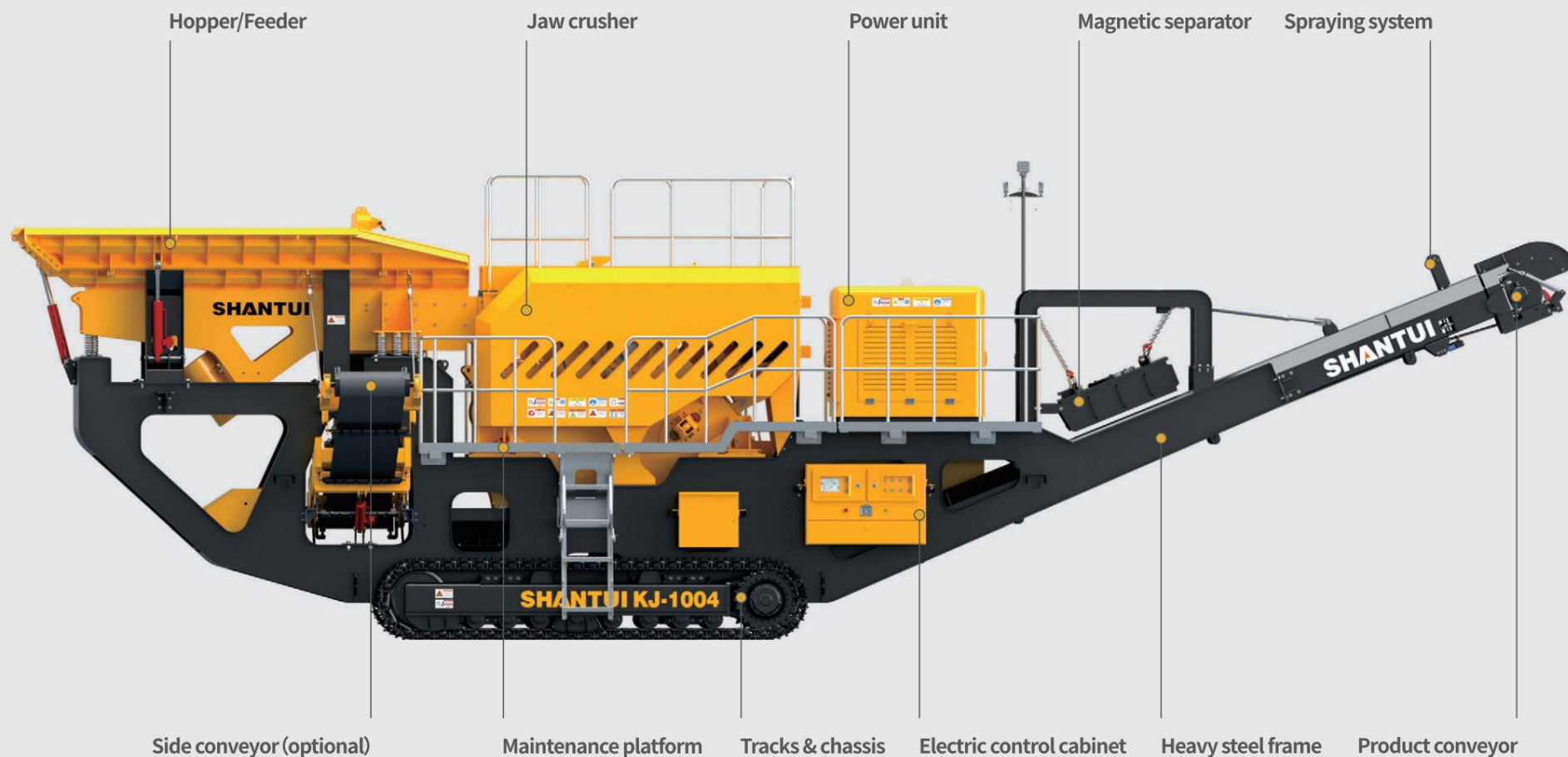
In the future, Shantui Construction Machinery Co., Ltd. will strive to build an international first-class brand of bulldozers, road machinery, loaders, excavators, and concrete machinery, become a leader in new energy and intelligent equipment, and a construction machinery manufacturer with core technology.

SHANTUI

KJ SERIES MOBILE CRAWLER JAW CRUSHING PLANT

EQUIPMENT STRUCTURE

It is applicable to crush and pre-crushing natural raw rock with medium-high hardness.
It can also be directly used in the field of recycled materials



PRODUCT HIGHLIGHTS

- **Power system:** Equipped with multiple drive solutions such as external power supply, oil and electricity hybrid to meet the needs of different working conditions
- **Jaw crushing system:** Long stroke, high-strength fabricated structure, strong power and high reliability
- **Electric control system:** Double layer cabinet, PLC control, shockproof, dust-proof and moisture resistant
- **Frequency conversion system:** frequency conversion system can realize low current starting, prevent motor overload, operate stably and reduce energy consumption;
the unique frequency conversion feeding technology can automatically adjust the feeding speed to enable the crusher maintain full load working state and improve the productivity
- **Others:** wireless remote control, convenient and safer operation. Iron separator and spraying system can be flexible selected.

TECHNICAL PARAMETER

| MACHINE MODEL | KJ-1004 | KJ-1004C |
|-------------------------------|--------------|--------------|
| Max. feeding size (mm) | 560 | 560 |
| Feeding height (mm) | 4150 | 4200 |
| Jaw crusher model | C106 | C106 |
| Jaw crusher power(kW) | 110 | 110 |
| CSS range (mm) | 70 - 200 | 70 - 200 |
| Output capacity (t/h) | 130 - 500 | 130 - 500 |
| Working power (kW) | 138 | 142 |
| Transportation dimensions (m) | 15.5×3.7×3.8 | 16.5×3.5×3.8 |
| Total weight (t) | 47 | 52 |



※ 1. the output capacity is related to the hardness of the rock, the feeding size and the discharge size; 2. standard: manual control, wireless remote; 3. optional: side conveyor, magnetic separator, spraying system;
4. IP55 protection grade of electric cabinet. The above technical parameters are for reference only, the specific parameters are subject to the actual product.

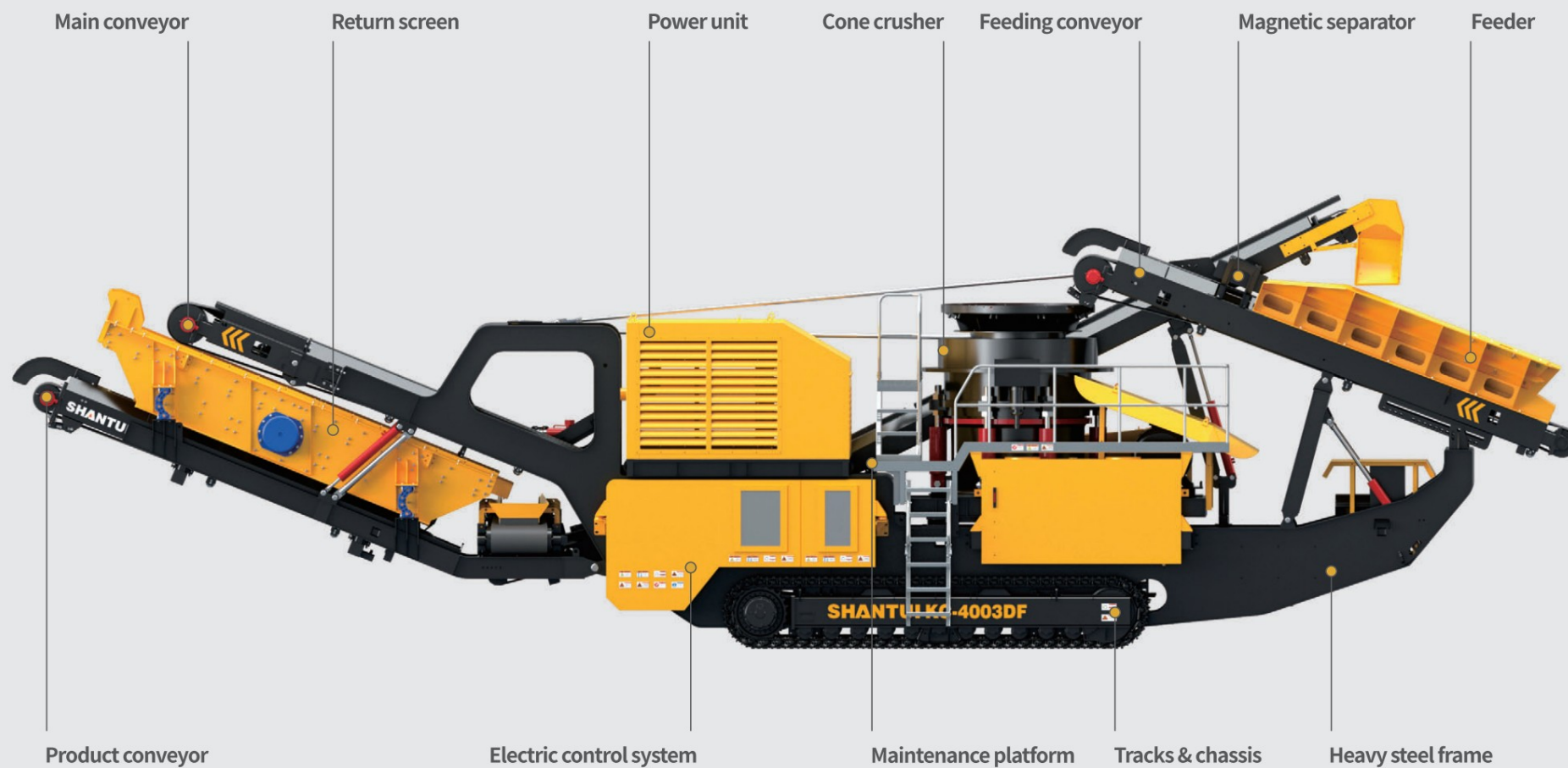
SHANTUI

KC SERIES MOBILE CRAWLER CONE CRUSHING PLANT

EQUIPMENT STRUCTURE

It is specially designed to meet customers' strict requirements for product quality.

Its high performance and reliability can meet different crushing requirements and provide high-quality product with good shape.



KC SERIES MOBILE CRAWLER CONE CRUSHING STATIONS

SHANTUI



PRODUCT HIGHLIGHTS

- Power system: multiple drive solutions are available such as external power supply, oil and electricity hybrid, direct drive to meet the needs of different working conditions
- Cone crushing system: advanced hydraulic cone crusher with high efficiency and good product shape, single cylinder and multiple cylinders can be selected according to different requirements
- Electric control system: touch screen for convenient operation and wireless remote control with safer operation
- Others: The product structure is reasonable, and the field-to-field movement is flexible and convenient.

It can be quickly combined with jaw crushing station and screening equipment to form a complete crushing production line.

TECHNICAL PARAMETER

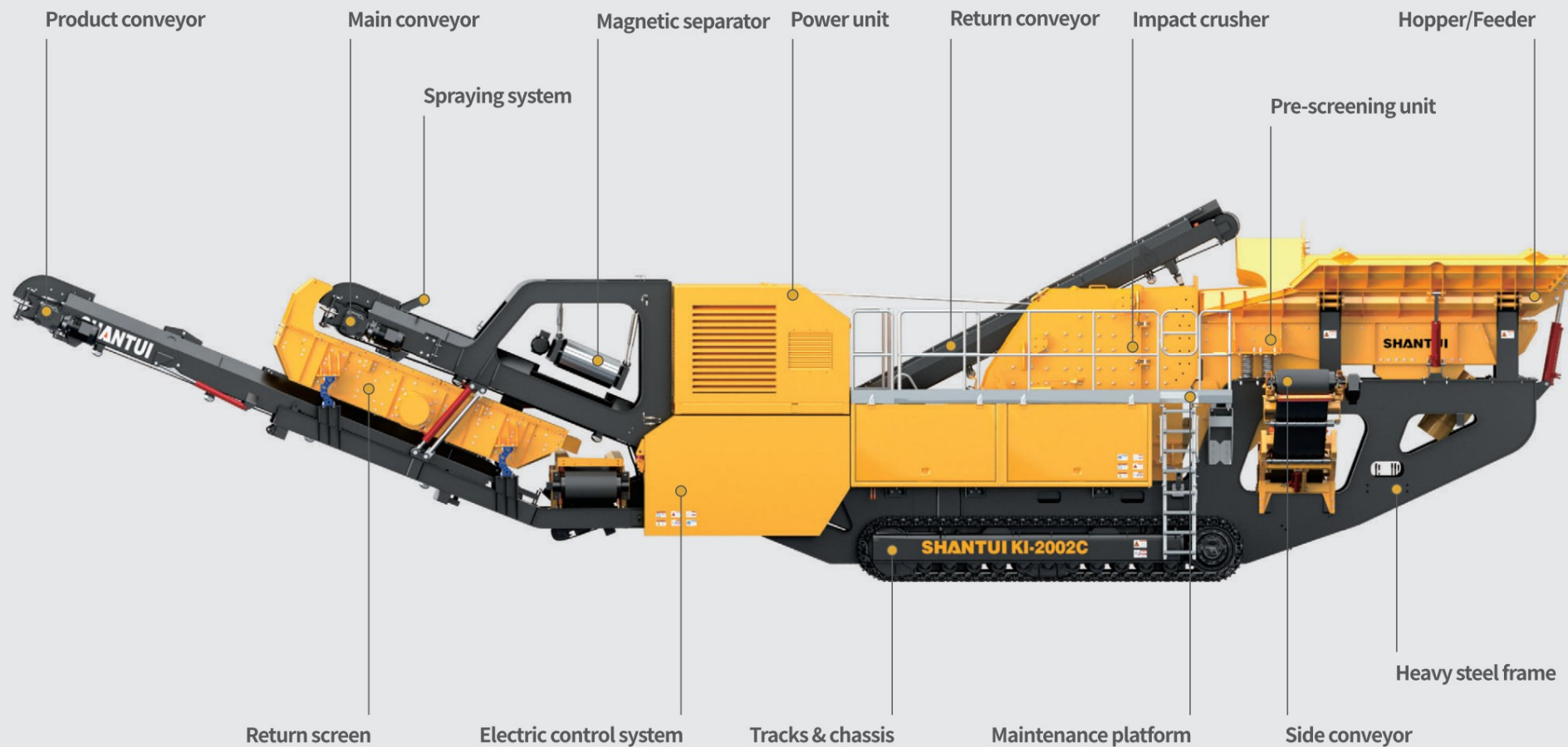
| MACHINE MODEL | KC-4003F | KC-4003DF |
|-------------------------------|-------------|----------------|
| Max. Inlet size(mm) | 215 | 215 |
| Cone crusher model | AGP300 | AGP300 |
| Crusher power(kW) | 250 | 250 |
| CSS range(mm) | 10-45 | 10-45 |
| Output capacity (t/h) | 100-380 | 100-380 |
| Working power (kW) | 317 | 317 |
| Transportation dimensions (m) | 18×3.78×3.8 | 18.5×3.75×3.77 |
| Total weight (t) | 51 | 56 |

※ 1. the potential output is related to the hardness of the rock, the feeding size and the discharge size; 2. standard: manual control, wireless remote, iron separator; 3. optional: spraying system;
4. IP55 protection grade of electric cabinet. The above technical parameters are for reference only, the specific parameters are subject to the actual product.

KI SERIES MOBILE CRAWLER IMPACT CRUSHING PLANT

Its widely used in building, infrastructure, quarrying and mining industries to break soft and medium hard rocks

EQUIPMENT STRUCTURE



PRODUCT HIGHLIGHTS

- **Power system:** multiple drive solutions are available, external power supply, oil and electricity hybrid, direct drive to meet the needs of different working conditions
- **Impact crushing system:** The European version double chamber design, with good product shape, large crushing ratio and heavy rotor, which greatly improves the productivity.
- **Frequency conversion system:** frequency conversion system can realize low current startup, prevent motor overload, operate stably and reduce energy consumption;
the unique frequency conversion feeding technology can automatically adjust the feeding speed to enable the crusher maintain full load working state and improve the productivity
- **Hydraulic system:** Hydraulic adjustment of gap between impact plate and blow hammer
- **Others:** wireless remote control, convenient and safer operation. BRS is available to enlarge the double screen body, which can separate three kinds of materials at the same time to meet customer needs

TECHNICAL PARAMETER

| MACHINE MODEL | KI-2002FC | KI-2002C |
|-------------------------------|----------------|----------------|
| Max. feeding size(mm) | 500 | 600 |
| Feeding height(mm) | 3780 | 4020 |
| Impact crusher model | CF250 | 1213 |
| Crusher power(kW) | 250 | 250 |
| Output capacity (t/h) | 150-360 | 150-360 |
| working power(kW) | 310 | 320 |
| Transportation dimensions (m) | 17.1×3.76×3.82 | 18.65×3.78×3.8 |
| Total weight(t) | 54 | 60.5 |



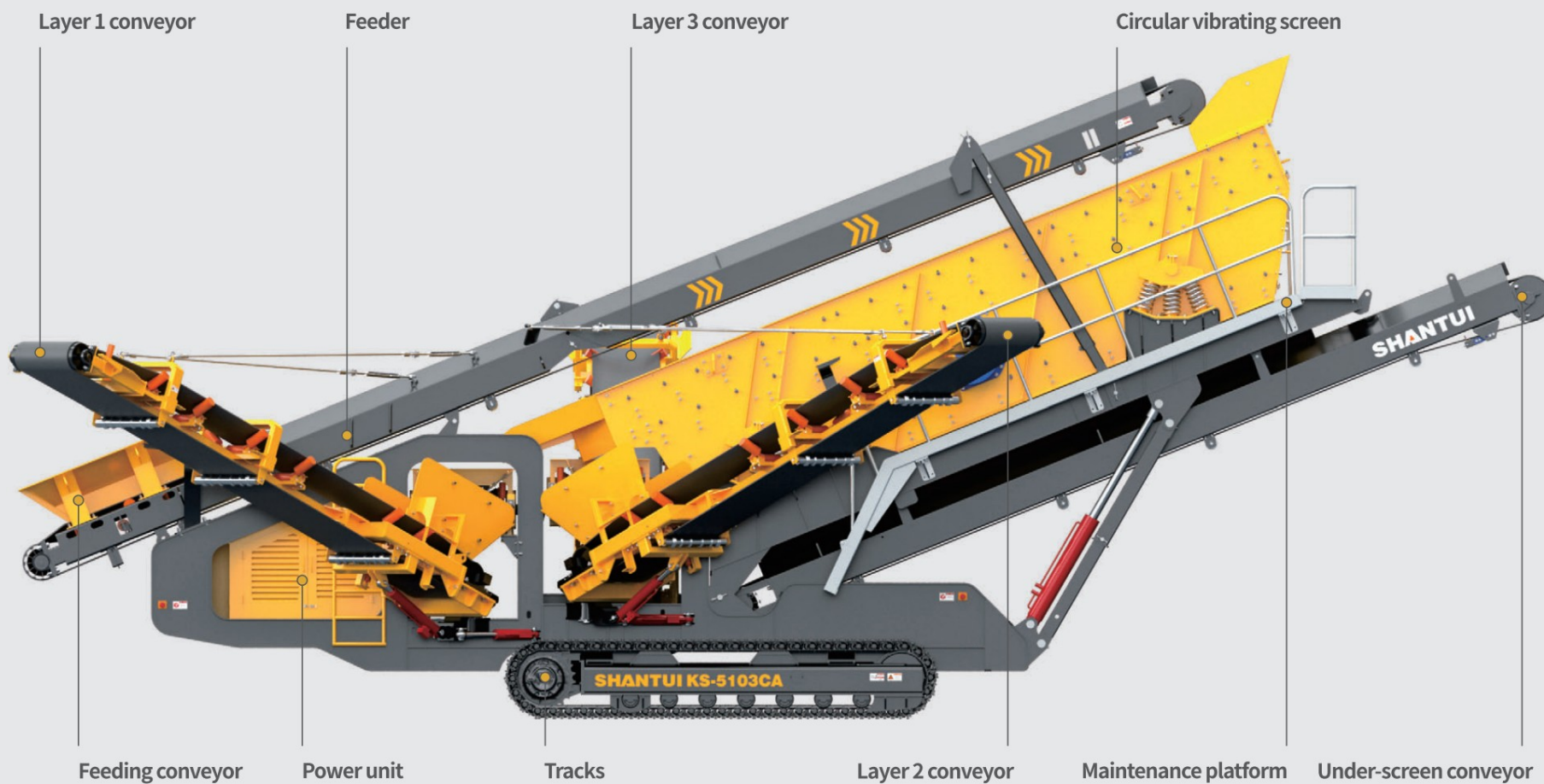
※ 1. the output capacity is related to the hardness of the rock, the feeding size and the discharge size; 2. standard: manual control, wireless remote; 3. optional: side conveyor, magnetic separator, spraying system;
4. IP55 protection grade of electric cabinet. The above technical parameters are for reference only, the specific parameters are subject to the actual product.

SHANTUI

KS SERIES MOBILE CRAWLER SCREENING PLANT

EQUIPMENT STRUCTURE

Its widely used for accurate screening of mixed aggregate product, pre-screening of raw materials before crushing, or screening and washing of raw materials with high percentage of mud content



KS SERIES MOBILE CRAWLER SCREENING STATION

SHANTUI



PRODUCT HIGHLIGHTS

- **Power system:** 3 drive mode, electricity only, electricity oil hybrid, full hydraulic
- **Control system:** multiple control system such as hydraulic control, wireless remote control
- **Mechanical structure:** Folding and compact design, convenient and fast transportation
- **Others:** With unique screen box structure and unique curved screen design, it is conducive to material dispersion, with more outstanding screening capacity. A variety of screen types and other optional configuration solutions are suitable for different materials and working conditions

TECHNICAL PARAMETER

| MACHINE MODEL | KS-5103CA | KS-5103D |
|-------------------------------|--------------|--------------|
| Max screening size (mm) | 150 | 150 |
| Screen dimensions (mm) | 6500×2000 | 6500×2000 |
| Screen deck | 3 | 3 |
| Main screen power (kW) | 26 | 26 |
| Output capacity (t/h) | 180-350 | 180-350 |
| Working power (kW) | 62.5 | 62.5 |
| Transportation dimensions (m) | 14.5×3.6×3.8 | 14.5×3.6×3.8 |
| Total weight (t) | 33 | 33 |

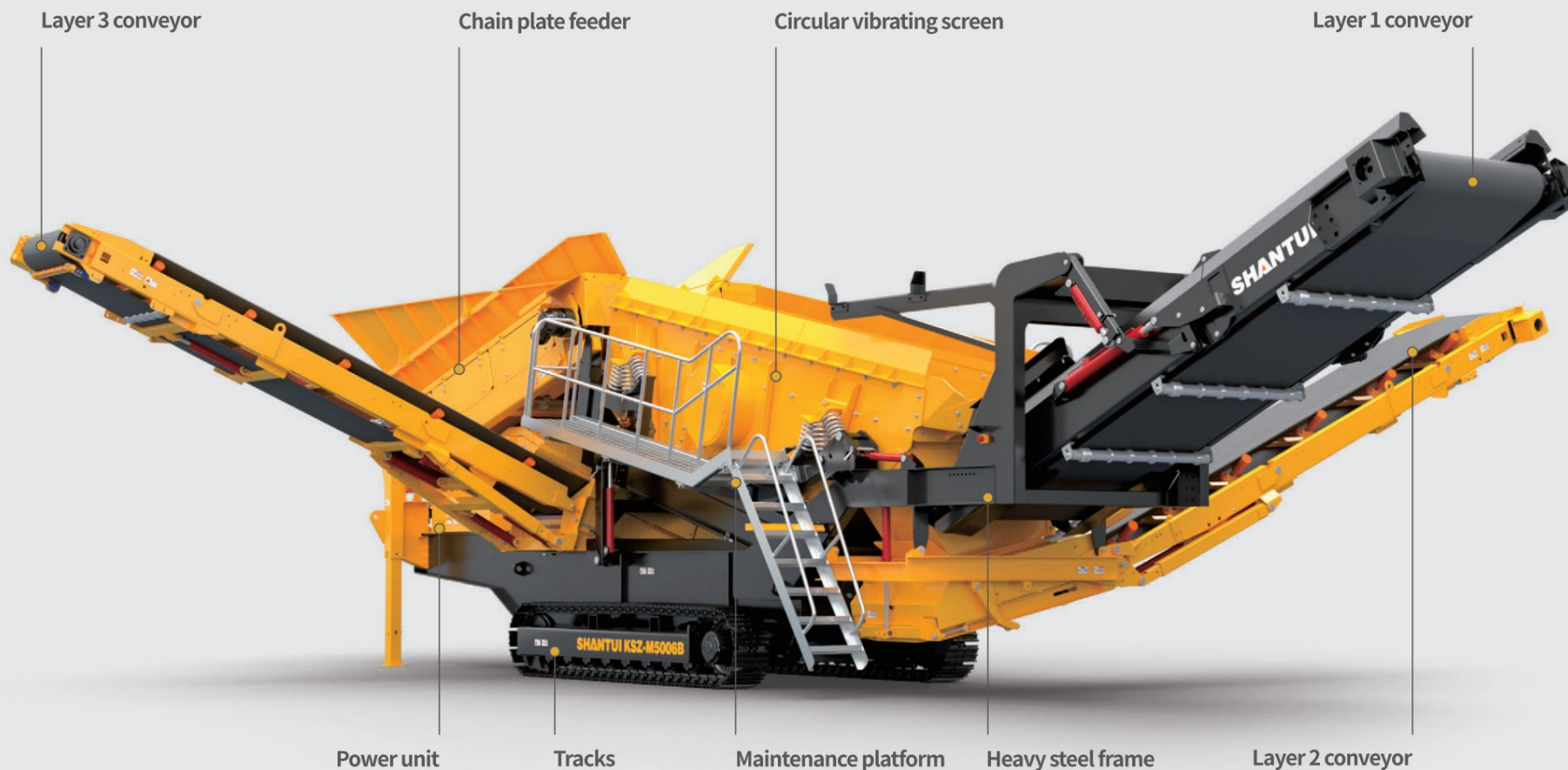
※ 1. the output capacity is related to the hardness of the rock, the feeding size and the discharge size; 2. standard: manual control, wireless remote; 3. optional: spraying system; 4. IP55 protection grade of electric cabinet.
The above technical parameters are for reference only, the specific parameters are subject to the actual product.

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EQUIPMENT STRUCTURE



KS SERIES MOBILE CRAWLER SCREENING STATION

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TECHNICAL PARAMETER

| MACHINE MODEL | KSZ-M5006B |
|-------------------------------|---------------|
| Max screening size (mm) | 500 |
| Screen dimensions (mm) | 5000×1550 |
| Screen deck | 2 |
| Main screen power (kW) | / |
| Output capacity (t/h) | 200-500 |
| Working power (kW) | 120 |
| Transportation dimensions (m) | 18.5×3.65×3.8 |
| Total weight (t) | 35 |

※ 1.the output capacity is related to the hardness of the rock, the feeding size and the discharge size; 2. standard: manual control, wireless remote; 3. optional: spraying system; 4. IP55 protection grade of electric cabinet.
The above technical parameters are for reference only, the specific parameters are subject to the actual product.

SHANTUI

CRUSHING & SCREENING SOLUTIONS

HARD MATERIAL CRUSHING & SCREENING SOLUTIONS

KJ-1004C + KC-4003DF + KS-5103D

JAW

CONE

HORIZONTAL SCREEN



- Widely used as medium crushing and fine crushing of materials processing
- Apply to various of mine rock
- Aggregation crushing in mixing station of pitch and concrete
- Other industry of hard materials crushing

COMBINATION RECOMMENDATION: MOBILE JAW CRUSHING + MOBILE CONE CRUSHING + MOBILE SCREEN

- COMBINATION SOLUTIONS

HARD MATERIAL CRUSHING & SCREENING SOLUTIONS

KI-2002FC + **KS-5103CA**

IMPACT

INCLINED SCREEN

Types of medium hardness materials' preliminary crushing, medium crushing and fine crushing ●

Medium hard mine rock crushing ●

Widely used in mining, construction, railway, highway, hydropower, bridge crushing scenarios ●

Flowing sand & aggregation crushing processing operation ●



COMBINATION RECOMMENDATION:
MOBILE IMPACT CRUSHING + MOBILE SCREEN

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