



CRUSHING PLANTS AND SCREENING PLANTS

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ABOUT PANGIN SERVICES

Pangin Services, as Turkey's leading manufacturer of concrete batching plants and machinery, is a global brand that exports to all countries. Its vision is to create lasting value by providing innovative and sustainable solutions to the needs of its customers worldwide. Focused on excellence, the company aims to maximize customer satisfaction by combining technology and innovation. The advanced production facility in Mersin is supported by strategic investments that contribute to the company's future growth. It aims to establish solid, long-term business partnerships thanks to its reliability, quality and customer-oriented approaches.



STATIONARY CRUSHING PLANT



STATIONARY CRUSHING PLANT

PANGIN Services designs and manufactures stationary crushers. Our stationary crushing and screening plants are optimized for quarries and mining operations, for on-site recycling of materials (hard materials, construction materials, inert materials, etc.).

Their efficient design ensures continuous production of granulates, sand and other materials, since the plant is self-contained.

The main advantage of this type of crushing plant is its high production performance, which can reach several tons per hour (300-350t/h).

STATIONARY CRUSHING PLANT



A stationary crushing plant producing several mineral sizes

STATIONARY CRUSHING PLANT



A stationary crushing plant producing several mineral sizes

STATIONARY CRUSHING PLANT

DATA SHEET

Specifications	Value	Unit
Feeder capacity	8	tph
Feeder size	12000x800	mm
Opening	600x12.000	mm
Discharge belt	800x34.000	mm
Capacity	30 – 650	m ³ /h
Power	65 – 350	kW
Weight	28000 - 95000	kg

MOBILE CRUSHING PLANTS



MOBILE CRUSHING PLANTS

By comparison with fixed crushers, **mobile crushers offer shorter installation times and faster relocation.** That reduces investment risk and opportunity cost for investors, but also avoids unnecessary lifting and construction work once the project is complete.

PANGIN Services mobile crusher plants are designed to meet current customer needs. The structural design, configuration and compatibility of the equipment considerably extend the range of applications for the mobile crushing plant.

MOBILE CRUSHING PLANTS



Our mobile crusher units are deployed in the construction and mining industries. They are wheeled or tracked.

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MOBILE CRUSHING PLANTS

TRANSPORT



PANGIN Services mobile crusher models are designed on a single platform. This allows it to be easily transported by a single tractor.

MOBILE CRUSHING PLANTS

DATA SHEET

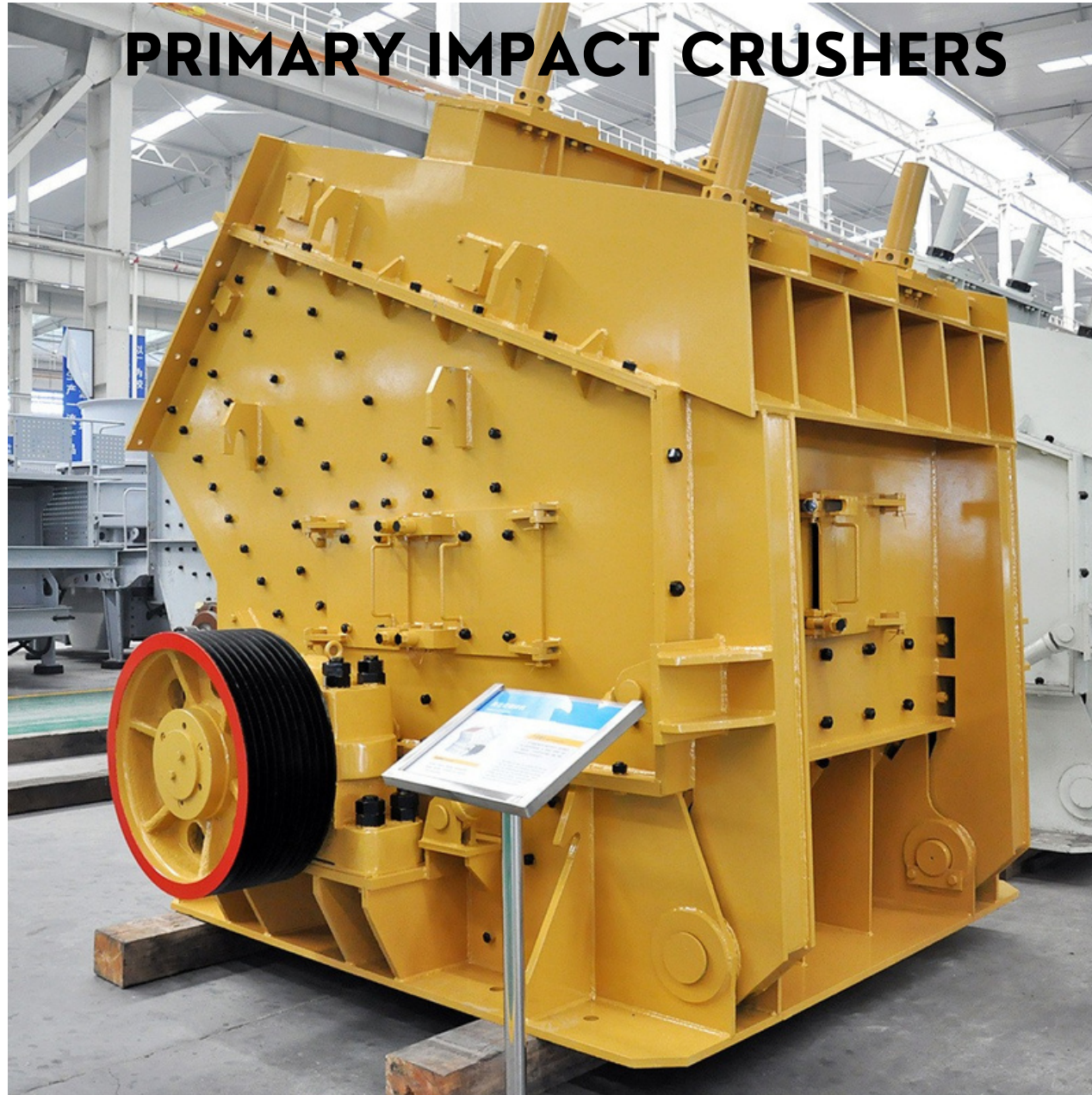
Specifications	Value	Unit
Feeder capacity	4	tph
Feeder size	700x300 – 1200x400	mm
Opening	600x380 – 1.250x1.000	mm
Discharge belt	600x10.000 – 1.000 x 6.000	mm
Capacity	30 – 430	m ³
Power	50-180	kW
Weight	24000 - 70000	kg

PRIMARY IMPACT CRUSHERS

Primary impact crushers are used in aggregate production, mining and recycling applications.

Depending on the type of impact crusher, they offer high reduction ratios and the capacity to produce precisely shaped cubic particles.

PRIMARY IMPACT CRUSHERS



PRIMARY IMPACT CRUSHERS

DATA SHEET

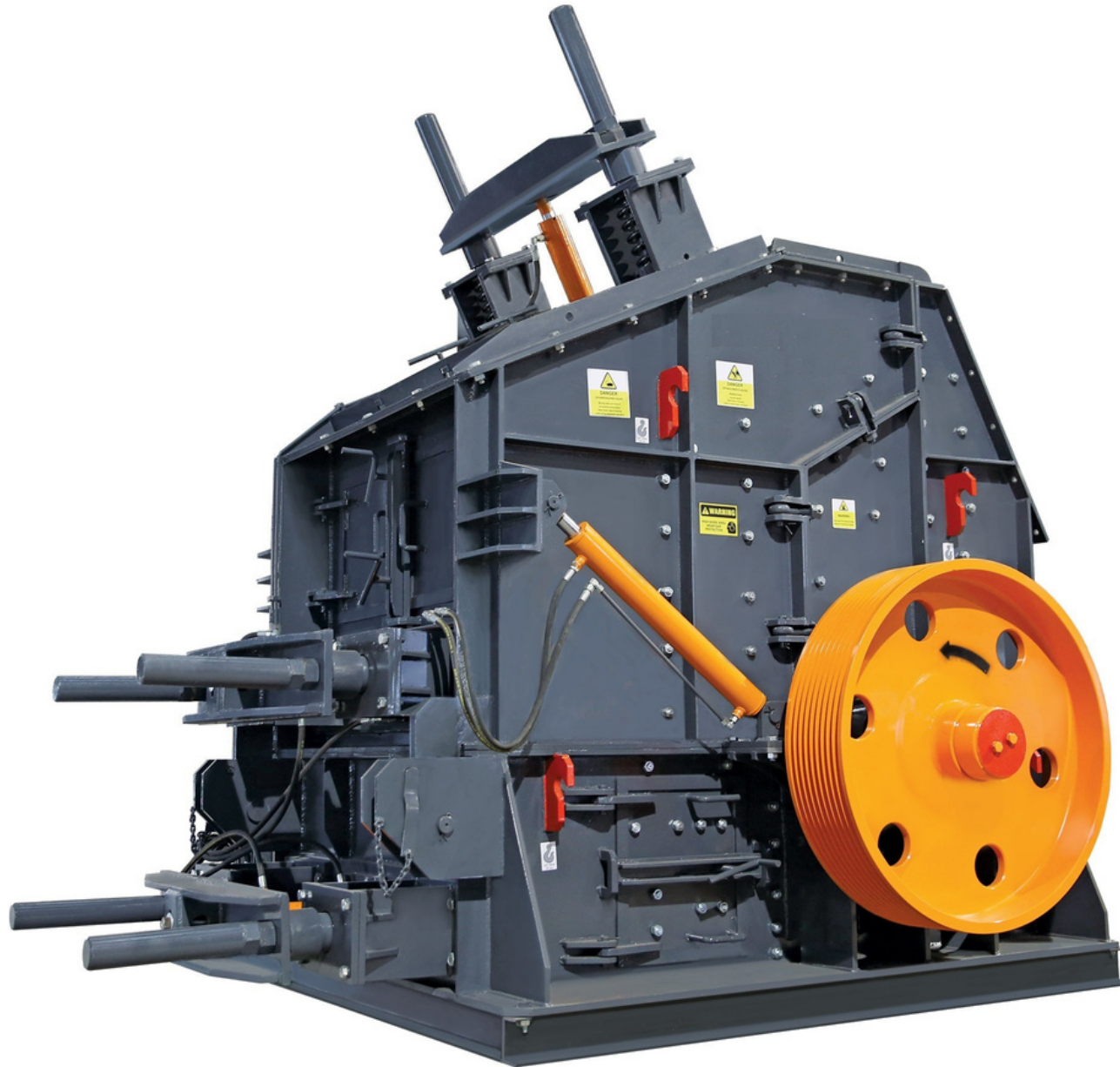
Specifications	Value	Unit
Rotor diameter x width	1200x1000	mm
Feed opening	1050x1050	mm
Max. Feed Size	900	mm
Max. Speed	600	rpm
Power	160	kW
Hammers	4	qte
Breaker capacity	20	qte
Capacity	250	tph

SECONDARY IMPACT CRUSHERS

Secondary impact crushers are widely recognized as the preferred machine for secondary reduction units of medium to low silica content materials such as limestone, dolomitic limestone, dolomite and gypsum.

Large feed opening, cubic products, high reduction ratio, high capacity, low investment and operating costs are just some of the features that make these crushers ideal secondary crushers in complete crushing plants.

SECONDARY IMPACT CRUSHERS



SECONDARY IMPACT CRUSHERS

DATA SHEET

Specifications	Value	Unit
Rotor diameter x width	1200x1000	mm
Feed opening	1000x800	mm
Max. Feed Size	600	mm
Max. Speed	650	rpm
Power	15	kW
Hammers	4	qte
Breaker capacity	20	qte
Capacity	160	tph

TERTIARY IMPACT CRUSHERS

Tertiary impact crushers are high-speed machines used to obtain crushed stone powder and crushed sand of less than 5 mm.

All our crushers, designed with the end-user needs, are set up with hydraulic pistons so that belt changes can be made easily.

Our rotors, the most important part of our machines, are designed to withstand the toughest conditions and are precision-treated after stress relief.

TERTIARY IMPACT CRUSHERS



TERTIARY IMPACT CRUSHERS

DATA SHEET

Specifications	Value	Unit
Rotor diameter x width	1200x1000	mm
Feed opening	1050x500	mm
Max. Feed Size	200	mm
Max. Speed	750	rpm
Power	185	kW
Hammers	3-8	qte
Breaker capacity	24	qte
Capacity	110	tph

JAW CRUSHERS

Jaw crushers are a perfect combination of advanced technology and practicality, featuring high automation, convenient adjustments and simple operation.

Our crushers are widely deployed in the crushing industry, and can crush a wide range of stones such as limestone, granite, basalt, river stone and so on.

JAW CRUSHERS



JAW CRUSHERS

DATA SHEET

Specifications	Value	Unit
Feed opening Width	400 - 1400	mm
Feed opening Depth	250 - 1100	mm
Jaw length	640 - 200	mm
Power	15 - 200	kW
Speed	360 - 220	rpm
Adjustment	20 - 280	mm
Capacity	40 - 650	tph

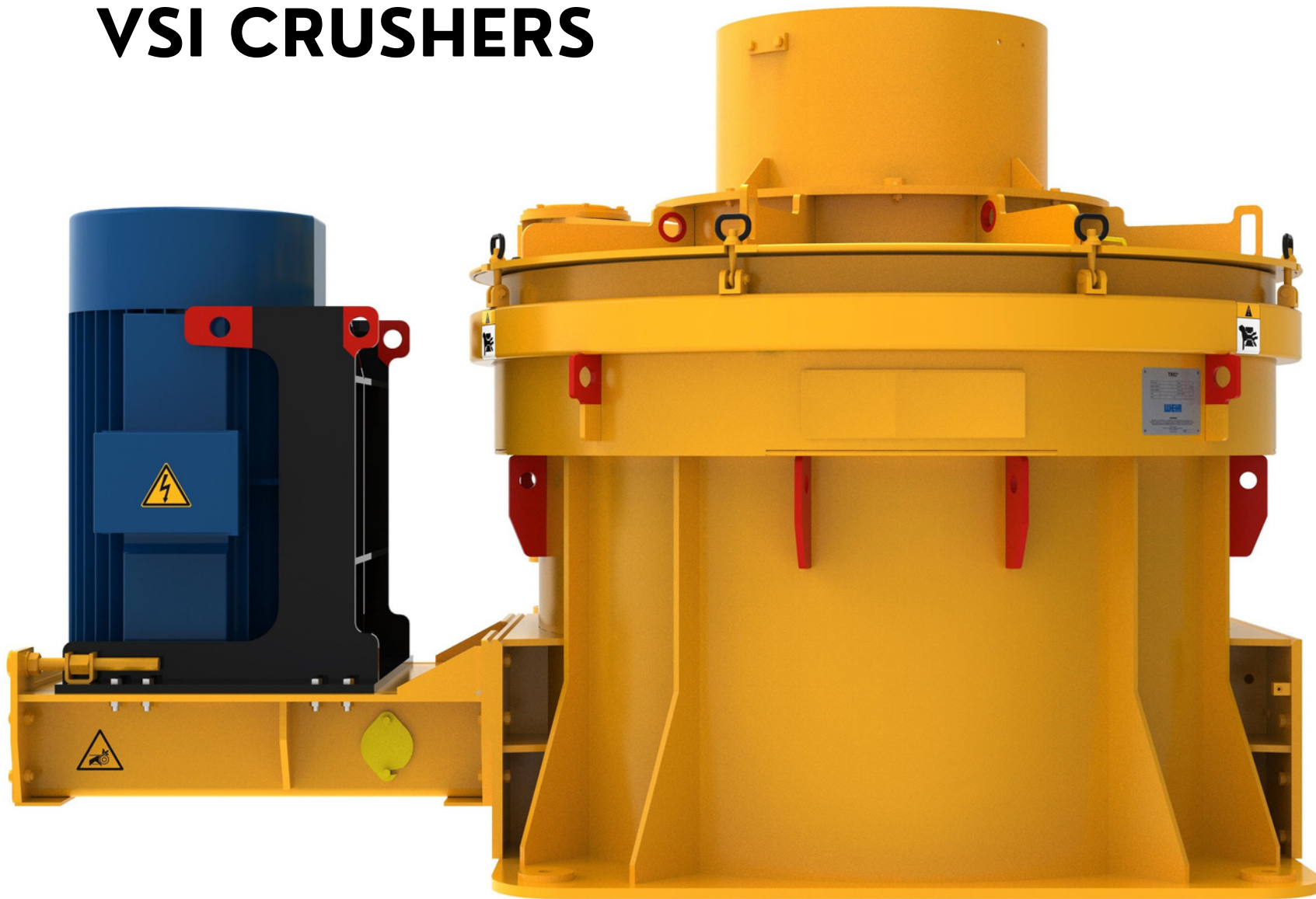
VSI CRUSHERS

A VSI crusher, or vertical shaft impact crusher, is used for most crushing applications.

The main uses will be in quarries and gravel pits to produce products for roads and asphalt, ballast, manufactured sand for concrete and aggregates for the construction industries.

VSI crushers are commonly used to produce high-quality aggregates for bridges, buildings and tunnels.

VSI CRUSHERS



VSI CRUSHERS

DATA SHEET

Specifications	Value	Unit
Rotor Diameter x Width	1200x1000	mm
Max. Power supply dimension	45	mm
Max. Speed	2200	rpm
Power	132 - 600	kW
Capacity	100 - 1200	tph
Slowness	11000	kg

VIBRATING SCREENS

This is a new type of high-efficiency multi-layer vibrating screen, adopting a cylinder-type eccentric shaft vibration exciter and eccentric block to adjust amplitude, it has a long screening line and can sort products of different sizes.

It is widely used in the mining, building materials, transportation, energy and chemical industries.

VIBRATING SCREENS



VIBRANTING SCREENS

DATA SHEET

Specifications	Value	Unit
Width	1.200 – 2.400	mm
Length	4.000 – 7.200	mm
Surface area	4.8 – 17.3	
Number of stages	1 – 3 -4	
Power	7.5 - 11	kW
Max. feed size	200	mm
Max. separation	70	mm
Vibration type	Mouvement circulaire	
Max. capacity	200 -1000	tph

FEEDERS

Feeders are used to measure material flow to meet the specified throughput of the crushing or processing system. They perform an important role in material handling in many mining, aggregate and other industrial applications.

They load stones and rocks into jaw crushers and impact crushers.

FEEDERS



FEEDERS

DATA SHEET

Specifications	Value	Unit
Width	1.000 – 2.200	mm
Length	5.000 – 7.000	mm
Power	22 - 132	kW
Power supply size	50 – 1.500	mm
Drive system	Hydraulique ou Mécanique	
Max. capacity	4	tph

BELT CONVEYORS

Belt conveyors are machines that undertake the task of transporting bulk materials from fixed feeding positions to certain locations, and perform this task non-stop.

If thousands of tons of bulk material per hour need to be transferred to another location, the use of belt conveyors is the best option.

Especially in mining, steelmaking and thermal power plants, the main load-bearing element in the transport of ore, coal, lime and sinter is the belt conveyor.

BELT CONVEYORS



BELT CONVEYORS

DATA SHEET

Specifications	Value	Unit
Power	3 - 60	kW
Max. power supply size	100 - 400	mm
First equipment $V=1.5\text{m/s}$	120 – 1.600	tph
Second material $V=1.8\text{m/s}$	150 – 1.900	tph
Thin material	180 – 2.400	tph

GRAVEL AND SAND WASHING SYSTEMS

Our mobile aggregate washing plants are designed to streamline your aggregate processing workflow. These wheel-mounted mobile machines can screen, wash, classify and dewater, ensuring consistent material quality and efficient production.

As one of the few companies to manufacture all processing and material handling components in addition to the chassis, our customers are entitled to unrivalled customization.

Whether fine-tuning existing designs or meeting specific requirements with a brand-new model, we are committed to providing solutions that match your needs.

GRAVEL AND SAND WASHING SYSTEMS



GRAVEL AND SAND WASHING SYSTEMS

DATA SHEET

Specifications	Value	Unit
Spiral dimensions	600x600	mm
Power	5.5	kW
Speed	24	t/min
Capacity	30	tph
Water requirement	30-110	m ³ /h



Concrete mixers. Concrete plant. Crusher

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