

Mobile Secondary Crushing And Screening Plant Dragon 4000

Models	Max. Feed Size (mm)	Capacity (t/h)	Final Size mm (Adjustment Type)	Motor Power (kW)
Dragon 4000	0 – 300 mm	250 – 375 t/h	0 - 20 mm	300 Kw



As request taken only one

size.

1 - MOBILE SECONDARY CRUSHING AND SCREENING PLANT DRAGON 4000

Capacity : 250 – 375 t/h

HDK SERIES 12.13 (IMPACT CRUSHER SYSTEM)

Type HDK 12.13 S

Rotor Size Ø 1200 x 1350 mm.

Rotors Impulse observer

Max.Feed Size 350 mm

Palette of rotor -18 Mn&Cr alloyed steel casting

Palette of adjustmen rod -18 Mn&Cr alloyed steel casting

Side armours Hardox 500

Rotors armours Hardox 500

Power 200 - 250 kW 1500 rpm

Power transmission Power transmission by V belt and pulleys

Main Conveyor Belt

1000 mm

VIBRATING SCREEN High Capacity Type

Type TE2050x3

Dimension 2200 x 5500 mm

Number of decks 3

Working angle 18°

Screen Power 22 kW

Welded steel construction frame, mounted on heavy duty helical springs, circular motion generation

by eccentric-weights, no blinding of screen openings, rapid tensioning of screen cloth, adjustment

of vibration amplitude, self aligning tapered roller bearings, effective sealing, grease lubrication.

Screen Stock Conveyor Belt

1 unit 1000 mm

Stock Conveyor Belt

2 unit 600 mm

Feedback Conveyor Belt

2 unit 600 mm

Mobile Chassis : 3 axle chassis

Control Board : Siemens Brand Electrical Equipment

* Remote Control for One-Man-Operation.

* Hydraulic System

Standard Equipment

Dust Control System - Dust Reduction

Optionals

Generator (Cummins ,Perkins , Cat , Doosan) Engine power 400 kva generator (Optional)

Magnet Conveyor Belt (Optional)

Mobile Secondary Crushing and Screening Plant Dragon 4000

Maximum feeding size : 350mm

Ideal feeding size: 0 - 250 mm

Final size : 0 - 20 mm (0-5 mm , 5-12 mm ,12-20 mm or requested three types material and plus by-pass output production)

** All our products are CE certified by the European Union.

DRAGON 4000

Material : Limestone Feeding size : 0 - 300 mm

Rotor Speed : 38 m /sc Adjustment : 25 mm

Capacity : 250 - 375 t/h





Why New Generation Dragon Mobile Crushing and Screening Plants?

Classical mobile plants need to combine some mobile platforms to become a plant. This means long assembly time for installation which causes to time and labour loss. With our new generation mobile plants, all plant equipments are at only one platform. It can be ready to use in short time. The established plant can be transferred in couple hours. The other benefits are:

- It can be established at small areas with the help of its compact structure.
- Transferring by just one track provides easa of transport.
- It can be started immediately and saves cost of basement thanks to run without fixed with concrete.
- Controlling by only one person provides ease of use.
- New generation crushing plants need minimum maintenance thanks to its latest technology.
- It saves cost of basement and provides low initial investment cost.
- It can operate high gradation ratio process by itself that needs more then one machine to be completed. There are 2 or 3 different types of crushers such as primer, seconder and tertiary. In our system, we have latest technology crusher which is capable of doing alone what the other crushers can be made. Gradation ratio is very high thanks to tough and big tune blocks. There are up to 50 times dilution curve.
(This option is available for Dragon 7, 9, 10, 15, 20)
- It can work with both electricity system and generator depends on your request.
- Production cost per ton is %50 more lower.
- New generation mobile systems' energy consume is about 50 to 60 % according to the classical plants.
- One of the biggest avantage ,it has ivariety of aggregates for concrete asphalt plants.(It can produce three types of products).

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