

# Mobile Secondary Crushing And Screening Plant Dragon 5000



Models	Max. Feed Size (mm)	Capacity (t/h)	Final Size mm ( Adjustment Type )	Motor Power (kW)
Dragon 5000	0 – 250 mm	200 – 300 t/h	0 - 20 mm	240 Kw

As request taken only one size.

Mobile Secondary Crusher and Screening Plant Dragon 5000

Capacity : 200 - 300 t/h

Cast frame with thrust bearing, mainshaft, seat liners  
 Adjustment ring and clamping ring, clamping by clamping cylinders and pin bushings  
 Overload protection by double-acting cylinders and accumulators  
 Countershaft assembly with shaft, pinion and bushings  
 Lock bolt assembly with feed cone  
 Bowl assembly with adjustment box  
 Hydraulic motor for setting adjustment and ring gear  
 Head with inner bushings and spherical bearing  
 Eccentric assembly with inner bushing, thrust bearing, gear, counterweight and counterweight liner  
 Socket assembly with socket and socket liner  
 Crusher oil piping

Liners

Liners standard coarse equipment

Lubrication / Hydraulic

Voltage and Frequency 220/380 V 50 Hz control voltage 24 VDC

Electric / Automation

Automation level local PLC unit

Lub unit equipped with temperature switches

Motor / Drive

Main motor voltage:

Standard

Crusher speed : 830 RPM

Motor Power : 200 kW

Other Additionnal Equipment

Sub-frame, motor frame, guard and rubber pads for horizontal drive

Main Feed Belt 1000 mm

Vibrating Screen (High Capacity)

Type :TE2050x3

Dimension :2000 x 5000 mm

Number of decks :3

Power : 22 kW

Welded steel construction frame, mounted on heavy duty helical springs, circular motion generation by eccentric-weights, 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 Units 600 mm

Feedback Conveyor Belt

2 Units 600 mm

Mobile Chassis : 2 axle chassis

Remote Control for One-Man-Operation.

Hydraulic System

Control Board : Siemens Brand Electrical Equipment

Standard Equipment

Dust Control System - Dust Reduction

Optionals

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

Magnet Conveyor Belt (Optional)

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Maximum feeding size : 250mm

Ideal feeding size: 0 - 250mm

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 )

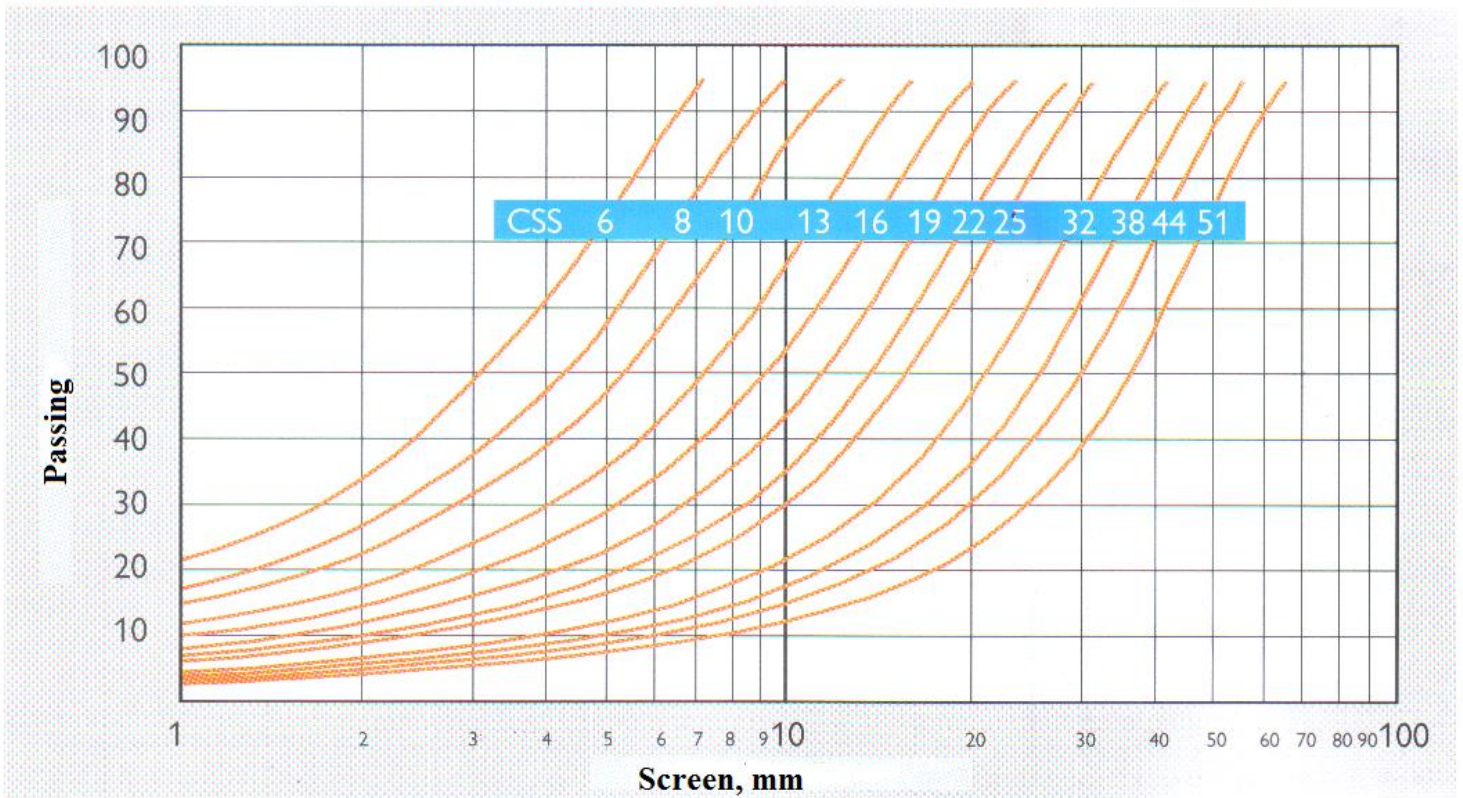
Transport Dimensions (WxHxL): 3000x4500x14000mm

Total Weight: 46,000 kg

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

Dragon Cone Crusher	16 mm	19 mm	22 mm	25 mm	32 mm	38 mm
Dragon 5000 Cone T/h	155 - 200	165 - 210	175 - 220	185 - 240	210 - 260	230 - 270

# Dragon Cone Crusher



## 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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