

New Generation Mobile Crushing and Screening Plant Closed Circuit Type Turbo 900

Model	Max. Feed Size (mm)	Capacity (t/h)	Final Size mm (Adjustment Type)	Motor Power (kW)
Turbo 900	900 x 650 mm	120 – 200 t/h	0 - 20 mm	235 Kw
The earth is taken from by-pass Conveyor. As request connected to main conveyor.				
Whit bypass conveyor , can be taken three different sizes buy stock conveyor.				
As request taken only one size.				



Mobile Crusher and Screener Plant New Generation - New Type Turbo 900

Mobile Crusher Plant (Hard Material Crusher) Capacity 120 – 200 T/H

TURBO 900 Was designed for producers and contractors that require a complete system in a portable configuration.

The TURBO 900 is equipped with a vibrating grizzly feeder with loading hopper, primary jaw crusher , secondary crusher (Impact Crusher or Cone Crusher), 3-deck sizing screen, all on-plant transfer conveyors and stacking conveyors to stockpile the final products.

This system will provide producers with a complete 2-stage crushing and screening system that can produce up to 3-sized products in one single package.

The plant can be equipped with multiple axle configurations and other features to enhance its portability.

New System Mobile Crusher Plant Turbo 900

Mobile Chassis

Dragon 900 wheel suspension

Total Fourteen(14) Blocking Legs

Airbrakes, running lights, and mud flaps

Fixed walkway on both sides of cone with hand rails and kick plate

Walkways and ladders both sides of screen & front cross over

Access ladder to chassis

Hydraulic raise and lower screen subframe

Hydraulic Levelling System

Six (6) hydraulic levelling jack system

Hydraulic System and Hydraulic Legs

Feeder Module

Mobile Chassis: 3 axle chassis

Feeder and Hopper

Vibrator System

Feeder Grizzly System

Feeder Size : 1000x 3800 mm , Hopper 12m3

2 nos. Vibrator adjustable throw amplitude italvibras or Oli Brand

Jaw Crusher 900 x 650mm

Size: 900x650 mm Primary type

Motor power: 75-90 kW

Jaw Crusher Is Setting Mechanism can be adjusted easily.

Main Conveyor System

Size : 900 mm

Type tracked conveyor.

High Capacity Vibrating Screen

Size : 1800x4500 mm 3 Deck

Motor Power 18.5 KW

Hidrocone 900 Cone Crusher

Motor : 110 kW Motor

Stock Conveyor 3 Unit

Feedback Conveyor Belt 2 Pcs

600 mm - 750 mm

Standard Equipment

Extra Hopper + 10 m3

Dust Control System - Dust Reduction

Bypass Conveyor Belt

Optionals

Generator (Cummins ,Perkins , Cat , Doosan) Engine power 450 kva generator **(Optional)**

Magnet Conveyor Belt **(Optional)**

Mobile Crusher Plant Turbo 900

Maximum feeding size : 900mm x 650mm

Ideal feeding size: 0 - 600mm

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): 3200 x 4500 x 19000mm

Total Weight: 60,000 kg

JAW CRUSHER CLOSED SIDE SETTING CAPACITY (T/H)

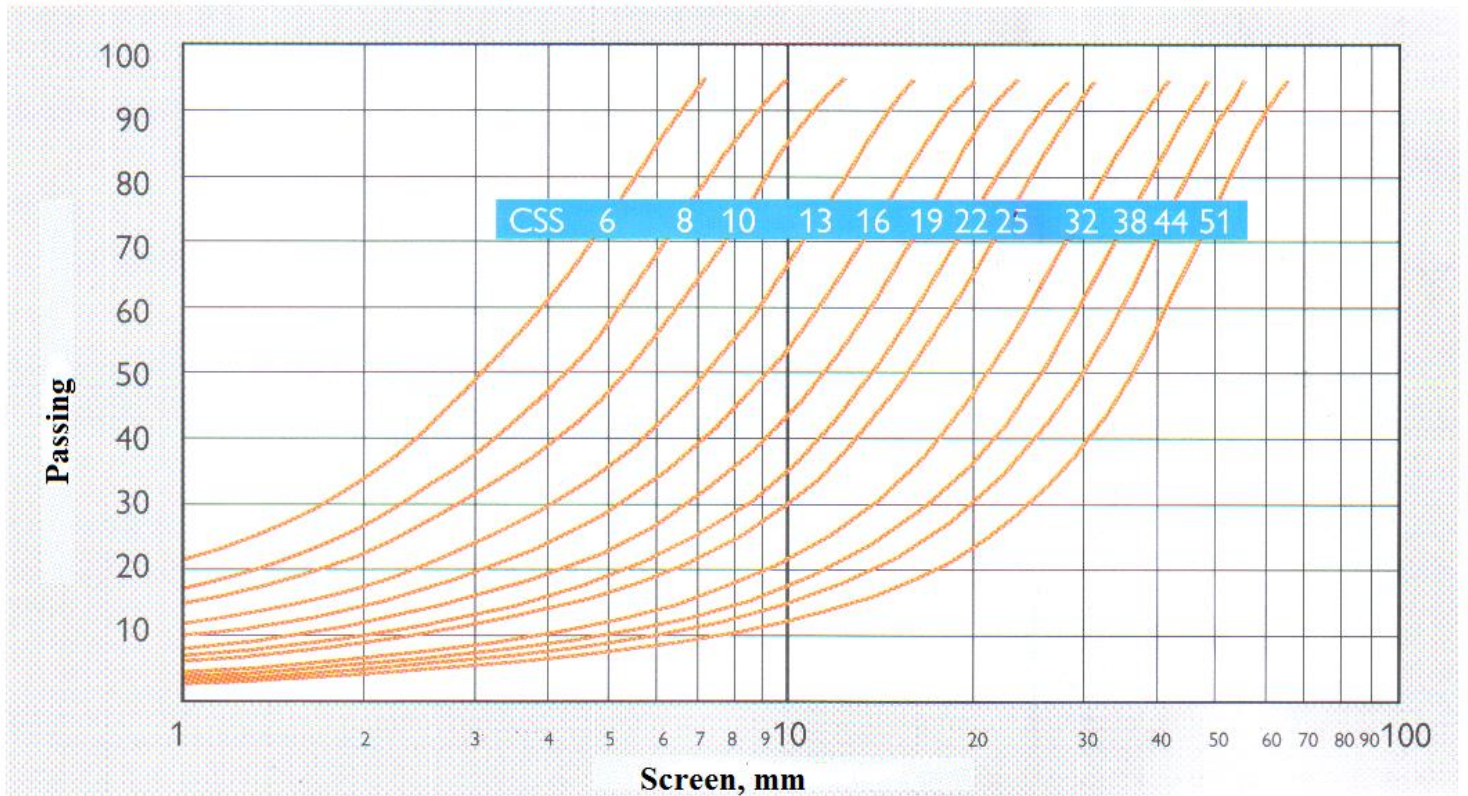
Jaw Cursher Cruser Closed Side Setting (mm)	900 x 650 Output Capacity (t/h)
20	
25	
30	
40	
50	
60	50 - 78
70	60 - 80
80	65 - 90
90	72 - 100
100	78 - 110
125	90 - 130
150	105 - 160
175	135 - 200
200	175 - 240
250	

Turbo 900: Hidro Cone

Feeding Size: Max. 135 mm

Cone Crusher	10 mm	13 mm	16 mm	19 mm	22 mm	25 mm	32 mm
Cone 900 T/h	57 - 70	60 - 80	70 - 90	75 - 95	80 - 100	85 - 115	105 - 140

Dragon Cone Crusher



DRAGON MACHINERY



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DRAGON CRUSHERS

Crusher Plants Company

Dragon Crushers Inc.'s line of Dragon 7- 9-10-15-20-25 , Turbo 600,900,950 portable plants are designed for a wide variety of applications. Though each plant is different, each is the same in fundamental ways: Portability, dependability, durability, competitive capital costs, low cost maintenance and designed to meet customer's needs.

Portability has been a major concern for customers along with quick setup time.

We have accommodated our customers' concerns by making most of our plants portable in one single unit.

Since our plants are portable in one piece they use minimal time in set-up and tear-down. To further reduce set-up and tear-down time, all plants come standard with telescoping screw jack legs or optional hydraulic lifting legs for fast set-up and to eliminate the time consuming task of cribbing.

We have designed our plants to be able to be placed and running in minimal time providing our customers with reduced set-up costs and increased productivity.

We have proven the dependability and durability of our plants with years of service in the field.

These plants have crushed everything there is to crush and run day-in and day-out and they're still going strong. We constantly look for ways to improve our designs, make our plants better and continue to out last the competition. Our plants are designed with the idea that a plant should be easily maintained.

We understand the time spent maintaining a plant is time that could be spent producing material.

We strive to design our plants to minimize the time needed to do the necessary maintenance. Dragon Crushers specializes in design and application the right product and the right flow plan to accomplish your particular job. Many of our plants are designed around our customer's specifications but we always keep an eye on flexibility. Since our plants are designed with our customer's needs in mind we are able to build a more efficient plant and/or eliminate the need for additional equipment to accomplish the same task.

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

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 ease 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 than 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 advantage, it has a variety of aggregates for concrete asphalt plants. (It can produce three types of products).

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