

New Generation Mobile Crushing and Screening Plant Closed Circuit Type Turbo 600

Model	Max. Feed Size (mm)	Capacity (t/h)	Final Size mm (Adjustment Type)	Motor Power (kW)
Turbo 600	600 x 400 mm	60 – 100 t/h	0 - 20 mm	180 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.				

TURBO 600 Was designed for producers and contractors that require a complete system in a portable configuration.

The TURBO 600 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 600

Mobile Chassis

Dragon 600 wheel suspension
 Total Fourteen(12) 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 2 axle chassis

Feeder and Hopper

Feeder Size : 750x 3000 mm Hopper 10 m³

Vibrator System Feeder

Grizzly System Feeder

2 nos. Vibrator adjustable throw amplitude italvibras or Oli Brand

Jaw Crusher 600 x 400 mm

Size: 600x400 mm Primary type

Motor: 30 kW

Jaw Crusher Is Setting Mechanism can be adjusted easily.

Main Conveyor System

Type tracked conveyor.

High Capacity Vibrating Screen

Size : 1300x4000 mm 3 Deck

Motor : 11 Kw

Impact Crusher (Hard Material Crusher)

1100x 750mm

Motor : 90-160 Kw

Stock Conveyor

3 Unit

Feedback Conveyor Belt 2 Pcs

500 mm - 600 mm

Control Board : Siemens Brand Electrical Equipment

Remote Control for One-Man-Operation.

Standard Equipment

Extra Hopper + 8 m³

Dust Control System - Dust Reduction

Bypass Conveyor Belt

Optionals

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

Magnet Conveyor Belt **(Optional)**

Mobile Crusher Plant Turbo 600

Maximum feeding size : 600mm x 400mm

Ideal feeding size: 0 - 400mm

Final size : 0 - 25 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 : 41.000 Kg

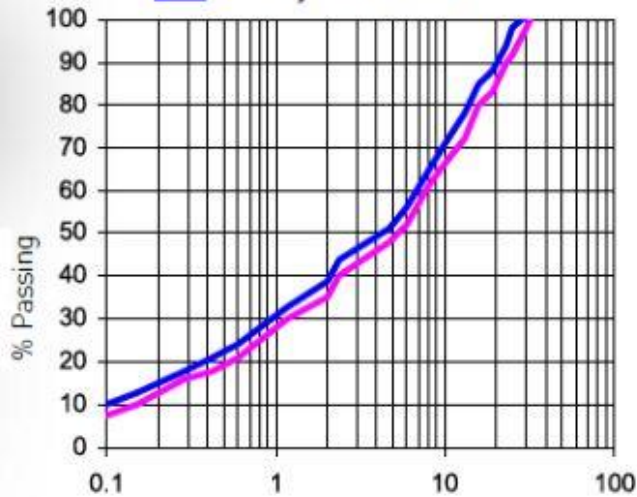
JAW CRUSHER CLOSED SIDE SETTING CAPACITY (T/H)

Jaw Crusher	600 x 400
Crusher Closed Side Setting (mm)	Output Capacity (t/h)
20	
25	
30	
40	10 - 20
50	20 - 40
60	30 - 50
70	40 - 55
80	50 - 60
90	55 - 65
100	60 - 75
125	65 - 80
150	
175	
200	
250	

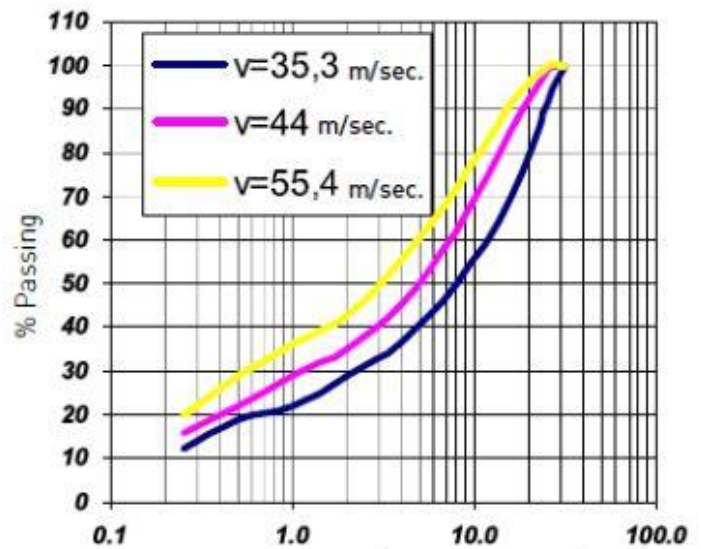
TERTIARY CRUSHER

Production Curve

Adjustment: 32mm
Adjustment: 25m



Production Curve





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 ivariety of aggregates for concrete asphalt plants.(It can produce three types of products).

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