

# New Generation Mobile Crushing and Screening Plant Closed Circuit Type Dragon 10

Model	Max. Feed Size (mm)	Capacity (t/h)	Final Size mm (Adjustment Type)	Motor Power (kW)
Dragon 10	950 mm	150 – 250 t/h	0 - 20 mm	236 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 Chassis

Dragon 10 wheel suspension

Total teen(10) blocking legs four(4) of them hydraulic ally operated

Airbrakes, running lights, and mud flaps

Fixed walkway on both sides with hand rails

Walkways and ladders both sides of screen & front crossover

Access ladder to chassis

Hydraulic System and Hydraulic Legs

Mobile Chassis 3 axle chassis

Four (4) hydraulic levelling jack system

## Hopper and Feeder

Hopper: 13 m<sup>3</sup>

Vibrator System

Feeder Grizzly System

Feeder Size : 1000 x 3500mm 2 nos. Vibrator adjustable throw amplitude italvibras or Oli brand.

## Turbo Impact Crusher

Primary,Secondary and Tertiary functions one machine.

Rotor Size : Turbo Impact Crusher 1000x1300mm

Strong Body, Strong rotor, strong setting blocks

185 kW Motor , sheaves, v-belts

We furnish the liners of Dragon Turbo Crushers by Hardox 500.

Rotor pallets 16-18 % manganese, chromium

Setting block Liners 16-18 % manganese, chromium

Easy adjustment mechanism

Improved latest technology Crushing system

## Main Feed Belt

1000 mm Conveyor belt

Motor : 7,5 kW

Remote Control For One-Man-Operation.

## Dragon Screen High Capacity Type

Screen Size : 1700x 4800 mm 3 Deck High Capacity Screen

Motor : 15 kw

## Stock Conveyors 3 Unit

2 Unit

600 mm Conveyor belt

Motor : 4 kW

1 Unit

1000 mm Conveyor belt

Motor : 5,5 kW

## Feedback Conveyor 1.

600 Conveyor belt

Motor : 2.2 Kw

## Feedback Conveyor 2.

600 Conveyor belt

Motor : 5,5 kW Motor

**Hydraulic block adjustment**, Easy To Setup, Primary Block,Secondary Block

**Control Board:** Siemens Brand Electrical Equipment

## Standard Equipment

Extra Hopper + 10 m<sup>3</sup>

Dust Control System - Dust Reduction

Bypass Conveyor Belt

## Optionals

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

Magnet Conveyor Belt **(Optional)**

## Mobile Crushing and Screening Plant DRAGON 10

Maximum feeding size : 1000mm

Ideal feeding size: 0 - 800 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 )

Feed Capacity: 150 – 250 t/h

Transport dimensions (w x h x l) 3,000 x 4,500 x 16,500 mm

Machine weight : 46,000 kg



## 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 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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