



## DEG AGGREGATE CRUSHING SYSTEMS

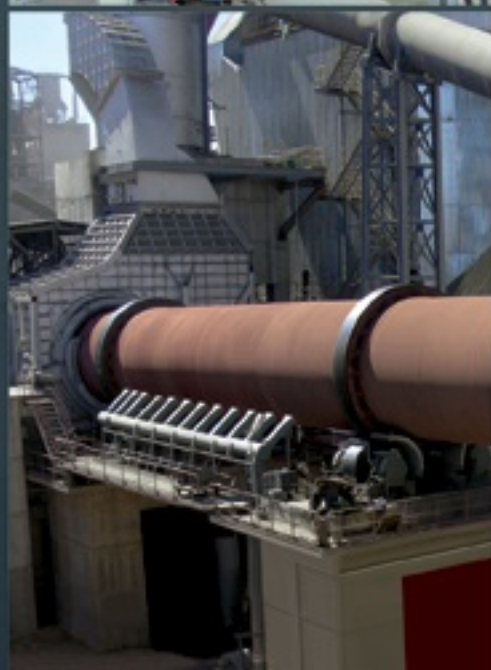


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**DAL MACHINERY**





## DEG GROUP COMPANIES

### **DAL Machinery**

has been providing machineries for industrial plants over 20 years. We mainly focus on cement, lime, coal and energy technologies. We provide brand-new and 2nd hand machineries worldwide. DAL Makina also supplies integrated services together with Dal Engineering Group (DEG) companies for Turn-key plant projects.

### **DAL Technic**

provides turn-key cement plant projects.

### **DAL Drive Systems**

provides electric motors, drives, reducers and couplings.

### **DAL Automation**

is a certified Siemens solution partner company and provides turn-key automation projects.

### **CMT**

provides design and R&D for cement industries.

## PRODUCTS

- Raw Material Crusher
- Pre-blending Unit
- Vertical Mill
- Rotary Kiln
- Clinker Cooler
- Clinker Crusher
- Ball Mill
- Roller Press
- Dynamic Separator, V-Separator
- Elevator, belt conveyor, screw conveyors, rotary feeder, pandulum flaps
- De-dusting Filters
- Spare Tyre, Girth Gear, Liner Casting
- Wear Resistant Material (Basalt, ProTEC)
- Insulation Material (Rockwool, Glasswool)
- 2nd hand and Brand New Machinery Supply
- Hydraulic Lubrication Stations

**DEG**  
dal engineering group

Our product range comprises crushing plants. Each raw material to be crushed has its own specific features. Its nature and the desired final shape, the size of the final product, the expected capacity and the cost effectiveness of the plant all have to be borne in mind in the selection of a suitable crusher.

Independent of the kind of installation, capacities range between 80 and 1000 t/h. High quality workmanship down to the last detail ensure optimum operating costs due to:

- High availability,
- Optimum reliability,
- Low maintenance requirement
- High wear resistance.



Our capabilities allow us to offer our clients with turnkey solutions for aggregate crushing systems. Herein, we undertake custom-designing, engineering, installation, erection and commissioning of our range of aggregate crushing systems. Our turnkey solutions are carried out by our expert professionals who ensure minimum downtime and accuracy in the project.

#### **DEG offers :**

Stationary Crushing, vibrating / palletized feeders, Conveying, Screening, Washing, Stockpiling Plants.

We are a renowned manufacturer and supplier of a wide range of stone crushers & stone crusher plants.

We also undertake turkey projects for our range of aggregate crushing systems to offer maximum convenience to our clients.



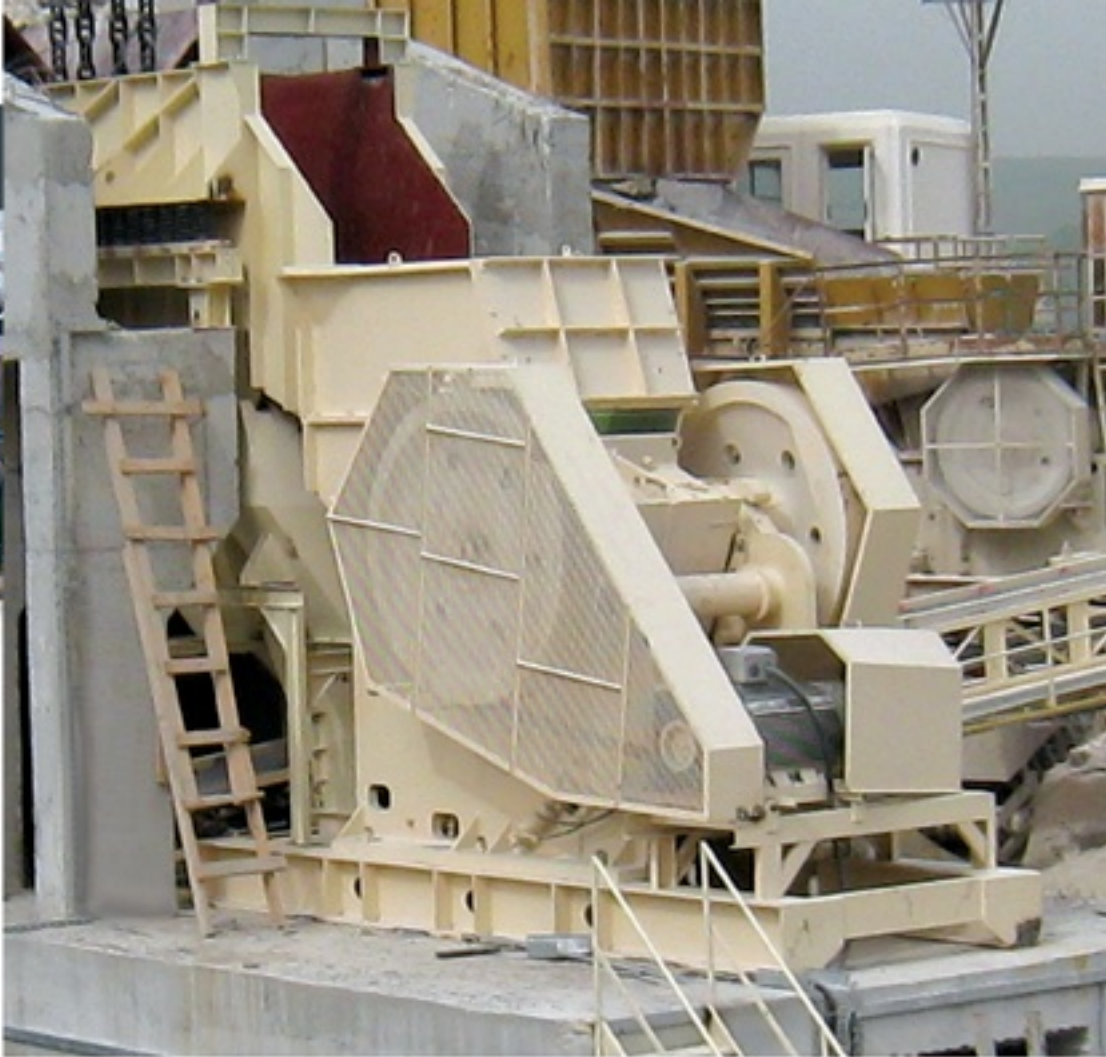


# CRUSHERS



## JAW Crushers

*DEG Jaw Crushers are designed for medium - hard to very hard materials and are used in quarries for primary crushing of blasted rockpile.*



- Heavy Duty robust design ensures continuity of high performance even in hardest applications,
- Crusher frame and swing jaw made of high-grade steel or special cast steel subjected to a stress-relieving heat treatment in order to avoid residual stresses from the welding or casting process.
- Largely dimensioned antifriction bearings
- One or two heavy flywheels to balance crusher peak loads
- Crushing jaws made of high-grade manganese steel, cheek plates made of high-strength special steel
- Easy adjustment of the crushing gap through hand-operated hydraulic adjustment of the crushing gap.
- Automatic lubrication system can be applied upon request,
- Capacity: 13 - 800 t/h





## Primary Impact Crusher

*DEG supplied impact crushers have an operating range which includes both coarse and fine crushing. They crush medium-hard to hard material and are particularly applied in cases where a high size-reduction ratio and cubical, stress-free end-product is required: for the reduction of limestone, gypsum, slag, overburden and aggregate materials.*



- High operating reliability.
- Low cost for operating and maintenance.
- Hydraulic opening of the crusher casing for adjustment and easy exchange of crushing elements.
- Fast exchange of bars.
- Highly wear resistant materials of main crushing components.
- Heavy Duty robust design ensures continuity of high performance even in hardest applications,
- Easy adjustment of the crushing gap through hand-operated hydraulic equipment adjustment of the crushing gap.
- Capacity 80 -1000 t/h



# CRUSHERS

## Teritary Impact Crusher

*DEG RDS - RDM type tertiary impact crushers are ideal for quarry with high capacity demand. RDS type imp actors got a feeding size up to 350mm and could used also as a secondary crusher. DEG RDM type crushers are used for hard medium like basalt, granite or equal medium and works without any problem where efficiency is needed.*



- Rock to Rock crushing chamber for hard materials
- Maximum material feeding size: 350mm
- Easy maintenance by hydraulic cylinders
- Hydraulic adjustment system allows easy calibration of breaker plate
- Completely coated wear liners
- Easy exchange of double side rotor bars.
- Coated cast iron rotor.
- Rotor rotates both directions.
- Adjustable impact curtain for different material size.
- Capacity 40 - 800 t/h.





## RAR Rotating Drum Washing and MVE Screening Machines

*MVE linear vibrating screens provides screening areas with widths and lengths ranging from 4,4 sqm to 14,4 sqm in our standard program. Custom made sizes are also possible.*

*The screens are able to handle the increasing feed rates and meet the versatile requirements inherent to primary screening, sizing, dewatering, depulping and deslurrying of bulk materials such as hard rock, limestone, gravel, coal and ore.*



- The complete construction without any welding, all parts bolted together
- Side walls made of high quality 12mm thick metal plates
- Bolted Spring plates
- Drive synchronization between cardan shafts
- Easy maintenance and rail for easy replace of wire mesh.
- Washing sprinklers on every washing screen layer.
- Water screen at washing processes to keep conveyor dry.

Follow equipments are also available:

- Apron Feeder.
- Conveyor belts.



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**DAL Machinery**

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