

# Crushing & Screening

Gravel  
Italy

**Project type:** EPC (excluding water treatment plant)

**Plant:** Greenfield

**Material:** Gravel

**Project description:** Crushing, screening and washing plant

**Scope of supply:** Basic and detailed engineering and project management.  
Electrical engineering and complete automation design.  
Full transport.  
Erection and commissioning supervision.  
Total installed power: 1.300 kW  
Conveyor belts: 750 m  
Feed rate: 400 t/h (0-400mm)  
Natural washed aggregates for concrete production:  
14-32 mm 10-14 mm 4-10 mm  
2-4 0-4 mm 0-2 mm.  
Crushed washed aggregates for asphalt production:  
18-30 mm 10-18 mm 6-12 mm 4-8 mm  
0-4.  
Crushed dry sand 0-4 mm.

**Equipment & process:**

Reciprocating Feeder CAP 9L  
Scalping screen: 995  
Primary screens: CVB1845-2P  
Secondary Impact crusher: NP1213  
Technical screen: TS403  
Tertiary crushers: N°2 Reversible impact crushers



Crushed aggregates wet screening:  
Ellivar 13-4.  
Natural aggregates washing:  
Low washer SW 1165  
Natural aggregates wet screening:  
Ellivar 13-4.  
Sand recovery groups.

**Benefits:** Flexible process for high quality aggregates production.  
Automatic re-composition to produce 0/D mixed aggregates on required gradation curve.  
Fully automated process.  
Environmental protection and maximum comfort for operating personnel.

**Year:** 2007



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