

ORE SIZER®

Vertical Shaft Impactors



right shape ...right size ...right price

Vertical Shaft Impactors



The **ORE SIZER®** OM80

The world over, specifications for aggregates are becoming more and more demanding. Good shape and particle size grading is essential to meet the rigorous standards demanded by federal and governmental authorities. The problem faced by the aggregate producer is to find a machine that produces the **RIGHT SHAPE** and **RIGHT SIZE** particle, at the **RIGHT PRICE**.

ORE SIZER® Vertical Shaft Impactors have been designed using the latest technology and conform to the European C.E. Mark and international industry standards, to produce aggregates of the highest specifications.

ORE SIZER machines are manufactured in four sizes. They have a drive capacity ranging from 50kW to 500kW and the option of single or dual drive.

ORE SIZER VSI's can be supplied as static, portable, fully mobile or track mounted units.

ORE SIZER is sold and serviced in over 29 countries and manufactured in several facilities around the world. All manufacture is carefully controlled from our head office in Bristol, Great Britain, to ensure that the highest quality is maintained.

ORE SIZER has been used to resolve difficult problems in quarrying, reclamation, steel slag recovery, glass processing, diamond and gold mining, and lime production, to name just a few!

Using our wealth of experience we have introduced a uniquely designed rotor, the ULTRA II, in 3, 4, 5, 6, 7 and 8 port formats, enabling throughput of 30-600 tons per hour. The rotor features 'drop in' wearparts which can be changed without the need for complex tools.

We are confident we can meet almost every level of production and specification required within the industry and have the track record to prove it.

With some 30 years experience in quarrying and recycling, specialising in V.S.I. design, manufacture and application, you can be sure that **ORE SIZER** is one of the most experienced companies in this specialist field.

DATA	OM 50	OM 80/90	OM 100/120
Max Feed Size(mm):	50	75	100
Feed Passing Square Mesh(mm):	40	65	75
Rotor Speed Range(rpm):	1000-2200 ⁽¹⁾	1000-2200 ⁽¹⁾	1000-1800 ⁽¹⁾
Power Range(kw):	50-200	110-300	200-500
Typical Throughput(t/hr):	30-150	60-200	200-600
Typical Closed CCT Production(t/hr):	30-60	60-150	200-500
Typical Machine weight(t):	10.5 ⁽²⁾	12.25 ⁽²⁾	14.25 ⁽²⁾

(1) Dependant on Rotor Type

(2) Dependant on Machine Specification and Rotor Motor etc

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OM 50

- All rotors dynamically balanced for vibration-free running.
- Parts, service and technical backup.
- Modular construction for ease of transport.
- Quick and easy to erect on site.
- Safety interlock and vibration emergency stop as standard.



OM 80 / 90

- Deep rockbox design for optimum crushing.
- All drop-in wearparts for easy replacement.
- Easily fitted 'cartridge' type bearing assembly.
- Heavy duty construction – built to last.
- 3, 4, 5, 6, 7 & 8 port rotors available in three different sizes. Enables optimisation of product grading and wear cost.



OM 100 / 120

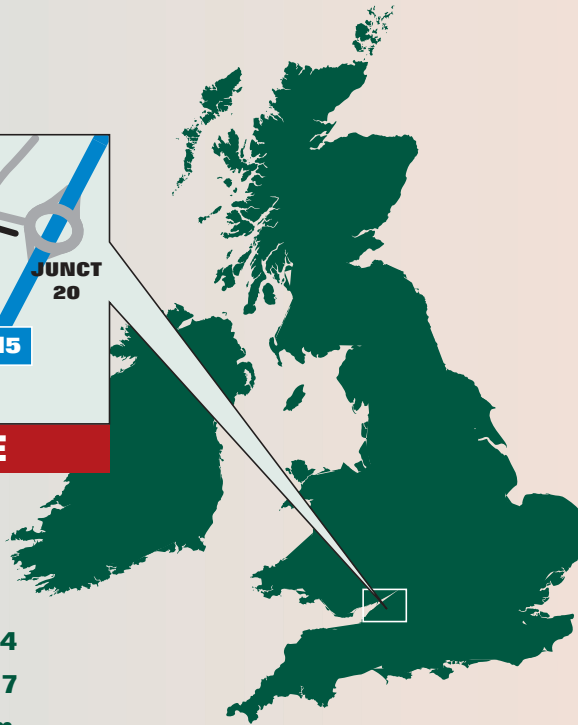
- Access to rotor via a pneumatically operated split top ('RAM' Top).
- Built in compressor also supplies an accessory airline for air tools.
- Secondary access can also be gained from the chamber side through the 180° opening door.
- Rotor can be replaced in the field in less than 90 minutes.

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WE ARE HERE



Tel: 00 44 (0) 1275 341444

Fax: 00 44 (0) 1275 341417

E-mail: sales@oresizer.com

Web: www.oresizer.com

5A Tweed Road, Clevedon, North Somerset, England BS21 6RR

Your nearest distributor is:

ORE SIZER[®]