

Bauma China 2012: Huge Benefits of 8000T/D Artificial Sandstone Production Line Project

DSMAC has successfully constructed the 8000T/D artificial sandstone [production line](#) project for Tianrui Group, China top 100 key supporting industrial enterprises. DSMAC will demonstrate the main crushing equipment of this project and share the profitability at Bauma China 2012, aiming to offer worldwide customers the best solution to superior productivity and obtain maximum profits.

International Leading Artificial Sandstone Production Line Project

—8000T/D Stone Production Line Project in Tianrui Group



This artificial aggregate production line is the comprehensive utilization of resources again, the raw materials is abandoned limestone mine tailing materials, further the size of final product can be divided in 20-31.5MM,10-20MM, 5-10MM,<5mm. Difference kinds of size can meet different end product demands. The whole set of main equipment is provide by DSMAC including the feeding machine, crushing equipment, screening equipment and belt conveying system, which is special for sand and stone [crushing plant](#). The key is using advanced and reliable control system, in order to achieve high efficiency, energy saving, stable production and optimizing control.



With the guide of the core strategy “Build the brand of Zhengzhou high-quality sand and gravel aggregate”, Tianrui Cement intended to build an 8000 TPH sand aggregate production line to make most of the waste mineral ores. After investigation and comparison, Tianrui Cement chose DSMAC, which has more than 15 years’ experience of sandstone production line configuration, such as Beijing-Shanghai Express Railway, Zhejiang Sanshi Building Material Group, etc. and is capable for general contracting of 1000 to 20000 TPD sandstone production lines.

After on-site reconnaissance for more than three months and repeat comprehension of customer requirements, DSMAC designed two sections with one closed circuit 8000 TPD sand aggregate production line, which consists of ZWS630 vibrating feeder, PE1000×1200 jaw crusher, PFH1820 impact crusher, 3YK2865 and 2YK2460 [vibrating screens](#). In this production line, the final products is of 5~30mm, containing power content, grain composition, flakiness content, etc. in accord with two national standards of GB/T14685—2001 “Construction Pebble and Gravels”.

Lu Hongbo, the president of DSMAC, commented that, “No matter from the processing set-up, equipment selection or the end product quality, this sand aggregate production line has reached to the international level, safety and environmental protection, bringing our client favorable benefits.”

 郑州鼎盛工程技术有限公司
ISO认证企业 中国知名建材机械企业

国内领先的日产一万吨砂石项目

——荥阳天瑞日产一万吨骨料生产线

荥阳天瑞公司隶属河南天瑞集团，该公司拥有目前世界上最大的一条水泥新型生产单线（12000/4）。

荥阳天瑞砂石项目是荥阳天瑞公司矿山建设的一条日产10000吨的砂石骨料生产项目，原料为废弃石灰石矿山废料，属于资源综合利用。荥阳天瑞日产10000吨砂石生产线是一条国内先进的砂石线，全套主机设备由郑州鼎盛工程技术有限公司提供，该生产工艺采用两段两闭路，主要设备采用国内先进的石子专用破碎机以及筛土筛分喂料机，生产的石子具有颗粒形状好、强度高、含土量极低，是高品质混凝土的所需骨料。

荥阳天瑞日产10000吨砂石线总投资1300多万元，从投产开始不到半年全部收回投资，效益非常显著。



欢迎您莅临郑州鼎盛工程技术有限公司
和天瑞一万吨砂石线参观和指导！

Huge Economic and Social Benefits of 8000 TPD Sandstone Production Line

This artificial sandstone production line has gained considerable economic profit. According to the investment income statistics, the estimate investment amount in the first year is about \$2.68 million, including equipment cost and civil engineering cost \$0.82 million, wear-resisting parts \$0.36 million, annual electricity charge \$ 0.28 million, and



other cost \$1.53 million, such as material cost, transportation, staff salary, taxes, etc. However, based on the sandstone product market price 30 Yuan per ton, the capital returning period is less than seven months.

Besides, the social benefit is also cannot be neglected. The DSMAC innovated on the traditional [crushing machines](#) and equipped with dust-cleaning apparatus water tank and damping layer during the sand making process, which combines to create a safer and cleaner working environment. On the other hand, the raw material is the waste mineral ores, which is recycled for the production of artificial sand and aggregate. It reduces the environmental pollution and energy conservation.

During Bauma China 2012 from November 27 to 30, the visitors who are interested in DSMAC sand aggregate production line have the chance to visit this production line of 8000 TPD for free. Facing with this excellent opportunity, what are you waiting for?

ABOUT DSMAC

Zhengzhou Dingsheng Engineering Technology Co., Ltd. (DSMAC) is specialized in feeding; crushing and screening equipment as well as crusher spare parts in mining, cement and construction industry. DSMAC offers a comprehensive range of on-target crushing machines and has earned a reputation for technical excellence, superior service, and on-time, on-budget delivery. Our products has been exported to many countries, like South Africa, Saudi Arabia, Egypt, Ghana, Egypt, Cameroon, Tanzania, Zimbabwe, the Republic of the Congo, India, Indonesia, Vietnam, Philippines, Russia, USA, Australia, Mexico, Peru, Brazil, Columbia, Chile, etc.

More information about DSMAC stone crusher is available at <http://www.stonecrusher.in/>.
More information about DSMAC crusher is available at <http://www.dsmacrusher.com/>.

DSMAC Group

Lerry Liu, Chief Marketing Officers

Phone: +86-371-6789-7681

E-mail: dsmacrusher@gmail.com

Skype: dsmac1997

MSN: dscrusher@hotmail.com