

For all your metal recycling needs



# JMC Recycling Systems

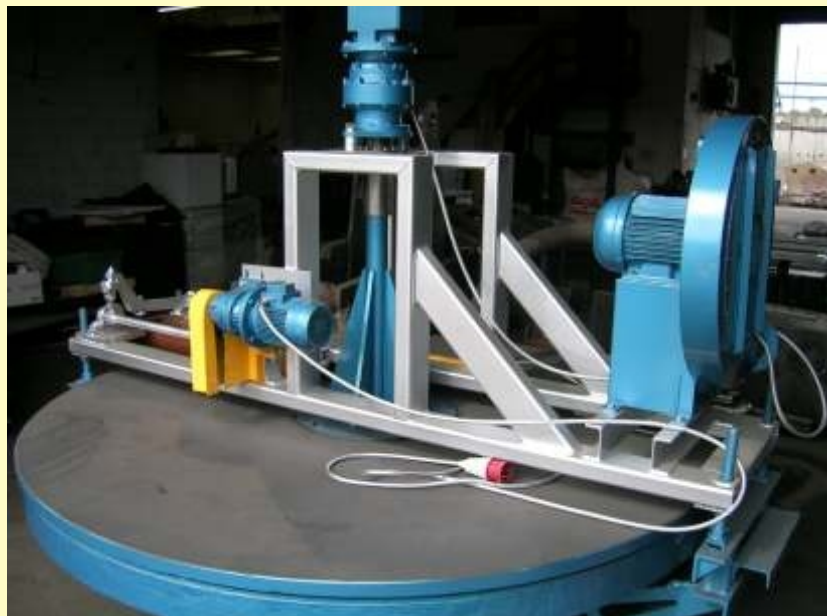
## **Centaur Aluminium Granule Production Plant**

***For fast,  
high-quality  
aluminium granule  
production***

Centaur is a unique metal casting system which has been purpose designed and built in our own foundry for the production of high-quality granules - without tails

The system centres around water-cooled rotating casting tables onto which molten aluminium is poured in droplets from specially designed moulds. The droplets are subsequently rotated by 360 degrees and blown from the table via a combustion air knife onto a steel conveyor. Production rates vary depending on how many tables are incorporated into the system, with two tables, for example, giving 3 to 4 tonnes per hour of granule production. Granule grading systems and sorter screens can be incorporated to give best-quality granules

JMC would be happy to talk to you about your requirements and design a system to suit your needs. So please contact us for further information.



**Ce**  **ntaur**

**JMC RECYCLING SYSTEMS LTD**

Harrimans Lane, Dunkirk, Nottingham NG7 2SD, England

Tel: +44 (0) 115 940 9630, Fax: +44 (0) 115 979 1478 Email: [info@jmcrecycling.com](mailto:info@jmcrecycling.com)

Web site: [www.jmcrecycling.com](http://www.jmcrecycling.com)

For all your metal recycling needs

# JMC Recycling Systems



## Data and Specification

Mould type	6mm to 10mm diameter granules
No granules per mould	24
Mould material	Hematite cast iron, material spec 420/12 to BS2789:1985
Insert material	Ceramic
Production rate -single table	Up to 1,5 tonnes per hour
Height of table	660mm
Width	2400mm
Motor ratings:	
Table drive motor and gearbox	3kW
Hammer motor and gearbox	0.75kW 1.1kW
Two cascade starter motors	
Combustion air fan for air knife	4kW
Combustion air fan for gas jets	2kW
Adaptor track motor	0.75kW
Water pumps	1.5kW
Cooling tower fans	

Includes: complete table, water cooling system, air-blowing system, adaptor track, grading/sorting equipment, and supply of ceramic inserts to make up to 4000 tonnes of granules

Additional equipment not included but supplied if required:  
Safety platforms and walkways, mould-making equipment and bin collection equipment



Unique granule knock-out system



Single table system



Shaker deck

**JMC RECYCLING SYSTEMS LTD**

Harrimans Lane, Dunkirk, Nottingham NG7 2SD, England

Tel: +44 (0) 115 940 9630, Fax: +44 (0) 115 979 1478 Email: [info@jmcrecycling.com](mailto:info@jmcrecycling.com)

Web site: [www.jmcrecycling.com](http://www.jmcrecycling.com)