



On the instructions of Sean Bucknall and Graham Randall of Quantuma the joint administrators of JD Norman Lydney Limited

# Greensand Casting Foundry and Finishing Machinery for the Production of Chilled/Ductile Iron Camshaft Castings

(Subject to availability)



\*Please be aware that this is a PPE site - visitors must wear adequate PPE at all times\*

PRIVATE TREATY SALE: This is offered for sale by Private Treaty negotiations and offers are invited

AT: Gloucester, United Kingdom

ON VIEW: By appointment only

OFFERS IN BY: Offers invited immediately

**CLEARANCE:** By appointment only

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ROBERT LEVY ASSOCIATES, 3

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#### Facility & Equipment to include:

(Subject to Availability)

JD Norman Lydney was a leading manufacturer of semi-finished, chilled grey iron camshaft castings primarily for automotive, industrial, and motorcycle engine applications. Prior to closure the Company served a bluechip customer base including Ford (through Linamar), Jaguar Land Rover and Volvo.

#### The Facility

Comprising a fully equipped manufacturing facility extending to a total of 64,000 sq ft (5,948 sq m) on a site of 16.35 acres. The self-contained foundry building extends to 42,500 sq ft (3,950 sq m) with the balance of the accommodation comprising a finishing shop and administrative offices. Approximately 12.6 acres of the site is owned freehold, to include the foundry, and part leasehold which includes the finishing shop and offices. Recent Annual Net Sales for the operation were c.£21 million.

The greensand foundry was constructed in 1991 at a cost of £11.5M and has benefitted from upgrade programmes in recent years. Capacity exists to produce approximately 5 million chilled iron camshafts per annum. The large box size provides flexibility to cast a wide range of engine, transmission and driveline products. Secondary operations at the plant include fettling, end facing, and deep-hole drilling.





The principal plant and machinery includes:

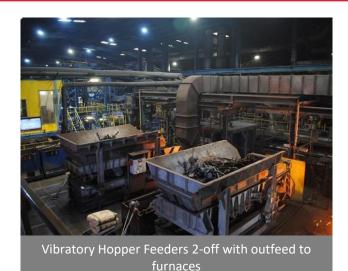
#### **Foundry**

#### VIP Room

- Inductotherm 3,000kW Power-Track Induction Furnace, complete with Transformers and Rectifiers (Year 2018) –Installed cost £520k GPB
- (2) Inductotherm 2,500kW Power-Trak Induction Furnaces, complete with Transformer and Rectifier (year circa 1992)

#### Furnace Area

(2) Inductotherm electric 4-tonne induction furnaces; The furnaces have a melt rate of 4,200 kg/hour



Inductotherm Powertrack Induction Furnaces, 4 tonne capacity 2,500 to 3,000Kw, 3-off (1991-2018)

#### Robots

- (2) Fanuc R-2000iB 6-axis robots/chill placing robots with Eclipse Magnetics attachment with 2 x R-30iB robot controllers;
- (1) Fanuc B-J2/ Arc Mate 120i filter placing robot with Fanuc A05B-2375-B007 and (1) Fanuc R-J3 oil spray robot with robot controller;

#### Moulding and Shot Blasting

- BMD Dynapulse moulding line with a mould size of 812x812x250mm and capability of moulding components with a maximum length of 760mm; The moulding line casts seven to nine camshafts per mould at a gross line speed of 160 moulds per hour
- General Kinematics (GK) shaker/ mould knock-out machine;
- Spencer & Halstead rotary shot blast machine with monorail infeed and outfeed system.

#### Sand Plant

 Sand plant with (3) storage silos, (2) back storage silos; Eirich DW2914MZ9 sand mixer; UHDE DWF sand cooler

#### Click here for video presentation

#### **Finishing**

The principal items of finishing machinery comprise:

- (14) Koyama automatic grinding machines (2004 to 2012);
- (3) TIBO E15-6-1000TU 6-spindle deep hole run drilling machines (2012);
- (2) TIBO/ TBT M320-6-1200 6-spindle deep hole gun drilling machines
- TIBO/TBT 2T30/320-4-630 4-spindle deep hole gun drilling machine;
- Bliss Ryder Twin Station Automatic end facing machine with 4 cutting heads;
- Mollart Sprint 2-spindle deep hole gun drilling machine;
- Mollart MD4 4-spindle deep hole gun drilling machine (1997);
- Mollart Sprint 2-spindle deep hole gun drilling machine (1997).
- (8) Marpol 666 double ended pedestal grinder/polisher machines;



#### **Vehicles**

- Barford SX6000 6T Dumper Truck (Year 2006)
- CASE JX80 Tractor with Q35 Bucket Attachment (Year 2006)
- AW Engineering 7T S&R Twin Axle Trailer (Year 2005)
- ABBEY 2-wheeled Bowser (Year 2007)
- Citroen Relay Drop-side van (Year 2012)

Circa £500,000 (at cost) of Spares, Laboratories, Workshops, Quality Control, Standby Generator, Air Handling and Internal Craneage Throughout.

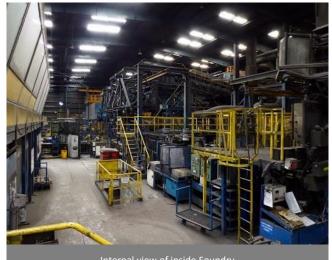
#### Accreditations

The site holds the following:

- IOS/TS 16949
- QS 9000
- ISO 14001
- OHSAS 18001

#### **Further Information**

A data room of information on the facility is available to prospective purchasers. Please download an NDA via the link on the website and return it to Jan Hills <a href="mailto:jhills@lsh.co.uk">jhills@lsh.co.uk</a> and login details will then be sent to you.





BMD Dynapuls automated conveyor moulding plant



Fanuc R-200ib multi axis loading insert robots



Vibratory Hopper Feeders 2-off with outfeed to furnaces



Vibratory Hopper Feeders 2-off with outfeed to furnaces



Inductotherm Powertrack Induction Furnaces, 4 tonne capacity 2,500 to 3,000Kw, 3-off (1991-2018)







infeed and outfeed system



Sand Plant Air Handling systems





Tibo multi spindle gun drills, 6-off 2001 – 2012























