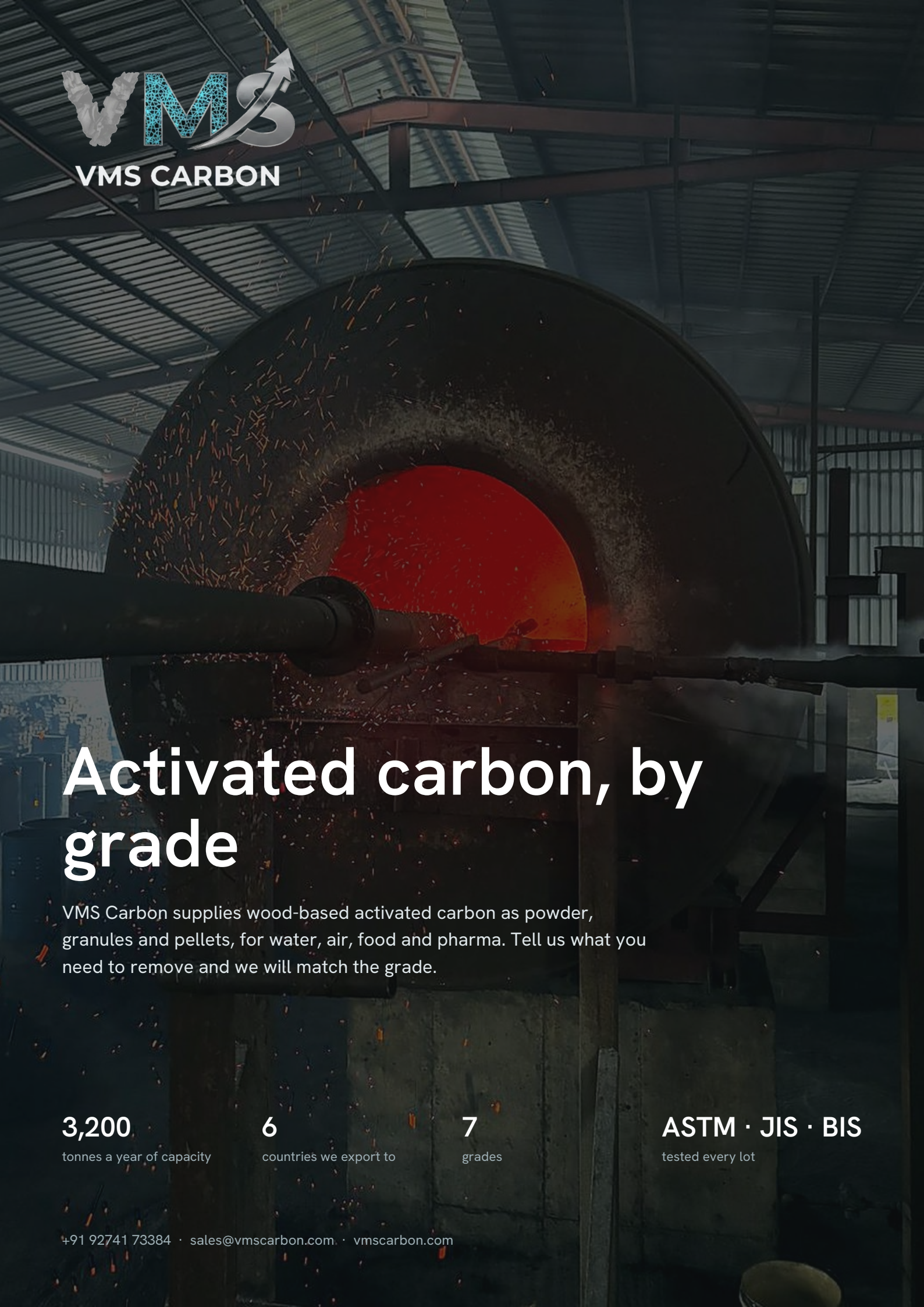


VMS CARBON

Activated carbon, by grade

VMS Carbon supplies wood-based activated carbon as powder, granules and pellets, for water, air, food and pharma. Tell us what you need to remove and we will match the grade.

3,200
tonnes a year of capacity

6
countries we export to

7
grades

ASTM · JIS · BIS
tested every lot

+91 92741 73384 · sales@vmscarbon.com · vmscarbon.com

About VMS Carbon

VMS Carbon supplies steam-activated carbon made from wood, to buyers in India and abroad.

Our main line is wood-based powder and granular carbon made from Babul (Acacia nilotica) wood, which grows widely in Gujarat. Wood carbon is rich in mesopores, so it takes up the large molecules behind colour, taste and odour. Alongside it we supply pellets, and catalytic, impregnated and acid washed carbon.

Together that is about 3,200 tonnes a year of capacity. Every lot is tested for iodine number, methylene blue, hardness, moisture and ash to ASTM, JIS or BIS methods, and ships with its report. Buyers in Japan, Malaysia, Indonesia, Sri Lanka, Turkey and the UAE already take our carbon.

Describe your process and we will suggest a grade, send a sample for your own tests, and quote for 25 kg bags, jumbo bags or full containers.

Why buyers talk to us



Three raw materials

Wood-based carbon from one supplier, as powder, granules or pellets.



Tested every lot

Iodine, methylene blue, hardness, ash and moisture to ASTM, JIS or BIS, with a report in every shipment.



Export ready

About 3,200 tonnes a year, packed in bags or jumbo bags and shipped by container.

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vmscarbon.com

Activated carbon grades



Powder activated carbon

Powder

Steam-activated wood carbon, milled fine. Works fast in water, oils, syrups...

Iodine number (ASTM, JIS): 800 to 1,200 mg/g

Data sheet →



Granular activated carbon

Granular

Light, highly porous wood granules for filter beds in water, effluent and air.

Iodine number (ASTM, JIS): 800 to 1,150 mg/g

Data sheet →



Pelletized activated carbon

Pellet

Even cylindrical pellets that let air and gas pass with a low pressure drop.

CTC: 50 to 70%

Data sheet →



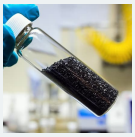
Catalytic activated carbon

Granular or pellet

Surface-modified carbon that breaks down chloramine, hydrogen sulphide...

Mesh: 8×30, 12×40 or as specified

Data sheet →



Impregnated activated carbon

Granular or pellet

Carbon treated with chemicals for specific gases and pollutants.

Impregnant: KOH, KI, sulphur or silver

Data sheet →



Acid washed activated carbon

Powder or granular

Washed to reduce ash and metals. Suited to drinking water, food and pharma.

Iodine number: 1,000 mg/g and up

Data sheet →



Custom grade

To your specification

Need a special size, activity or packing? Send us the details.

Activity: As specified

Data sheet →

Industries we serve

Drinking water
Most buyers start with: Powder activated carbon

Wastewater and effluent
Most buyers start with: Granular activated carbon

Air and gas purification
Most buyers start with: Pelletized activated carbon

Food and beverage
Most buyers start with: Acid washed activated carbon

Edible oil and sugar
Most buyers start with: Powder activated carbon

Pharmaceutical
Most buyers start with: Acid washed activated carbon

Chemicals
Most buyers start with: Powder activated carbon

Gold recovery
Most buyers start with: —

Flue gas treatment
Most buyers start with: Impregnated activated carbon

Pellet carbon makers
Most buyers start with: Powder activated carbon

From wood to sack

Raw material
Babul (Acacia nilotica) wood from Gujarat. The raw material sets the pore structure of the finished carbon.

Char
The raw material is carbonised without air. What is left is char: carbon with only a little pore space.

Activation
Steam at around 900 °C opens millions of fine pores in a rotary kiln. One gram ends up with hundreds of square metres of surface.

Sizing
The activated carbon is crushed and screened into mesh cuts, milled to powder, or extruded into pellets.

Testing
Each lot is tested for iodine number, methylene blue, hardness, ash and moisture. Grades for water, food and pharma are…

Packing
Bagged in 25 kg sacks or jumbo bags, labelled with grade, mesh and lot, and loaded by container.

Where we ship

India · United Arab Emirates · Turkey · Sri Lanka · Malaysia · Indonesia · Japan

Ask for a price or a sample

Office No. 6, First Floor, Krishna Arcade, Bhuj-Madhapar Road, near GIDC Industrial Area, Bhuj, Kutch, Gujarat 370020, India. GSTIN 24ISGPB1455J2ZS. Monday to Saturday, 10:00 to 19:00 IST. Call or WhatsApp +91 92741 73384….

Get a price →

WhatsApp +91 92741 73384