

Евротехника

«Евротехника» является интернациональной инжиниринговой и подрядной компанией, работающей в области меламина, технического углерода, химикатов, нефтепереработки и солнечной энергии.

Штат сотрудников, насчитывающий более 100 высококвалифицированных специалистов, является ядром компании и движущей силой «Евротехники». К настоящему времени «Евротехника» успешно выполнила более 130 проектов по всему миру, неукоснительно следуя в своей работе главному принципу - абсолютная надежность. «Евротехника» является мировым лидером в области технологии производства меламина – общая мощность лицензированных производств составляет 610.000 т/г, а также наиболее известным независимым лицензиаром и поставщиком технологии производства технического углерода.

«Евротехника» входит в состав группы «Проман АГ» (Proman AG), Швейцария, www.proman.org

Технический углерод



欧技公司

欧技公司是一家活跃在三聚氰胺、炭黑、化学品、炼油厂和太阳能领域的工程设计和承包公司。

欧技公司拥有一百多名高技能员工，他们作为公司的核心力量推动着公司的发展。

迄今为止，欧技公司在全球成功地完成了130多个项目，我们的承诺是：真实可靠。欧技公司在三聚氰胺工厂和技术方面居世界领导地位，全球已经有总产量为61万吨的产品采用这一专利技术生产而成，同时公司也是提供炭黑技术的最有声誉的独立专利商。

欧技公司是瑞士 Proman AG (www.proman.org) 集团的成员。

炭黑



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Eurotecnica
Carbon Black Technology

Add value to your
FCC Decant Oil

Eurotecnica Contractors and Engineers S.p.A.

THE WORLD LEADING LICENSOR OF CARBON BLACK PRODUCTION

Born in 1962 thanks to the pioneering spirit of its founders, Eurotecnica has been steadily growing, becoming one of the world's most reliable technology provider, engineering and contracting company. Today Eurotecnica is reputed licensor and contractor of Carbon Black production plants.

Eurotecnica is part of a larger group, the Proman AG Group, Switzerland, that shares the same values of good engineering practice, efficient project management and uncompromising commitment to safety and environmental care. The Proman Group is an international company with assets in Italy, Germany, Trinidad, USA and Switzerland.

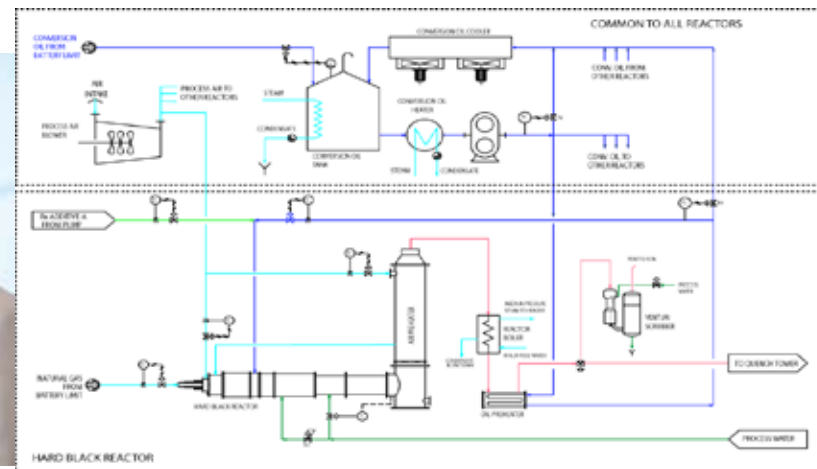
Eurotecnica Carbon Black Technology

OUR LICENSEES ARE ALWAYS FREE TO SELL CARBON BLACK ANYWHERE IN THE WORLD

Carbon black is essentially composed of elemental carbon in the form of semispherical, colloidal particles coalesced into each other, mainly forming particle aggregates. These particles are obtained by partial combustion and thermal decomposition of highly aromatic hydrocarbon oils under controlled conditions.

Carbon black is manufactured from high aromatic petroleum oils, typically FCC Decant Oil, Coal Tar, Ethylene Tar and other conversion oils, which are thermally cracked at high temperature in specially designed reactors.

The reaction chamber of ASTM N300 series grades, for instance, reaches temperatures from 1700-1900°C. Carbon black particles formed in the reactor are collected in a bag filter and thereafter converted into pellets for ease of storage, handling, transportation and end-users utilization. Off-gas from bag filter (tail-gas) has a significant calorific value which is utilized, along with the heat recovered from other process stream, to produce steam and/or electric power. Flue gas leaving the plant can be treated with DeNOx, DeSOx systems to meet the most stringent local environmental emissions regulations.



EUROTECNICA RANGE OF EXPERTISE:

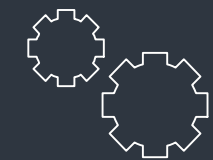
- LICENSING
- ENGINEERING
- PROCUREMENT
- SUPERVISION
- AFTER SALES ASSISTANCE AND SPARE PARTS MANAGEMENT
- NETWORKING AND ASSISTANCE TO SALE OF CARBON BLACK PRODUCT



Carbon Black is widely used in rubber products (such as tyres) and non-rubber (such as semiconductive and UV resistant pipes). Ink industry absorbs a relatively small amount of the carbon black output. Tyre industry consumes as much as 69% of the 10+ million tonnes carbon black market, while 22% goes for rubber-non-tire applications and the balance for non-rubber end uses. FCC Decant Oil is the most important feedstock in the carbon black production. It accounts for 70% of the world's CB feedstock volume.

	Airbags	Conveyor belt	Ext. Product	Footwear	Hoses	Inks	Mech. Goods	Modified prod	OTR tyre	Plastics	Pigments	Railway pad	Rerread	Rubbersd	Tubes	Tyre carcass	Tyre tread	V-belt	Wire/cable
N220				X		X	X			X			X				X		
N326					X	X	X	X	X		X					X			
N330	X	X	X			X	X	X		X	X		X	X			X	X	X
N339							X				X		X				X		
N347							X			X	X						X		
N550	X		X		X	X	X		X	X					X	X		X	X
N650			X	X	X	X	X							X	X		X	X	X
N660		X	X	X	X	X	X						X		X	X		X	X
N774				X	X	X	X	X		X	X								X

One of the most remarkable advantages of Eurotecnica Carbon Black technology is the possibility to produce the full spectrum of ASTM grades with just two types of reactors, the hard black reactor (for the N100 and N300 series grades) and the soft black reactor (for the N500 and N600 series grades), simply adjusting temperature, residence time, turbulence and concentration of active ingredients. This feature allows our customers to minimize the capital expenditure while producing many different grades (some of them are of very high added value) serving demanding end users.



REMARKABLE FEATURES OF EUROTECNICA DESIGN:

- FULL RANGE OF ASTM CARBON BLACK GRADES CAN BE PRODUCED, INCLUDING VERY HIGH ADDED VALUE ONES, SUCH AS N115 AND N220
- REACTORS CAN BE OPERATED UNDER A WIDE SPECTRUM OF FEEDSTOCKS: HIGH AROMATIC PETROLEUM OILS, FCC DECANT OIL, COAL TAR, ETHYLENE TAR
- UP-TO-DATED ENERGY CONSERVATION SYSTEM FOR AN EFFICIENT TAIL-GAS HEAT RECOVERY
- STEAM AND/OR ELECTRICITY SURPLUS GENERATED IN THE PLANT CAN BE USED WITHIN AND DISPATCHED TO EXTERNAL USERS



ASK OUR LICENSEES AND CUSTOMERS ABOUT US:

- ADNOC TAKREER - Abu Dhabi
- SIMORGH CARBON BLACK - Iran
- DOODEH SANATI PARS - Iran
- PETKIM - Turkey

