

CABLES FOR A MOVING WORLD

# TRATOS<sup>®</sup> ENERGY DNOs



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INNOVATION  
2019

*TRATOS<sup>®</sup> ENERGY cables are made with award winning Tratos-JBA<sup>®</sup> compound. Tratos UK Ltd has won a Queen's Award for Enterprise - Innovation for its technologically advanced Tratos-JBA<sup>®</sup> compound.*

November 2021  
TBn03-Rev18





# Tratos' £20m investment plans in the United Kingdom

The successful delivery of a **five-year plan** for investment and expansion at Tratos' UK manufacturing facilities has seen significant growth in resource and capability – and the opening up of new market sectors for the company's advanced cable. In addition to increasing production efficiencies, with faster machines and a purpose-built factory, the company has been careful to invest in the professional development of its people.

During those past five years Tratos has transformed itself to cope with the speed of its own cable innovation – rapidly accepted by customers – and seen turnover and market share rise significantly.

With a growing reputation for **quality, service, health and safety** and bespoke solutions with additional benefits for customers, the company's new corporate video sets out the new-look company and explores the changes and challenges for Tratos across domestic and global markets.



## Investment:

- £20m investment at Tratos' UK base in **Knowsley, Merseyside** created 40 new jobs
- £15m of this investment pledged to facilitate new state-of-the-art machines and equipment to speed up and increase capacity
- Additional investment in equipment has seen a rise in turnover to £200m
- At its facility in Pieve, Tuscany, an additional £6m funded new machines and infrastructure, creating another 40 new jobs in Italy
- The **Tratos Academy** to share best practice and develop its best people with a focus on product knowledge and customer service that is second to none and encouraging innovative thinking.







## ENERGY CABLES

### TRATOS MV - BS7870

#### **Single Core** - 11 kV

CU/HEPR/CS/PE  
AL/HEPR/CS/PE

#### **Triplex** - 11 kV

CU/HEPR/CS/PE  
AL/HEPR/CS/PE

#### **Single Core** - 33 kV

CU/HEPR/CS/PE  
AL/HEPR/CS/PE

#### **Triplex** - 33 kV

CU/HEPR/CS/PE  
AL/HEPR/CS/PE

#### **Single Core** - 11 kV

CU/XLPE/CS/PE  
AL/XLPE/CS/PE

#### **Triplex** - 11 kV

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#### **Single Core** - 33 kV

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AL/XLPE/CS/PE



## ENERGY CABLES

**TRATOS LV - BS7870****CNE** - Concentric Neutral Earth - 0.6/1 kV

CU/XLPE/CS/PVC  
CU/XLPE/CS/LSOH

AL/XLPE/CS/PVC  
AL/XLPE/CS/LSOH

**SNE** - Split Concentric - 0.6/1 kV

CU/XLPE/CS/PVC  
CU/XLPE/CS/LSOH

AL/XLPE/CS/PVC  
AL/XLPE/CS/LSOH

**Waveform** - 3 and 4 core - 0.6/1 kV

AL/XLPE/CS/PVC  
AL/XLPE/CS/LSOH

**Multicore** - 0.6/1 kV

CU/PVC/SWA/PVC

**Multipair**

CU/PE/PE/SWA/PVC  
Filled or unfilled

We can also supply a full range of single core 6491X and 6181Y.



## STANDARDS AND QUALITY SYSTEM

### QUALITY SYSTEM

Tratos aim to work closely with customers to find better, more environmentally friendly solutions to their challenges.

We are committed to our vision and strategy to serve all our internal and external customers by providing high quality services and products. Tratos is an established industry leader in the design, manufacture and supply of cables and products and to maintain this leading

position we are committed at every level to providing our customers with quality services and products at a competitive price. As a commercial enterprise we are aware of the importance of satisfying our customers and of the financial impact of which nonconformities may have on our profitability. For these reasons we are committed to complying with all customer requirements and specifications both legal and statutory requirements. Our Quality Management System has been audited and approved by two independent, Internationally recognized and accepted authorities: BSI and AENOR-IQNET (E), in accordance to BS EN ISO 9001:2015 covering the production, purchasing of raw materials design and final test including various document types. The Tratos Quality Management system is under frequent regular surveillance by inspectors working for the Certification Authorities.



### ENVIRONMENTAL SYSTEM

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### ENERGY MANAGEMENT SYSTEMS

By complying with the BS EN ISO 50001:2018 Tratos follows a systematic approach in achieving continual improvement of energy performance and the Energy Management Systems (EnMS).

The BS EN ISO 50001:2018 is a standard issued by the International Standard Organization (ISO) which outlines the requirements for establishing, implementing, maintaining and improving an energy management system (EnMS).



### CIRCULAR ECONOMY

The EU Eco-Management and Audit Scheme (EMAS) is a premium management instrument developed by the European Commission for companies and other organisations to evaluate, report, and improve their environmental performance. EMAS is open to every type of organisation eager to improve its environmental performance. It spans all economic and service sectors and is applicable worldwide.



### AWARDS

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## HEALTHY & SAFETY SYSTEM

Once its decision to create a board post dedicated to furthering best practice for Health and Safety, international cable manufacturer Tratos is celebrating receipt of ISO 45001. ISO 45001 sets out the minimum requirements for occupational health and safety management best practice and helps companies achieve the maximum return for employees, operations and customers.

## REACH, WEEE & ROHS

### REACH COMPLIANT

Tratos is fully compliant with the **REACH**. This is a European Union regulation concerning the **Registration, Evaluation, Authorisation and restriction of Chemicals**. It came into force on 1st June 2007 and replaced a number of European Directives and Regulations with a single system. REACH applies to substances manufactured or imported into the EU in quantities of 1 tonne or more per year. Generally, it applies to all individual chemical substances on their own, in preparations or in articles. To summarise, REACH makes the cable industry directly responsible for assessing and managing the risks posed by chemicals and providing safety information to their users.

### REACH COMPLIANT

Tratos fully subscribes to The **Waste Electrical and Electronic Equipment Directive (WEEE Directive)**, introduced into UK law in January 2007 by the Waste Electronic and Electrical Equipment Regulations 2006. The WEEE Directive aims to reduce the amount of electrical and electronic equipment being produced and to encourage everyone to reuse, recycle and recover it. The WEEE Directive also aims to improve the environmental performance of businesses that manufacture, supply, use, recycle and recover electrical and electronic equipment. TRATOS has enlisted the services of the UK's leading producer compliance scheme, Valpak, whom manage our recycling obligations and also ensure our compliance to the WEEE Regulations and the Waste Batteries and Accumulators Regulations.

### REACH COMPLIANT

Tratos is fully compliant with the **Restriction of Hazardous Substances (RoHS) Regulations**. These Regulations implement EU Directive 2011/65/EU which bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. Tratos fully understands the requirements of the RoHS Directive and ensures that our products, and their components, comply.

## CORPORATE SOCIAL RESPONSABILITY

Tratos adopts a Code of Ethics which adheres to the United Nations Global Compact on human rights, labour standards, protection of the environment and anti corruption measures.

Under this self regulatory code, Tratos will carry out initiatives in the environmental and social fields with special reference to environmental policies and social policies regarding child labour, compulsory labour, health and security, freedom of association and the right to collective bargaining, discrimination, disciplinary procedures, working hours and wages.

## OUR MEMBERSHIPS IN THE ENERGY INDUSTRY



## OTHER APPROVALS



Verband  
Der Elektrotechnik



Lloyd's Register  
Group



EAC - Eurasian Conformity



Instituto Marchio  
di Qualità



Centro Elettronico  
Sperimentale Italiano



Centro di Certificazione e  
Analisi Comportamentale





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