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How Robotnic Inclusive PLC started?

Samuel worked at a major briquette firm for 5 years and the passion for briquettes was ignited by the environmental conservation as a result of the trees saved through use of briquettes. In 2017 Samuel left and started a briquette brokerage Robotnic Inclusive PLC which would act as a bridge between briquette manufacturers and clients. The client needs were so diverse that greatly increased our learning curve to assess the briquette products in the market then to match client and manufacturer. This innovation in the market led to serving and fulfilling our customers which gave us a zeal to manufacture our own unique briquette product that would meet majority of our clients' expectations.

The survey which we did to assess industrial fuel usage in Eastern Africa led us to choose a unique energy dense briquette which was diverse enough for application in different industries. In early 2019 we started producing briquettes and true to the uniqueness of our product our orders have been more than we can deliver. In excess of 17,000,000 kilograms manufactured and supplied we consider ourselves the solution to industrial and commercial heating needs.

Highly oriented towards new challenges, Robotnic Inclusive mission is to provide innovative solutions and tools to help customers in the development of ever more efficient boiler performance and thus production. The strong relationship we have with top-tier manufacturing companies is testimonial to the high level of skill and quality of services offered to our clients

PEOPLE

When we select our new employees, we seek passionate and talented people, with excellent hard and soft skills. Essentially we look for people who are creative, constructive and ready to experiment new things. Our board of directors is constituted by professionals of various competency including Finance, Legal, Quality and Engineering.

Our team is characterized by three levels of experience:
Senior, Experienced and Junior engineers.

Senior

- Professors and highly experienced professionals
- Key account management
- Sharing technical knowledge and experience with the team

Experienced

- Graduates or at least 4 years' experience
- Leading projects
- Sharing solutions with Senior members
- Developing project management skills



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Junior

- Diploma graduate
- Often with previous experience in industry
- Developing skills working on projects
- Learning from more experienced members of the team

We value our team

Passion first

To face every day challenges knowledge and expertise are essential, but not enough if you are not driven by passion.

This passion is what we share in our team, and what keeps us striving for excellence in everything we do.

Employee empowerment

We don't think of empowerment only as a business strategy to improve efficiency, but as a natural way to develop a sense of ownership and responsibility among our team. We want our employees to openly share suggestions about their work and the company as a whole. We want them to feel part of the company, as they are the ambassadors of our organization

Proactive teamwork

One of the keys to Robotnic Inclusive success is our ability to work together as a team, and support each other in finding the best solutions for different projects. Sharing know-how and experience enables us to maximize the performance of our products and services, adding value to clients.

Training program

To deliver excellent services and design innovative products our team skills and competences are of crucial importance. We pursue a continuous training program both internally by sharing technical knowledge and organizing specific training sessions, and also externally through different certification programs. We also sponsor several training programs, as we truly want the best preparation for our team, turned into first-class service for our customers.

Expertise

1. Real time control and boiler operation control.
2. Boiler Conversion from boiler fuel to briquettes.
3. Carbonization technologies.
4. Blending technologies for feedstock variance.



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Combustion Analysis Systems

Distinctive features at a glance

- Direct connection to standard boiler burner and tube to capture various parameters needed
- Time-based combustion analysis system
- Time-to-Angle conversion performed with the interpolation approach for the highest precision
- Real-time, cycle-by-cycle evaluation of combustion parameters
- Combustion parameters published on CAN cycle-by-cycle
- User interface for in-cylinder pressure and combustion data monitoring
- Data acquisition based on analog trigger or event-based (limit value violations)