The Africa Agricultural Robots and Mechatronics market has been estimated at USD X.X Billion in 2015 and is projected to reach USD XX.X billion by 2020, at a CAGR of 4.7% during the forecast period from 2015-2020. Agricultural robots and mechatronics are machinery, which are employed in agriculture to substitute human labour and they often perform tasks better than humans. This machinery is designed to operate in all weather conditions and in restricted environments.

Farmers use agricultural robots and mechatronics in fields. They assist or substitute human labour required in the farms. They are used in crop as well as animal farms. Based on the research, UAVs lead the market.

The primary driver of the market is the need to increase yields and eliminate inefficient practices. The modern technology in the form of mechatronic robots yields the desired results. They vastly reduce human intervention and are much more efficient than humans in agriculture. Other drivers are the avoidance of harmful effects of chemicals used in agriculture on humans and the ability of robots to work in all weather conditions. The major hurdle in the market is the affordability. The robots and mechatronics are a huge investment for farmers in comparison to abundant cheap labour available in these countries. Various farms require various farming practices and identical robots usage in all types of farms is not possible. This pushes research and overhead costs for robots and mechatronics manufacturing companies and thus increasing prices.

Market is segmented as autonomous tractors, UAVs, agrochemical applicators, robotic milking devices and others depending on the type of usage. Additionally, usage area Segmentation is done into animal farming, crop production, forest control and others. Market study shows that crop production is the largest segment in terms of revenue in usage area. It is also growing at a faster rate in comparison to others. Robotic milking devices are wide spreading due to their convenience.

Geographical segmentation of market is done into South Africa and others. South Africa is the largest market in terms of revenue in African region. The growing population and decreasing farmlands makes this a region with immense opportunity. However, the technology adaption is low due to abundant cheap labour in these countries and it takes considerable time.

Even though the market is in very early stages, the research is progressing rapidly and in coming years wide variety of solutions may come into existence. The leading companies in this market are AGCO, Autonomous Solutions (ASI), Autonomous Tractor Corporation, CLAAS, CNH Industrial, GEA Group, Harvest Automation, John Deere, Trimble Navigation etc. companies are making sound investments in this market and new ones are innovating continuously. Robots and mechatronics may bring a revolution in agricultural practices.

Key Deliverables in the Study

- Market analysis for the Africa Agricultural Robots and Mechatronics Market, with region specific assessments and competition analysis on regional and national scales
- Market definition along with the identification of key drivers and restraints
- Identification of factors instrumental in changing the market scenarios, rising prospective opportunities, and identification of key companies that can influence this market on a regional and national scale
- Extensively researched competitive landscape section with profiles of major companies along with their market shares
- Identification and analysis of the macro and micro factors that affect the Africa Agricultural Robots and Mechatronics market on both regional and national scales
- A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information
- A wide-ranging knowledge and insights about the major players in this industry and the key strategies adopted by them to sustain and grow in the studied market

- Insights on the major countries in which this industry is blooming and to identify the nations that are still untapped

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