MAX-AI AQC TECHNOLOGY HEADING OUR WAY

In February 2019, NAWMA secured $1.5 million through Green Industries SA's Infrastructure Investment grants to implement a series of exciting new projects. One of these is the purchase of a paper and plastic detecting Max-Ai AQC (Autonomous Quality Control) robot.

Using artificially intelligent robotic sorting will help NAWMA identify and recover more recyclables on the MRF sort lines. Importantly, the robot won't replace any MRF staff, it will work alongside them, enhancing the recovery of reusable material in readiness for secondary reprocessing. The robot is scheduled to be operational in February 2020.

Through deep learning technology, the Max-AI® robot employs both multi-layered neural networks and a vision system to see and identify objects similarly to the way a person does. It has the capability to pick 60 units per minute.