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Company Name : STPL

Tuesday, June 30, 2020 11:30AM IST (6:00AM GMT)

News Summary

Today, STPL solutions are used in over 2,000 diamond processing units in more than 28 countries and 5 continents around the world. Two diamond processors from Gujarat have been successful in restarting their units. It is noteworthy that these two diamond processors have been able to carry out their production routine despite the low attendance of artisans, in full compliance with the rules of social distance. Both of them are using STPL's robotic solutions.

In the Unlocking Phase, Robotics Solutions from STPL are Reviving t Diamond Industry

Surat, Gujarat, India

STPL: Around 100+ ROBOMATIC 2.0 robots in action in the field without any kind of human intervention

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Business Wire India

The spread of Covid-19 has disrupted the world in many ways, but thankfully, we are witnessing several positive ways recovery. After a long period of stagnation of normal public and industrial activities around the world, efforts are now b made to revive the crippled economy. It has become very clear that digital technology, automation and robotics will dominate every type of industry and business in the coming times.

Especially in the diamond industry, which has so far been quite labor intensive, Covid-19 has played havoc. Maintaini social distancing is crucial but diamond processing units are finding it difficult to maintain their outputs with less numb

workers. The availability of skilled artisans has also become uncertain for a while. On the other hand, given the reviva the economy, increasing productivity and staying competitive in terms of quality is also crucial.

All of these things were important in the diamond industry even before the spread of the Coronavirus, and in the chan world, digital technology and automation have become inevitable. Even after the unlocking efforts by the government, diamond processing units are finding it difficult to restart, especially due to lack of artisans.

But showing a ray of hope for the entire industry, two diamond processors from Gujarat have been successful in resta their units. It is noteworthy that these two diamond processors have been able to carry out their production routine des the low attendance of artisans, in full compliance with the rules of social distance. Both of them are using STPL (http://stpl.com/robomatic.html)'s robotic solutions at every stage from rough diamond planning to cutting and 4P processing etc.

"The lockdown has caused problems in the diamond industry as well as in all other industries, but I think if we underst the new technology, automation and robotics properly and adopt it, we will be able to get out of this problem very quic We use STPL (http://www.stpl.com/)'s automation solutions ROBOMATIC 2.0 so we can take our production to the ne level even if we don't have enough craftsmen at the moment. Again, safety is top notch priority in an ongoing pandem situation, and STPL's ROBOMATIC 2.0 robots are helping us keeping social distancing as one only needs 1 operator operate 5 machines," said Shri Sailesh Italiya of Twara Diamond, a diamond manufacturer associated with the Surat diamond industry.

Shri Hasmukh Kakadia, of Kakdiam, another Surat-based diamond processor, said, "Whether it is business communication or diamond processing, new digital technologies have become crucial. We are using STPL (http://stpl.com/stpl-profile.html)'s Robotic Planner and ROBOMATIC 2.0 4P robots for diamond planning and cutting s are confident that we will be able to keep pace with the demands of the new world in a timely manner even in these difficult times. We have over 100 STPL 4P robots in our units. Even in present Covid-19 situation where social distanc becomes a mandatory need through STPL's robots we are well managing the same."

STPL (http://stpl.com/robomatic.html) has developed the world's first robot for the diamond industry that makes some the most complex aspects of diamond processing perfectly automated and error-free, helping the industry accelerate production in terms of quality and quantity. Normally one operator is required for every 4P machine, but in STPL's ROBOMATIC 2.0 4P machine, the five 4P machines can be operated by only one operator. Thus, the rules of social distance can be fully complied with. Intelligent robots complete the integration of CAD-CAM solutions between Diamo Planner and Diamond Cutting Equipment. As a result, the polish weight and profit margins increase. Profits were decl due to human error in the diamond sewing process in the older generation, non-robotic machines. The wonderful combination of STPL's multi-sawing setup, one can achieve more production with fewer operators. The robot planner requires fewer operators and gives more production in less space.

Commenting on this, Mr Rahul Gaywala, CEO, STPL (http://www.stpl.com/), a state-of-the-art diamond processing solutions provider based in Surat, said, “Only robotics and automation can keep the diamond industry afloat in the futu The diamond processors who understand the importance of digital solutions in the diamond industry will be able to outperform others in the new, more competitive world. Robotics and automation allow for faster, more quantitative and better-quality production in less time, less space and with fewer craftsmen."

STPL (http://stpl.com/stpl-profile.html) has established its distinctive and extremely strong identity in the diamond processing industry with its wide range of technologies and value-oriented approach. Today, STPL solutions are used over 2,000 diamond processing units in more than 28 countries and 5 continents around the world.

Established in 1993, STPL (http://www.stpl.com/) develops state-of-the-art technological solutions for the diamond industry. Today, STPL is the only company in the global diamond industry to develop total technology solutions for the entire process of diamond manufacturing, such as diamond analysis and planning, diamond cutting, blocking and safe diamond trading. STPL's advanced technological solutions ensure more production at a lower cost. STPL Company h creative and innovative talent dedicated to the goal of enhancing excellence in the diamond industry.

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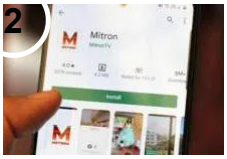

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