

# Application Success Stories

## TI Cycles of India - Bicycle



Conversion from Liquid  
to Powder

Color Change Flexibility

Enhanced Coating  
Results

# Application Success Stories

## Installation Key Data

**Parts:** Bicycle Parts

**Part Size:** 1200(H) x 600(W) x 1200(L) mm

**Line Speed:** 5.00 m/min

**Scope of delivery:**

1x MagicCompact® EquiFlow® BA04 booth

10x OptiGun® GA03 automatic guns

12x OptiStar® 4.0 gun control units

2x OptiSelect® Pro manual guns

2x Reciprocators ZA08-13/XT10

1x OptiCenter® OC09 powder management system

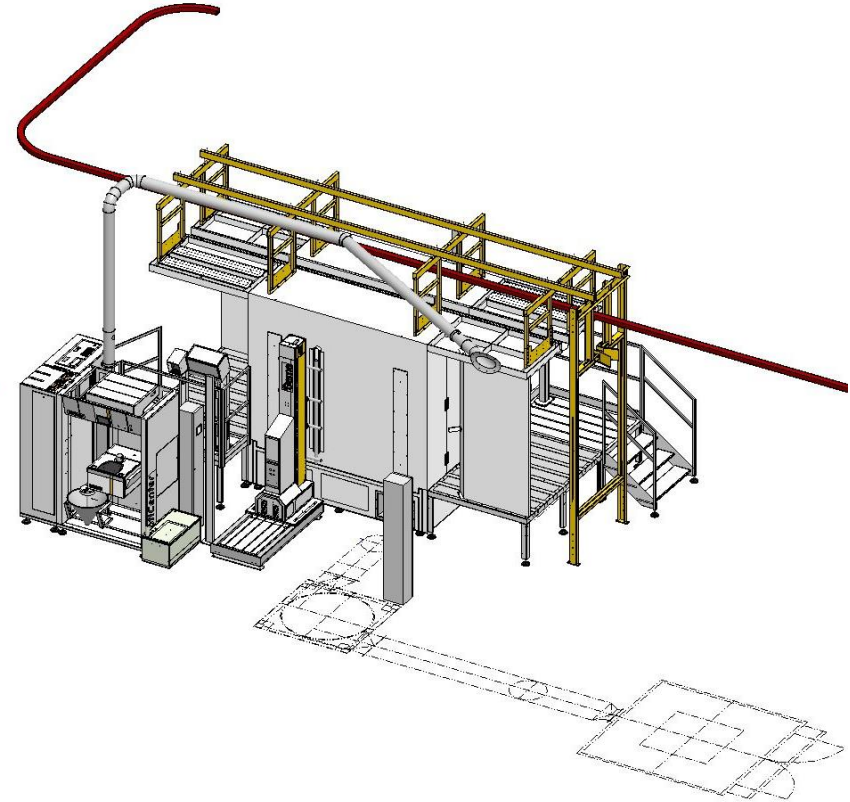
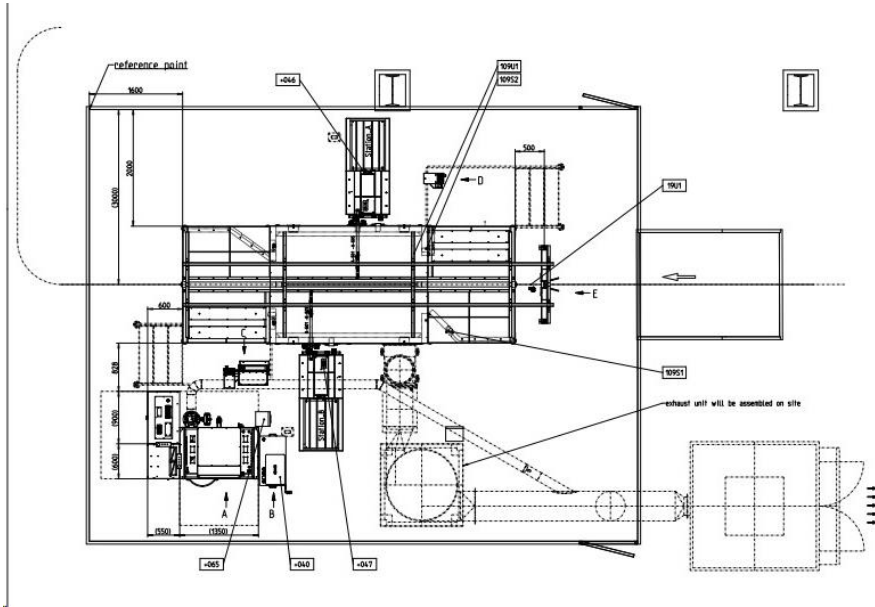
1x STS CO<sub>2</sub>

1x 12'000 m<sup>3</sup>/hr Cyclone & Filter



# Application Success Stories

## Layout



# Application Success Stories



## Company Profile

TI Cycles of India, part of the \$3.03 billion Murugappa Group, is on track to achieve its target of 4.3 million bicycles and a revenue of 10 billion rupees this fiscal year. The company is best known for its flagship bicycle brands – BSA, Hercules, Montra and Mach City.

## Company Expectations

The Company decided to change from a liquid painting process to a powder coating system to improve productivity, finish quality and a contamination free quick color change. They were also looking for a solution that would ensure an excellent coating appearance while minimizing powder consumption.

## Keys to Success

The customer decided to invest in Gema after much market research and comparison. With Gema, they have the flexibility to coat the different parts of the bike with minimal touch-up. With the application performance of the entire system, TI Cycles achieves a high quality finish while maintaining flexibility in color change.