50% Powder savings with dense phase technology, Levpyora, Finland

Top coat application on large metal fabrications with Encore HD application equipment, through AA Tekno (Nordson agent).

Project Overview

What’s new at the plant?
ColorMax3, PowderPilotHD controls, SpectrumHD Feed Centre, EncoreHD auto guns.

What does the customer say?
“Installation went very nicely and quicker than expected. Local installation team and Nordson handled everything professionally and were there to support us when needed. Our coaters are very happy with the HDLV pumping technology for coating difficult areas.

We have noticed about 50% powder savings compared to our previous equipment.”

Specifications:

- Year of construction: 2015
- Type of components: Large wheels - construction industry
- Parts material: Steel
- Passage height: 1.8m
- Passage width: .9m
- Line Speed: 1.5m/min (max)
- Cabin: ColorMax3
- Cyclone: Twin
- Filters: 20,000m³
- Color change: 7-10 minutes
- Powder Centre: Spectrum HD
- Gun assembly: 4 x Encore HD, 2 per side (oscillator)
- Pump: HDLV x 5
- Requirements / features:
  - Coating thickness 60-90 micron