

## New Technology - Line for ECO - DRY Mechanical Pickling and Coil Steel Strip Descaling - Speed 25 - 60m/min



Eco dry pickling line located in Slovenia in Europe

Characteristics:

- Max. speed: 60 m/min
- Max. strip width: 1600 mm
- Min. strip width: 500 mm
- Turbines: 55 - 160kW E-ECO
- Treat: High Carbon Steel  
Inox Steel  
MKM Steel

**ENVIRONMENTALLY FRIENDLY TECHNOLOGY**

**UNIQUE**



+ 100% Eliminate harmful chemicals!  
With Siapro, a customer can also specify the surface roughness (Ra value) needed for their application.

**Descaling without chemical substances! Specify Surface Roughness! Cleanliness Sa3!**

+ Turbines E-ECO have concave blades and can withstand up to 10 times more than any other conventional blade due to highly wear-resistant material.

**Turbines E-ECO with Carbide Blades, New Generation of AAD Valve!**

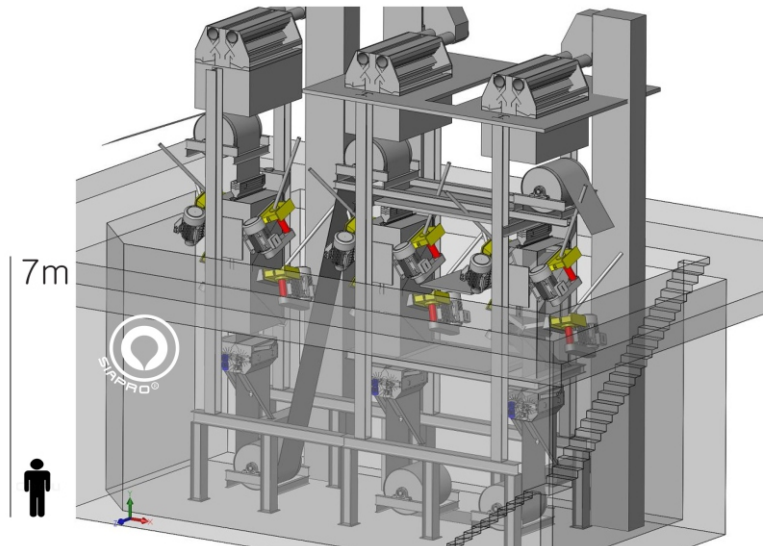
+ Siapro has developed CPMT - Continuous Process Monitoring Unit for long distance control, PLC, Smartphone, Ipad.

**Full Automatization with Wireless CPMT! Long Distance Control!**

## ECO - DRY Mechanical Pickling Line

### ADVANTAGES

- 100% Eliminate harmful chemicals!
- Save operating costs and space.
- Create a surface that resists rusting.
- Material that has gone through the process will have a uniform, smooth overall appearance.



Photos: 3D picture shows a 15m high Siapro machine for coil steel strips mechanical cleaning. Photo during assembly at final location.



Machine Blasting		Turbines Information		Machine Blasting	
Machine-1	Turbine-1	Turbine-2	Turbine-3	Turbine-4	
Turbine	RUN	RUN	RUN	RUN	
AD-Valve	RUN	RUN	RUN	RUN	
Freq SetPoint	57.0 Hz	57.0 Hz	57.0 Hz	57.0 Hz	
Freq Actual	57.0 Hz	57.0 Hz	57.0 Hz	57.0 Hz	
Amps SetPoint	39.0 A	38.0 A	38.0 A	39.0 A	
Amps Actual					
Machine-2	Turbine-5	Turbine-6	Turbine-7	Turbine-8	
Start Signal	RUN	RUN	RUN	RUN	
AD-Valve	RUN	RUN	RUN	RUN	
Freq SetPoint	57.0 Hz	57.0 Hz	57.0 Hz	57.0 Hz	
Freq Actual	57.0 Hz	115.0 Hz	125.0 Hz	125.0 Hz	
Amps SetPoint	125.0 A	115.0 A	125.0 A	125.0 A	
Amps Actual	126.0 A	115.0 A	128.0 A	127.0 A	

### CUSTOM MADE CONSTRUCTION

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### Descaling Coil Steel Strips

