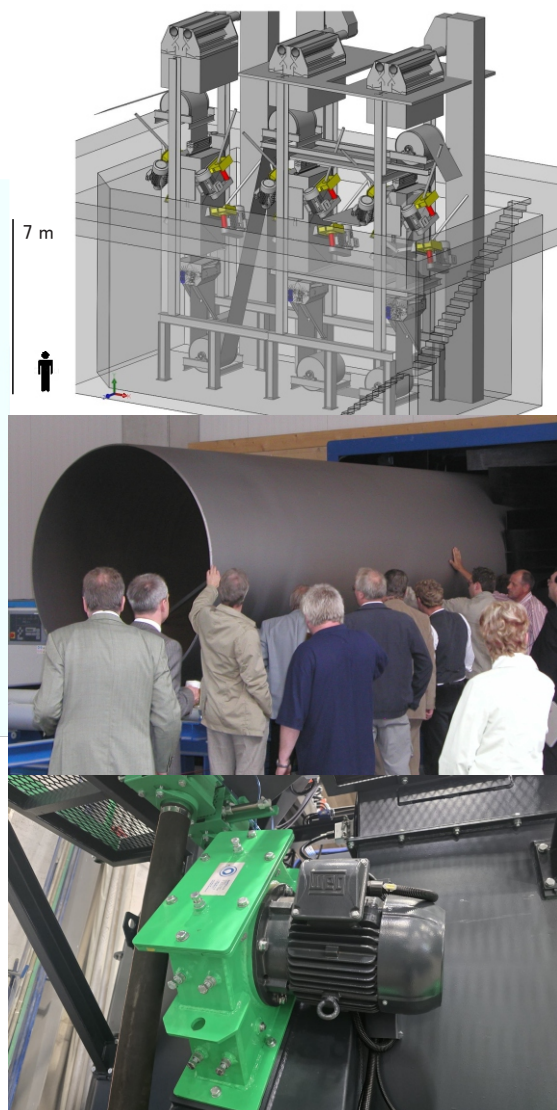
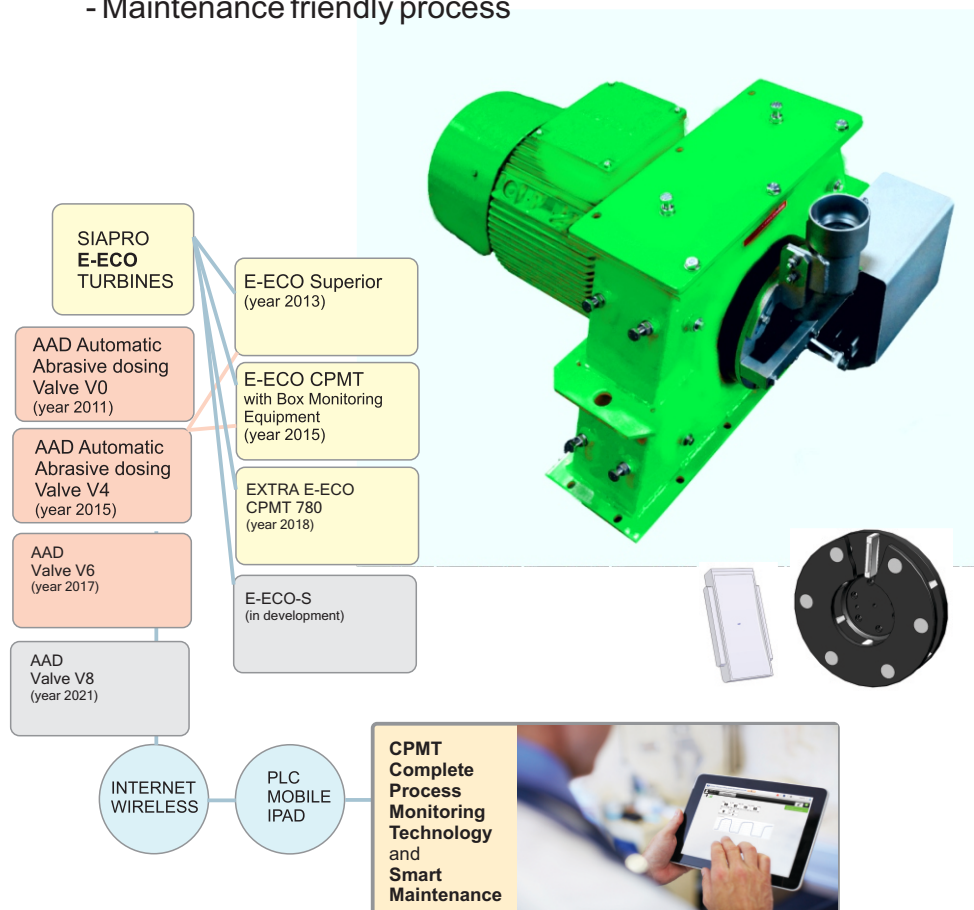


SIAPRO MOVING GLOBAL

- Innovator in shot blasting applications
- Smart production through technology and experience
- Maintenance friendly process



E.ECO SHOT BLASTING TURBINE

TYPE E.ECO CPMT

REVOLUTIONARY Surface Treatment Technology(CPMT) in shotblasting. Proven smart system and the unique long life equipment with possibility to integrate into all machines and production lines of different producers:

- Siapro Software & E.ECO Wheel Turbine Solutions
- E.ECO turbine + AAD automatic abrasive dosing + Complete Process Monitoring
- Applications: Shot Blasting • Shot Peening • Dry Pickling • Descaling
- Proven references: LTH, Akrapovič, steel mills & international projects
- Designed for heavy-duty applications, steelworks & metal coil cleaning
- Remote monitoring, networking & intelligent machine control
- Optimized maintenance, reduced downtime & higher productivity
- Advanced PID process control
- Fast machine communication & diagnostics
- Turbine rental available • 30-day free trial • Stock machines
- 100% Made in Europe – Premium performance at the best value

Headquarters:

SIAPRO d.o.o.
Postaja 9
5216 Most na Soči, SLOVENIA
Europe

T: +386 5 384 16 32
E: info@siapro.eu

www.siapro.eu

CHARACTERISTICS OF E-ECO COMPLETE PROCESS MONITORING

Customers defined demands:

- Applications: Shotblasting/Shotpeening/Mechanical pickling/descaling
- ShotBlast cleaning to pure metal: very easy to reach SA3 (white metal)
- Blasting speed from 0 – 80m/min
- Easy achievement of specified surface roughness (RA Value)
- Descaling without chemical substances
- Complete process monitoring technology for best efficiency, economic benefits and smart maintenance

Turbine innovative production characteristics:

- Revolutionary control of outlet speed, control/adjust abrasive dosing
- Sensor systems for optimal output, control of temperatures, vibrations etc.
- Communications connections with PLC, Smartphone, iPad
- Full automation with wireless CPMT – long distance control, digital control
- Shotblasting system self adjustment any time in the process from any place

Increased savings (Extra-Economy-Ecology-Efficiency):

- Optimal abrasive consumption (10% lower than classic turbines)
- Turbines 100% produced in Europe, Slovenia
- Decreased noise, stress, vibrations and wear-out, sensor systems for increased productivity, reduced energy consumption (up to 27%)
- Shot-flow optimization for the best blasting capacity (increase in output 10 – 30%)

Lower costs with smart maintenance and maintenance friendly process:

- E-ECO wheels high quality material used
- Increased wear resistance and blades life time (8– 10 times longer than classic turbine)
- Improved life time of turbine and machine's spare parts, turbine long service life
- Monitoring for easy maintenance, 'User friendly machine' – Save your Time!



Specifications

TECHNICAL DATA	E-ECO CPMT 320	E-ECO CPMT 380	E-ECO CPMT 506	EXTRA E-ECO CPMT 78
CPMT Modul	yes	yes	yes	yes
AAD Automatic Abrasive dosing	*optional	*optional	*optional	*optional
Wheel Diameter (mm)	320	380	506	780
Max Capacity kg/min	240	560	1.580	3.500
Installed drive power (kW)	till 5,5-22 kW	11-45 kW	30-110 kW	110-250 kW
Blades No.	4 - 6	6 - 8	6 - 12	8 - 12
Blade material	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide
Shield	Tempered Tool Steel	Tempered Tool Steel	Tempered Tool Steel	Tempered Tool Steel
Impeller, Control cage	Full Carbide	Full Carbide	Full Carbide	Full Carbide
Turbine Hot Spot Regulation	yes	yes	yes	yes
Blasting Speed	from 0 - 60 m/s	from 0 - 60 m/s	from 0 - 80 m/s	from 0 - 80 m/s
Cleaning Standard	Very easy to reach SA3	Very easy to reach SA3	Very easy to reach SA3	Very easy to reach SA3
Surface Roughness (RA Value)	Customer specified	Customer specified	Customer specified	Customer specified

Customers demands:

1. Availability (distribution worldwide): Fit to all machines, we offer build-in machines and equipment of different producers.
2. Treatment Basic or Heavy Duty: Blasting / Peening / Dry Pickling / Descaling.
3. Three+1 E-ECO CPMT turbines for all productions.
4. Turbine E-ECO solutions for price optimization - modules upgrades.
5. Optionally supplied with trolley.
6. Optionally supplied classic turbines.

E-ECO CPMT applications in steel industry and foundries:

