



TRC 750 Tumbler Shot Blasting Machine for the Recycling Industry in England



This machine is equipped with 2 E.ECO 380 shot blasting turbines, each with a power of 15 kW. E.ECO turbines are entirely manufactured by Siapro. The machine is in operation in England and is used in the recycling industry for shot blasting scrap aluminum.

The machine features a magnetic separator for extracting valuable metals during the recycling process. Additionally, it is equipped with a vibration unloader, which transfers blasted parts directly into a collection box. The machine has a loading capacity of 1.5 tons. Dimensions of the machine are 11 meters in length, 7 meters in height, and 5 meters in width. It is designed for fully automatic operation. A single press of a button ensures continuous operation until the next batch of shot blasting material is loaded.

General use: Siapro Tumbler shot blasting machines are powerful tools designed for surface treatment processes. They are widely used to clean, deburr, or prepare metal surfaces for coating. Their ability to deliver consistent results and automate surface finishing makes them indispensable in industries such as automotive, aerospace, and metalworking, where they enhance both the durability and aesthetics of components.

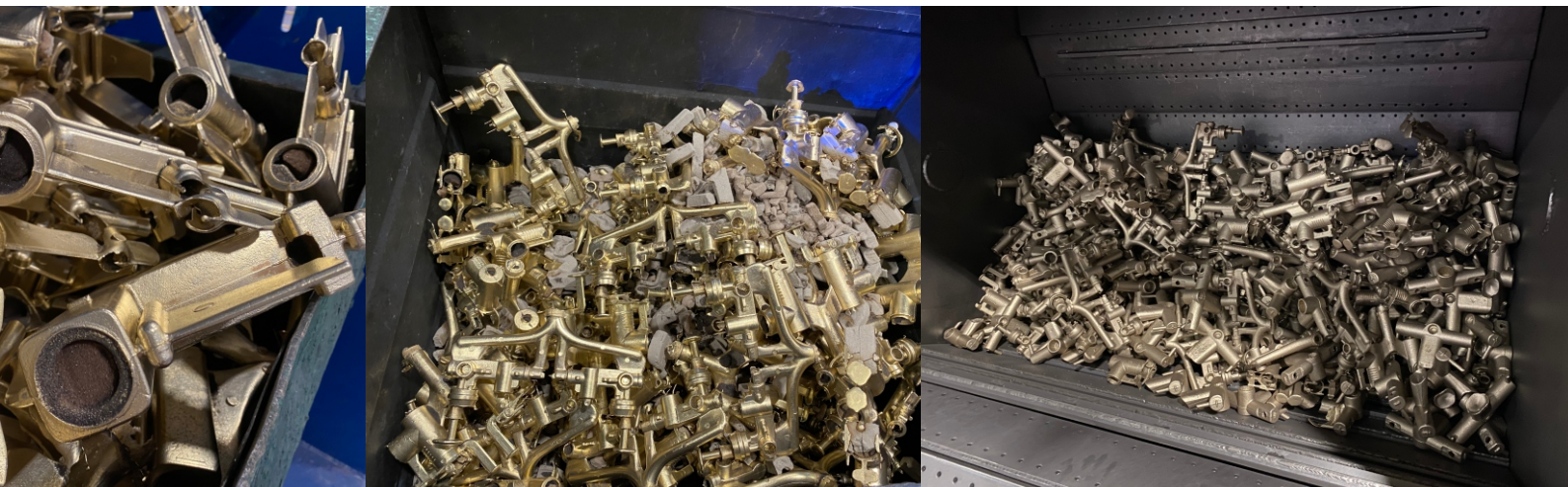


TMC 800 Tumbler Shot Blasting Machine Installed in a Turkish Foundry



Machine for foundries: This Siapro shot blasting machine is designed for use in foundries and is specifically intended for cleaning castings. It is installed in a Turkish foundry that specializes in casting non-ferrous metals. The machine is designed for shotblasting of smaller castings. It is equipped with 2 E.ECO blasting turbines, each with a capacity of 380 and a power of 30 kW. The maximum load capacity is 1.5 tons, which represents Siapro's standard for this type of machine. This machine is one of the largest drum-type shot blasting machines manufactured by Siapro, but we can offer even larger tumbler machines.

Key features include a magnetic separator and a vibrating sieve positioned above the separator. Additionally, the machine is equipped with a vibration sieve located between the shotblasting chamber and the elevator. Additional to the machine is a vibrating unloader for unloading of castings from the machine. The dimensions of the machine are: 7.5 meters in height, 10 meters in length, and 5.7 meters in width. In 2023, Siapro produced several of these larger drum sandblasting machines which are now operating in various locations across Europe.



TRC 210 Tumbler Shot Blasting Machine Installed in Sweden



This high-quality shot blasting machine with E-ECO turbines is manufactured entirely by Siapro in Slovenia. 100% produced in Europe the machine is currently in operation in Sweden. It is used for shotblasting aluminum products. It is specifically designed to function in ATEX-compliant environments.

Machine is quipped with a single E.ECO 300 shotblasting turbine and a power output of 11 kW. The machine also includes frequency regulators, providing enhanced operational control. It has a capacity of 150 liters and a maximum load of approximately 300 kg. The dimensions of the machine are as follows: 3.3 meters in height, 4 meters in width, and 6.5 meters in length.

Market position: In recent years, Siapro has established itself as the No. 1 supplier of shotblasting machines in Slovenia. We are proud to have earned the trust of numerous customers in our domestic market, reinforcing our reputation for quality and reliability.



TRA 150 Tumbler Shot Blasting Machine Installed in Slovenia



The Tumbler shotblasting machine TRA 150, located in Slovenia, serves the domestic market. The machine is used in the agriculture industry for shotblasting smaller pieces. It is a standard type of machine and is one of the most widespread Siapro models. We can offer the machine with the various options. In this case, it is a model with a skip and a rubber conveyor for unloading of the machine. The machine is equipped with 1 E.ECO turbine of size 380 and power of 11 kW. Shotblasting machine is equipped also with a frequency regulator and an AAD valve. This ensure accurate dosing of the abrasive into the machine and minimum costs.

Special features: The machine has the option of selecting various programs that do not require any additional machine settings and work completely automatically.





TRB 150 Rubber Belt Tumbler Shot Blasting Machine Installed in Germany



Shotpeening machine: The machine is intended for shotpeening springs. It is equipped with a frequency regulator and an AAD valve. Even for its smaller size the machine has big production capacity. Our E.CO shotblasting turbine can boost production efficiency for more than 10%, compared to a standard turbine. The special feature of the machine is that it has two loading belts. The first takes the pieces from the shotblasting machine, while the second loads them into the box.

The machine has a filter integrated on the machine housing. This makes machine more compact for small spaces.





TRB 300 Tumbler Shot Blasting Machine for Surface Preparation Located in Germany



This TRB 300-liter tumbler shotblasting machine is installed in Germany. It is designed for the surface preparation of metal parts with a focus on achieving high surface roughness.

E.ECO shotblasting turbines: The machine is equipped with E.ECO turbines with durable tungsten carbide wheels to resist extreme wear. The machine features two high-power wheels (7.5 kW each) and a total installed power of 26 kW, making it a robust and efficient solution for industrial applications. Machine has also a hydraulic loader for simplified loading, a vibration conveyor, a rubber belt unloader for seamless material handling and a large filtration unit to ensure a clean working environment.

A maximum load capacity is 1.000 kg with a load volume of 300 liters. A drum diameter is 850 mm and a drum width is 1,200 mm.





This machine is specifically designed for blasting heavier pieces, with a maximum load capacity of up to 2 tons, making it ideal for demanding industrial applications. The machine is equipped with 2 E.ECO turbines, each with a size of 380 and a power output of 15 kW. It has a capacity of 210 liters. The machine is in operation in the Netherlands. Key features of the machine are:

Vibrating Conveyor: A vibrating conveyor is installed beneath the machine to facilitate the transport of larger pieces. This ensures efficient handling and processing.

Vibrating Unloader: The machine is also equipped with a vibration unloader for seamless unloading operations.

Anti-Noise Chamber: The machine operates within an anti-noise chamber, minimizing sound pollution. The chamber features a roll-type door with an automatic sensor. The door opens when personnel approach and closes automatically after their exit.

Dimensions of the machine are height 5.5 m, length 7 m and width 4 m.





Dimensional adjustments: The machine is equipped with 2 E.ECO turbines, each with a size of 320 and a power capacity of 7.5 kW. It was sold to a customer in England. A distinctive feature of this machine is its custom design, tailored to meet the customer's specific requirements. This means that the customization involved dimensional adjustments and creating a machine capable of accommodating three barrels.

A vibratory unloader is installed beneath the machine to transport products further along the production line into specialized containers for additional treatment processing. The machine also includes a frequency regulator.

Custom made machines: It is important to highlight our flexibility in adapting to various customer requirements, ensuring our solutions align with their specific workflows.





Two machines made of stainless steel: On this occasion, we have two machines installed at the same customer's facility, operating within the automotive industry.

What makes these machines special is their construction from a special material - stainless steel. This choice of material was necessary in this special shotblasting process. This process requires contamination-free conditions. Consequently ordinary structural steel could not be used.

Both machines are equipped with an AAD valve and a frequency regulator to control the flow of abrasive material into the machine. Additionally, each machine features a cyclone installed in front of the filter. This setup ensures that larger dust particles are separated before reaching the filter, optimizing the filtration process.

These machines are currently in operation at a globally recognized customer in Slovenia.



Easy transportation: This is a compact and specialized machine, designed for easy transportation as a single unit on a pallet. It is utilized by our customer in Slovenia and it is used for shotblasting small batches of moldings and plastic products. The machine is small but it features a robust design. It can be customized according to the customer's preferences for example integration a built-in filter.

We offer flexibility in the control systems. We offer the use of advanced options like Siemens steering units or relay-based controls.

Beyond the standard version, we provide various customization options. We can design the machine entirely to meet specific customer requirements.