

Nine reasons to choose SIMMM

1. A complete range. (we design pumps)

SIMMM Engineering, present on the national and international market, designs and manufactures professional piston pumps and high pressure water cleaners. Years of experience have aided SIMMM in realising pump groups, both “Axial” and “rod/crank” with high efficiency, both for output and pressure/flow. Through their experience they can satisfy expanding markets. All the SIMMM pump groups and pressure cleaners are certified by the most prestigious European quality marks.

2. We have something more. (And you can see it)

Not all pump groups are the same. In designing the SIMMM AXA model, SIMMM’s goal was to stand out from traditional models. The AXA pump group is equipped with ceramic-coated pistons and integrated by-pass valves that guarantee immediate pressure regulation without dispersion. The special configuration of the intake and feed valves (patented) guarantees absorption management, improving yield considerably, resulting in pressures (200 bar) so far unthinkable and with absorption lower than 14 A in single phase (230 Volts). Furthermore, the technology used allows the SIMMM AXA group to stay in by-pass up to 5 hours with no wear on any of the seal gaskets.

3. 1.450 r.p.m. (3 phase - 1 phase use)

All the professional pressure cleaners manufactured by SIMMM boast an impressive range of models (10 in all), distinctive because they operate at 1.450 r.p.m. both in single phase and in three-phase. Low motor revolutions guarantees long life of the pump group, reducing wear on its mechanical parts. All the models designed by SIMMM such as Power Cleaner, Power Line, Hydro Gun, Water Gun have the SIMMM AXB and SIMMM AXA group, this latter offering pressures from 100 bar (12 lt./min) to 150 bar (10 lt./min) achieving up to 200 Bar (7 lt./min.)

4. Our pump groups work well. (Even without water)

Many of the traditional pump groups have difficulty working in the “by-pass” state, i.e. when the trigger on the pistol is released and the water circulates inside the pump overheating the brass parts, the valves and the seal gaskets. This condition, considered extreme, is tolerated for only a few minutes. By using new technologies in the design of the AXA model, SIMMM was able to create the only axial pump that can withstand in by-pass up to 5 hours with no wear.

5. 75°C. (with a cold water p. Cleaner)

Good yield and operation in a pressure cleaner is to be found in the natural element par excellence: water. A correct and constant flow of water guarantees less stress on the motor pump group, therefore a longer life. SIMMM pressure cleaners can be fed with water up to 75°C for several hours of use without costly optional kits. The mechanical and heating action of the water guarantees a higher degree of stubborn dirt removal and restores cleanliness with no need to purchase a hot-water pressure cleaner.

6. Working at 200 Bar. (yet at 220 Volts – 1 phase)

Sufficient pressure is as important as a correct flow of water. Until today achieving up to 200 Bar meant purchasing a three-phase type pressure cleaner. Although this guaranteed high performance, there was the inconvenience of having to purchase a heavy machine, limited to 400 Volts 50 Hz. (220 - 60 Hz.) and with higher costs. With their AXA model, SIMMM succeeded in optimising the trinomial absorption/pressure/efficiency, achieving a pressure of 200 Bar with only a 3 Hp motor installed, with absorption less than 14 A. So far it is the only machine on the market with this performance.

7. Our machines are “open”. (we hide nothing)

Clarity is at the basis of any relationship and this is why SIMMM, with all their products, feel it is important to display the more important parts that make up their pressure cleaners. All the motor pump groups are visible (no plastic skirts) for easy maintenance and a rational arrangement of the water connections. The motor group is well “guarded” by a plastic body with high mechanical resistance. The loadbearing structure is in steel, as well as the housing for standard accessories such as the hose, pistol and multi-adjustment nozzle.

8. PWT water tank. (with no float)

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9. We love transparency. (We’re honest)

All SIMMM products are certified by the most important international quality marks, amongst them “TUV”, recognised as the most important one regarding safety and efficiency of procedures used. SIMMM wants to be transparent with their customers, so all the technical data such as pressure and flow shown in their catalogues are intended as “in use”, therefore “real”, verified and tested by our technicians. Words easily misunderstood such as “maximum pressure or allowable overpressure” are not used, so as not to cause confusion for the customer. Upon request, the tables of the nozzles used are available for all SIMMM pressure cleaners, for verification of the data shown.