



WORKING PRINCIPLE

The pneumatic pumps and Accessories of the Nova, Omega, Ghibli and Vega series work using the principle of airless painting: high pressure painting without air assistance. Atomisation occurs when the product is passed at a very high pressure (more than 120 bar) via a small opening called “nozzle”.

The vast range of equipment and Accessories satisfies every need, determined by the type of material, the flow required and the degree of finishing desired.

The pumps may be supplied, according to the models, on trolleys, wall brackets, or on pail in order to ensure easy use and simple and fast maintenance.

Airless painting guarantees:

Transfer efficiency: the percentage of paint deposited is higher than the total quantity released by the machine.

High efficiency.

Airless painting exerts pressure on the product, forcing it to pass through an appropriately-sized opening (calibrated). The product reaches such a speed and force that the impact with the air mass causes its division into minute particles. The pressure exerted is proportional to the flow required and the physical characteristics of the product.

The angle of the fan spray is determined by the size of the nozzle. It is necessary to change the size of the nozzle to alter the flow rate and the fan opening.

The airless spray is composed only of paint; it is not subject to turbulence and is directional.

PNEUMATIC AIRLESS EQUIPMENT

Airless painting - ATEX certified  II 2 G c IIB T6

Model	Version	Ratio	Air pressure supply	Max. working pressure	Flow rate l/m	C.C. cycle
Super Nova 45:1	Std / Stainless steel on trolley / wall	45:1	3÷6 bar	270 bar	14 l/m	230
Super Nova 68:1	Std / Stainless steel on trolley / wall	68:1	3÷6 bar	408 bar	11 l/m	180
Super Nova 80:1	Std / Stainless steel on trolley / wall	80:1	3÷6 bar	480 bar	9 l/m	139
Super Omega 23:1	Std / Stainless steel on trolley / wall	23:1	3÷6 bar	135 bar	14 l/m	230
Super Omega 34:1	Std / Stainless steel on trolley / wall	34:1	3÷6 bar	204 bar	11 l/m	185
Super Omega 34:1 zinc	Std on trolley	34:1	3÷6 bar	204 bar	11 l/m	185
Super Omega 40:1	Std / Stainless steel on trolley / wall	40:1	3÷6 bar	204 bar	9 l/m	139
Ghibli 30:1	Std / Stainless steel on trolley/ wall	30:1	3÷8 bar	240 bar	4 l/m	60
Ghibli 30:1 Zinc	Std on trolley	30:1	3÷8 bar	240 bar	4 l/m	60
Ghibli 40:1	Std / Stainless steel on trolley / wall	40:1	3÷8 bar	320 bar	3 l/m	45
Vega 23:1	Std / Stainless steel on trolley / wall / pail	23:1	3÷8 bar	185 bar	2 l/m	28