Pre Atomi∠ation Technology with split nozzle



What is special about the pre atomization technology with split nozzle?

Compared to the proven standard nozzle (round nozzle) the material is atomised at the trailing edge with split nozzle.

The result is a homogeneous, soft and finely atomized fan pattern and an equally pronounced wet core with high material savings.

Also the fan formation is very uniform and thin.

standard nozzle



split nozzle



0,05 bar



O,I bar





0,3 bar

















Model

LS-400-ETS14 1.4 ETS 420 LS-400-ETS15 1.5 ETS

max. operation pressure: 7.0 bar temperature range: 5~40° C air nipple: G 1/4" M fluid nipple: G 1/4" F

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0	÷	101211		1212-201		÷.		
0	130 mm	250	200 m m	350	0 mm			695 with
0	spray distance 13	225	spray distance 20	210	spray distance 300 mm	400	LS-400-05	cup 475
0	sprayd	235	spray d	310	spray o	410		without cup
0		240		320		425		



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evotech



With the LS-400 entech HVLP technology and pre atomization technology are coupled together. This promises the user a very high comfort of application. HVLP combined with the pre atomization technology ensures a finer atomization without too dry droplet formation, what means, that paint droplets are formed at a constant humidity.

The results are: a stable and large fan pattern, high stability in droplet sizes and maximum material savings at only 400 NI/minute

Water Base Coats of second and third generation can be processed regardless of the climatic

The WS-400 evo achieves - using the pre atomization technology - a perfect surface finish with a very fine atomization. The large uniform fan pattern ensures a high material transfer, so-called fat edges are reduced clearly visible.

Easy screw release paint cup system

The screw design fluid joint enables rapid screwing and unscre of the paint cup using only one hand.

Reliable and precise setting

SUPERNOVA spray guns are equipped with high latex gloves.

Coaxial air and fluid valve

The coaxial air and fluid valve ensures a precise control.

Responsive trigger action

The responsive trigger in stainless steel gives the user complete control.

Superior surface quality and ergonomic grip

The chrome-plated gun body ensures durability and easy cleaning. The slim ergonomic grip helps distribute weight and balance through the wrist, reducing the risk of repetitive strains.

Air nipple

G 1/4"

100% stainless steel

All wetted parts are made of stainless steel.

Perfect balance

The angle of the cup has been designed with both disposable and standard cups in mind. The SUPERNOVA design guarantees perfect balance, even when using disposable cups which being wider and sometimes longer, copuld affect balance.

Fluid nozzle

The conical seal fluid nozzle promises cost savings for the purchase of consumables.



Quick and easy release cap

The air cap has a larger thread, making it both robust and easy to remove and has been designed with low maintenance in mind. The larger slots in the air cap ring facilitate quick removal and refitting after cleaning.

Air regulation

The air regulator allows to adjust the spray air.

The WS-400 evo clear is perfect with the nozzle setups 1.3HD - 1.5HD for the application of clear coat. The WS-400 evo base is used with the nozzle setups 1.3OBS and 1.3HD-1.4HD for the application of base coat.

technology	product	Features	nozzles
Pre Atomization Technology (EPA approved)		 pre atomization technology perfect surfaces very fine atomization very high material transfer large and uniform fan pattern clearly visible reduction of so-called fat edges 	Standard series 1.3 OBS (optimised basecoat setting) HD series (high delivery) 1.3-1.4 HD Base 1.3-1.5 HD Clear
	WS-400 evo		

Features

HVLP technology and pre atomization

technology are coupled together

perfect surfaces

finest atomization

very high material transfer

maximum material savings

large and uniform fan pattern

uniform droplet size at a constant

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precision adjustment controls for setting air, fluid and fan pattern. Moreover, the carefully designed grip gives the professional painter an easy feel, even when wearing



Technology & HVLP		humidit
	LS-400 entech	

product





technology

entech

Pre Atomization



nozzles

ET series

Standard application

1.2-1.3 ET

ETS series

wetter application

1.3-1.5 ETS