

AirCombi / Air Assisted Airless

A soft and even spray pattern at low fluid pressure.

Less bounceback, little spray mist, and high transfer efficiency result in material saving of up to 30 % compared with conventional air atomising spray equipment.

AirCombi equipment has been especially designed for spraying undercuts, cavities, and hollows. Main range of application are the wood industry and commercial vehicle industry.



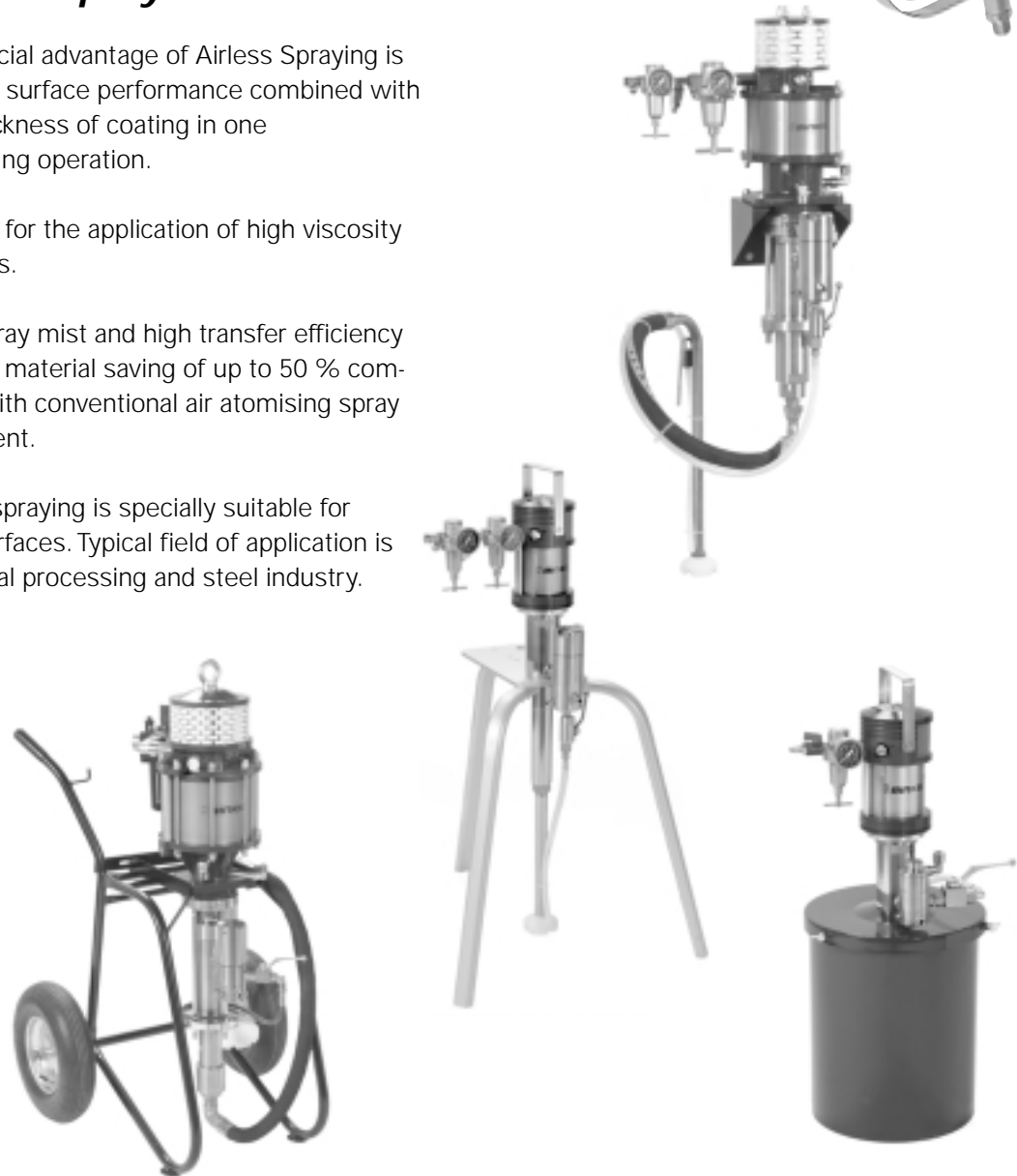
Airless-Spray

The special advantage of Airless Spraying is the high surface performance combined with high thickness of coating in one processing operation.

Suitable for the application of high viscosity materials.

Little spray mist and high transfer efficiency result in material saving of up to 50 % compared with conventional air atomising spray equipment.

Airless spraying is specially suitable for large surfaces. Typical field of application is the metal processing and steel industry.



Summary of Gun Models

Type	Airless	AirCombi	Description	Trigger		Fluid Pressure (max)	Air Inlet	Fluid Inlet	Filter	Swivel Connection
				2 Finger	4 Finger					
AA 4000		•	- finest atomisation at reduced pressure - ergonomic design, for continuous operation - superior fine finish - lightweight	•		275 bar	1/8"	1/4"	○	○
Airless 1	•		- easy and ergonomic, for continuous operation - high transfer efficiency - for industrial finish	•		420 bar		1/4"	○	○
HAP 50	•		- high transfer efficiency - for high viscosity materials - easy, with swivel joint		•	500 bar		1/4"	•	•

All spray guns are waterborn compatible

○ to be ordered separately

Summary of Pump Models

Design	Basic Pump	Pressure Ratio	Pump Capacity			Material	Maximum Pump Fluid Pressure(bar)	Maximum Air Inlet Pressure(bar)	Air Inlet	Connections
			Volume/Cycle ml	Flow @ 60 cycles/min	l/min					
Wall / Cart / Tripod / Container	HP 4/20	20 : 1	27	1,6	4,0	SS	160	8	push in connection DN 7,2 ¹	1/4" NPS AG
	HP 3/28	28 : 1	11	0,7	2,5	SS	224	8	push in connection DN 7,2 ¹	1/4" NPS AG
	HP 4/32	32 : 1	27	1,6	4,0	SS	256	8	push in connection DN 7,2 ¹	1/4" NPS AG
	HP 10/32	32 : 1	72	4,3	10,0	SS	256	8	push in connection DN 7,2 ¹	1/4" NPS AG
	HP 6/34	34 : 1	38	2,3	6,0	SS	272	8	push in connection DN 7,2 ¹	1/4" NPS AG
	HP 25/48	48 : 1	150	9,0	25,0	SS	384	8	claw coupling ø 42 mm	1 x 1/4" NPS AG 1 x 3/8" NPS AG
	HP 6/60	60 : 1	38	2,3	6,0	SS	390	6,5	push in connection DN 7,2 ¹	1 x 1/4" NPS AG 1 x 3/8" NPS AG
	HP 20/66	66 : 1	115	6,9	18,5	SS	429	6,5	claw coupling ø 42 mm	1 x 1/4" NPS AG 1 x 3/8" NPS AG

SS Stainless Steel

¹ AirCombi: threaded elbow joint NW 8x6

Standard Package: Leather/Teflon. Pure Teflon Packages optionally available.

Pump Combination Selection Chart

	Design	Tripod	Cart Mount	Wall Mount	1 Air Pressure Regulator	2 Air Pressure Regulators	Suction System	Fluid Filter
Airless Package	Tripod	•			•		•	•
	Cart Mount		•		•		•	•
	Wall Mount			•	•		•	•
AirCombi Package	Tripod	•				•	•	•
	Cart Mount		•			•	•	•
	Wall Mount			•		•	•	•

Accessories

Hoses	Pressure	Length / m	Connection	Part No.
Air		7,5	1/4"	H-5849
Air		10,0	1/4"	H-5849-10
Air		15,0	1/4"	H-5849-15
Air		20,0	1/4"	H-5849-20
Fluid	350 bar	7,5	1/4"	H-5818
Fluid	350 bar	10,0	1/4"	H-5818-10
Fluid	350 bar	15,0	1/4"	H-5818-15
Fluid	400 bar	7,5	3/8"	H-5835
Fluid	400 bar	15,0	3/8"	H-5836
Insulating hose grey				11775-05
Hose Fitting			1/4" x 1/4"	HPF-31
Hose Fitting			3/8" x 3/8"	HPF-1446

We are pleased to give you advice regarding your individual pump package.
Please consult one of our ITW distributors – or our customer service.



TAHAS Tazyikli Hava Sanayi ve Ticaret A.S.
I. Karaoglanoglu Cad. No: 25/4
34418 Seyrantepe, Istanbul Turkey
Tel: +90 212 284 93 33 Fax: +90 212 282 64 93
Web Site: www.tahas.com E-Mail: info@tahas.com

ITW Industrial Finishing

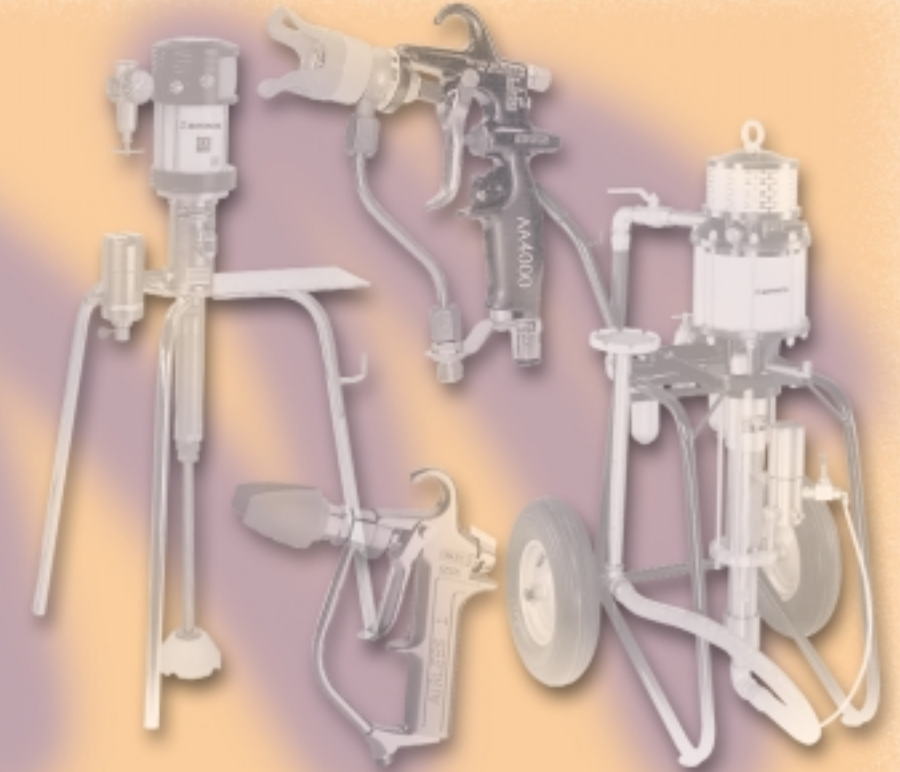
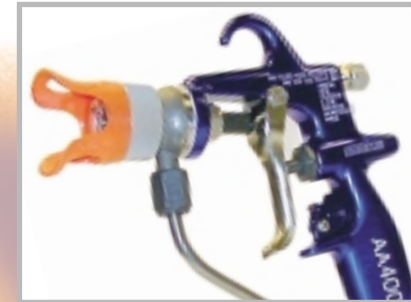
Ringwood Road, Bournemouth,
BH11 9LH England
Tel: +44(0) 12 02 57 11 11
Fax: +44(0) 12 02 57 34 88
E-mail: industrial.mktg@itwfinishing.co.uk

ITW Oberflächentechnik GmbH & Co. KG

Justus-von-Liebig-Str. 31,
D-63128 Dietzenbach
Tel: +49 (0) 60 74/403-1
Fax: +49 (0) 60 74/403-300
E-mail: marketing@itw-finishing.de

ITW Surfaces et Finitions

163-171 Av. des Auréats,
26014 Valence cedex FRANCE
Tel: +33 4 75 75 27 00
Fax: +33 4 75 75 27 59
E-mail: mkt@itwsf.com



Airless/AirCombi Outfits and Guns