



M e t e r i n g P u m p s



# COMPRESSED AIR PUMPS

CMS AC \* GAC \* H-AC



Series GMS

**C**ompressed air pumps combine the versatility of the electronic drive with the strength of compressed air to obtain higher capacities.

**A**.T.A. offers a wide range of these pumps to fulfill every dosing needs.



Series HMS



Series EAC



Series CMS



CMS AC \* H-AC

# CMS AC

## WITH STROKE LENGTH ADJUSTMENT

### CMS AC-CL

Constant pump with level control, stroke speed (frequency) adjustment and stroke length adjustment

### CMS AC-CO

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

### CMS AC-IS

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

### CMS AC-IC

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

### CMS AC-PV

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio1 to 1000) and level control

### CMS AC-PVM

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio1 to 100) and multiplier mode (ratio 1 to 10)



	CMS AC	CMS AC CO	CMS AC CL	CMS AC IS	CMS AC PV	CMS AC PVM	CMS AC IC
Input Signals	None	None	None	Digital Pulses	Digital Pulses	Digital Pulses	mA Current
Internal Controller	Stroke speed	Stroke speed	None	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	Level on demand						

# H - A C

## WITH STROKE LENGTH ADJUSTMENT

### H-AC-CO

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

### H-AC-CL

Constant pump with level control, stroke speed (frequency) adjustment and stroke length adjustment

### H-AC-IS

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

### H-AC-IC

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

### H-AC-PV

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio1 to 1000) and level control

### H-AC-PVM

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio1 to 100) and multiplier mode (ratio 1 to 10)



	H-AC	H-AC CO	H-AC CL	H-AC IS	H-AC PV	H-AC PVM	H-AC IC
Input Signals	None	None	None	Digital pulses	Digital pulses	Digital pulses	mA Current
Internal Controller	Stroke speed	Stroke speed	None	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	Level on demand, PV model with flow on demand						

GAC

GAC

**GACCO**

Constant pump with stroke speed (frequency) adjustment and stroke length adjustment

**GACCL**

Constant pump with level control, stroke speed (frequency) adjustment

**GACIS**

Constant-Proportional pump driven by external digital signal with level control: to each external pulse correspond one pump stroke

**GACIC**

Constant-Proportional pump driven by current (0/4mA = 0 pulses; 20mA = max pulses) and level control

**GACPV**

Constant-Proportional pump driven by external digital signal, with pulse divider mode (ratio1 to 1000) and level control

**GACPVM**

Constant-Proportional pump driven by external digital signal, level control, with pulse divider mode (ratio1 to 100) and multiplier mode (ratio 1 to 10)



E AC	EACO	EACL	EAIS	EAPV	EAPVM	EAIC
GAC	GAC CO	GAC CL	GAC IS	GAC PV	GAC PVM	GAC IC

Input Signals	None	None	Digital pulses	Digital pulses	Digital pulses	mA Current
Internal Controller	Stroke speed	Stroke speed	None	Pulse Divider	Pulse Divider and Multiplier	None
Alarm output	Level on demand					

# Technical Data of All Models

<b>EAC</b>	<b>Max Capacity l/h</b>	<b>Max Pressure bar</b>	<b>Capacity l/h</b>	<b>Pressure bar</b>	<b>ml stroke</b>	<b>Strokes/min</b>	<b>Hoses mm</b>	<b>Watt W</b>	<b>Shipping weight Kg</b>	<b>Air Consumption l/min</b>	<b>Air Supply bar</b>
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<b>180 00</b>	180	00	7	4	25	120	13x16 PVDF 12X15 PE	1 W	9	28	7
<b>140 05</b>	140	05	12	3	19,5	120	13x16 PVDF 12X15 PE	1 W	9	28	7
<b>50 10</b>	50	10	27	2	7	120	8X10 PVDF 8X12 PE	1 W	9	20	7

<b>CMS AC</b>	<b>Max Capacity l/h</b>	<b>Max Pressure bar</b>	<b>Capacity l/h</b>	<b>Pressure bar</b>	<b>ml stroke</b>	<b>Strokes/min</b>	<b>Hoses mm</b>	<b>Watt W</b>	<b>Shipping weight Kg</b>	<b>Air Consumption l/min</b>	<b>Air Supply bar</b>
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<b>180 00</b>	180	00	7	4	25	120	13x16 PVDF 12X15 PE	1 W	9	30	7
<b>140 05</b>	140	05	12	3	19,5	120	13x16 PVDF 12X15 PE	1 W	9	30	7
<b>50 10</b>	50	10	27	2	7	120	8X10 PVDF 8X12 PE	1 W	9	20	7

<b>H AC</b>	<b>Max Capacity l/h</b>	<b>Max Pressure bar</b>	<b>Capacity l/h</b>	<b>Pressure bar</b>	<b>ml stroke</b>	<b>Strokes/min</b>	<b>Hoses mm</b>	<b>Watt W</b>	<b>Shipping weight Kg</b>	<b>Air Consumption l/min</b>	<b>Air Supply bar</b>
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<b>10 14</b>	14	10	7	5	1,55	120	6 x 8	1 W	9	6	7
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sistemi di dosaggio  
trattamento acque  
fertirrigazione  
automazione