



Stop Guessing. Your competitors already have!

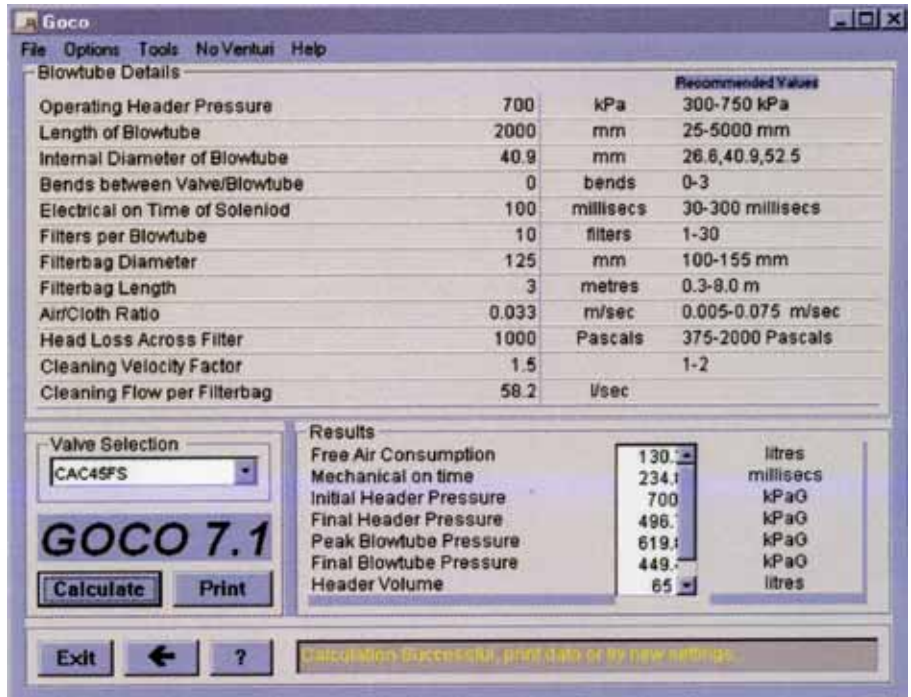
**GOCO Software**

Goyen's unique cleaning systems modelling software allows our engineers to quickly configure and optimise all significant reverse pulse jet cleaning system parameters to your requirements, including:

- Valve size and type
- Actual cleaning flow rates
- System pressures
- Actual developed over pressures
- Required nozzle orifice sizes
- Required tank sizes
- Free air consumption
- Peak pressures

This modelling service takes the guesswork out of filter cleaning system configuration and is suitable for all fabric filter bags, pleated and cartridge filters. We particularly recommend the use of this free service when using Goyen valves, venturis, and nozzles.

**Interface**



**Sample Output**

Date	6/22/99				
Valve	CAC45FS				
Cleaning System	No Venturi				
Venturi Nozzle Size	small				
CUSTOMER		GD-CO Training	GOYEN CONTACT		
CONTACT			PROJECT Sample		
PHONE			REFERENCE		
FAX					
Length of Blowtube	2000	mm	Operating Header Pressure	700	kPa
Internal Diameter of Blowtube	40.9	mm	Head Loss Across Filter	1000	Pascals
Bends between Valve/Blowtube	0	bends	Free Air Consumption	130.2	litres
Electrical on Time of Solenoid	100	milliseconds	Mechanical on time	234.8	milliseconds
Filters per Blowtube	10	filters	Initial Header Pressure	700	kPaG
Filterbag Diameter	125	mm	Final Header Pressure	496.7	kPaG
Filterbag Length	3	metres	Peak Blowtube Pressure	619.8	kPaG
Air/Cloth Ratio	0.033	m/sec	Final Blowtube Pressure	449.4	kPaG
Cleaning Velocity Factor	1.5		Header Volume	65	litres
Cleaning Flow per Filterbag	58.2	l/sec			
		Static pressure (kPa)	Nozzle Size (mm)	Cleaning Flow (l/sec)	Over pressure (kPa)
1	529	8	57.2	1470.8	
2	531.2	8	57.6	1480.8	
3	533.4	8	58	1491.8	
4	535.5	8	58.5	1503.8	
5	537.7	8	59	1517.3	
6	539.9	8	59.6	1532.7	
7	542	8	60.3	1550.8	
8	544.2	8	61.2	1572.1	
9	546.4	8	62.3	1602.8	
10	548.5	8	64.1	1649.5	

Please note that data supplied is for guidance only. Final system design remains the responsibility of the baghouse manufacturer.  
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ONLY AVAILABLE FROM GOYEN!  
To use this service contact your local Goyen agent.