

VELOCITY CONTROL

Features

Control / Drive

- Soft start:
 - Lower Peak energy on motor
 - Longer belt life
 - Longer bearing life
- Energy Savings (typically 30% or more)
- Angel Hair reduction or elimination
- Less dust equates to less dust filter maintenance and longer filter life
- Hour meter on pump for timing preventative maintenance. System alarms for Oil Change and Lubrication
- Alarms include:
 - Filter Dirty alarm, ensuring only dirty filters are cleaned
 - High Pressure/Vacuum and auto shutdown
 - Belt Break
- Single VC series controller can control up to 20 pumps
- System runs under less load, for a longer bearing life on both the pump and motor.
- Less pipe wear
- Higher capacity in certain situations
- Auto shut off of Tanker Truck/Railcar unload when empty
- Lower dB on pumps (less noise)
- Power meter on pump (can be trended as preventative maintenance/trouble-shooting tool)
- Pump utilization trended

Sequence Control

- Allows different speeds for different materials
- Low cost upgrade option to old obsolete sequence control panels
- Vacuum Draw Pump Speed Memory. System will automatically run pump at last good draw speed
- Vacuum Sequence Control

ABS has developed an innovative solution for getting to the root cause of angel hair and wasted energy. Variable Frequency Drives control the speed of the vacuum pump based on the inlet pressure at the pump, allowing the material to be conveyed at a determined velocity. By controlling the velocity of material flow through a material transport system, angel hair can be reduced and often eliminated altogether, and significant energy savings can be achieved.

A low cost option is to easily upgrade obsolete Sequence Control Panels. Drive works with any SC Controller and Graphical Interface.

Incentive Rebates Available in Many Countries

Calculate your savings at:

adv-blend.com/pickup-velocity-calculator.html

or contact your representative for more information.

Advanced Blending Solutions manufactures a full line of vacuum convey, feeding, blending, and storage equipment for the plastics industry. Advanced Blending Solutions also offers a full line of PLC/PC-based controls for gravimetric extrusion control, vacuum sequence control, extruder/die temperature control, and blender control.

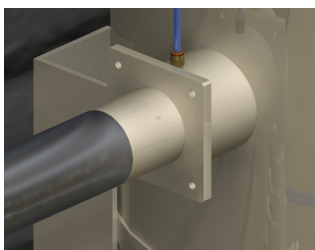


ORDERING INFORMATION

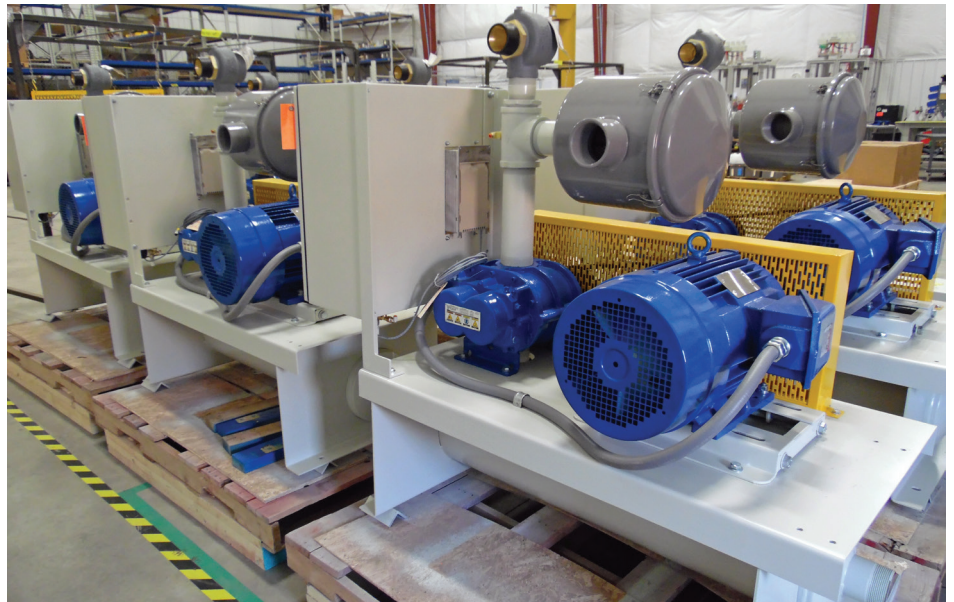
Item	Pump Horsepower	Order Code
Variable Frequency Drive	0,75 kW	I-VCD-1
	1,5 kW	I-VCD-2
	2,3 kW	I-VCD-3
	3,7 kW	I-VCD-5
	5,6 kW	I-VCD-75
	7,5 kW	I-VCD-10
	11 kW	I-VCD-15
	15 kW	I-VCD-20
	19 kW	I-VCD-25
	22 kW	I-VCD-30
	30 kW	I-VCD-40
	38 kW	I-VCD-50
	45 kW	I-VCD-60
	56 kW	I-VCD-75
	75 kW	I-VCD-100
	75+ kW Consult Factory	
Insert Order Code Selections to Create Part Number:		_____



Control Panel



Inlet of Cyclone Filter



Control Style	120V AC Starter	STA
	24V DC Starter	STB
	Variable Frequency Drive	VFD
	None	N

Order new pumps with VFD
option for Velocity Control

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