



This system allows operators the flexibility of transferring the required quantity to a single or to multiple dosing points within the plant. On the receiving end the product is fed into one of two types of receivers; an intermediate receiver, which incorporates a valve system that allows product to fill the receiver while letting air pass through, or an end of line receiver which incorporates dustcollection capabilities. Whether dust collection is performed on the end hopper or back in the silo itself the filter media is effective to 99.99%.

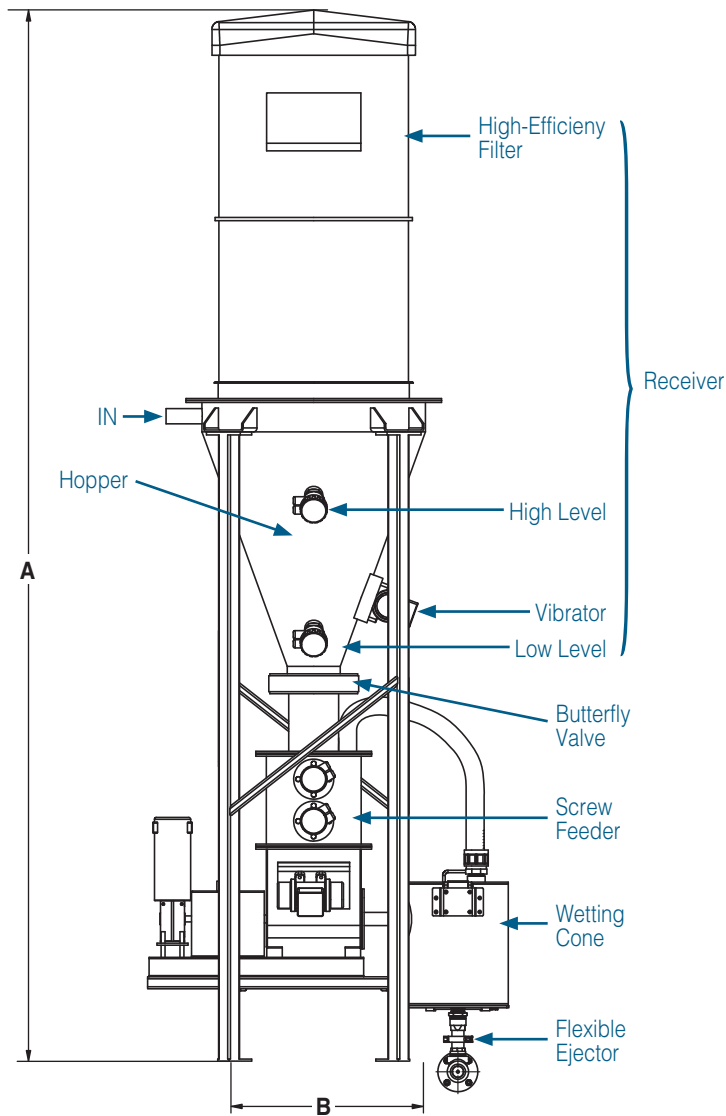
Cleaning of the filter media is done automatically via an integrated pulse jet system thereby extending filter media life. Located beneath the receiving hopper the screw feeder doses the correct amount of lime directly into the wetting drum or wetting cone located above the dosing point which then feed into the water to be treated by our Flexhuri.

This configuration eliminates the need for pumping lime milk and minimizes operator/maintenance intervention due to scaling.

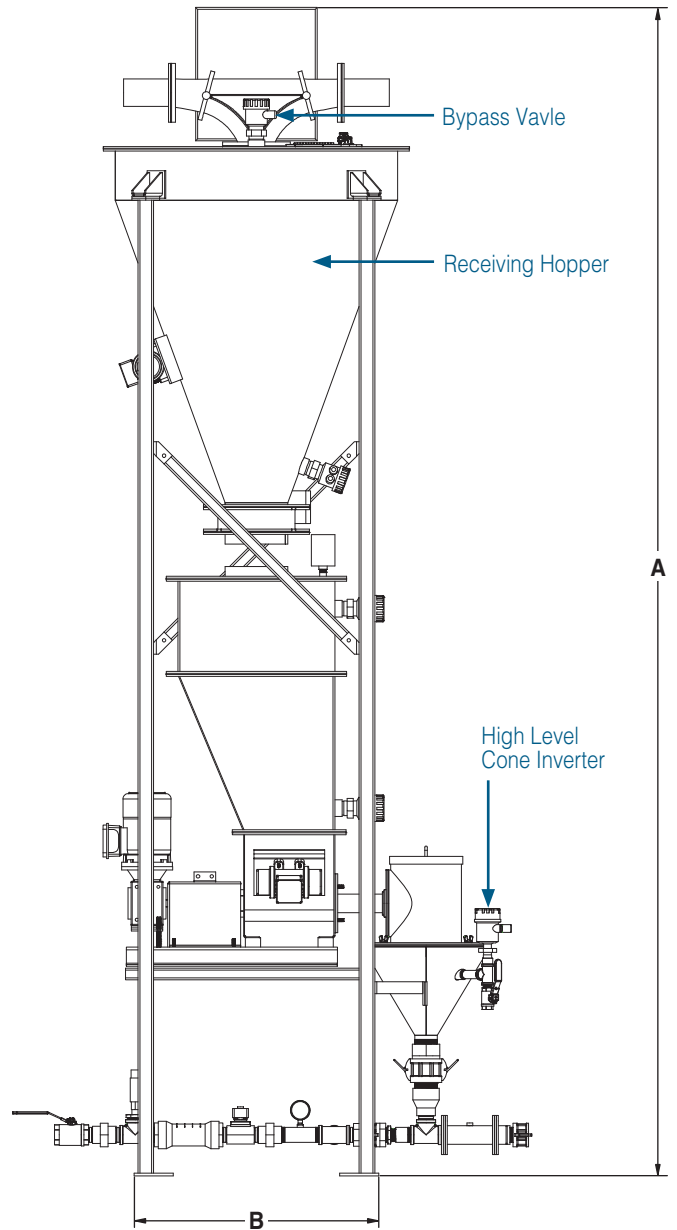
HLS - System Features

- Dry pneumatic conveying of the chemical near the injection point
- High performance polyester filter system with pulse jet cleaning
- Totally enclosed system dust tight
- All required controls wired in junction box
- Precise volumetric screw feeder
- Hydrated lime wetting drum or cone
- Rapid change in concentration for process requirements
- Flexhuri ejector designed for self cleaning of build up scale

Process Capability and Requirements	
Conveying Capacity	Up to 30 kg/min
Conveying Distance	Up to 600 feet
Screw Feeder Precision	Better than 2% full scale
Screw Feeder Throughput	Min 0,04 - 1,2 kg/hour (1/2") Max 14 - 420 kg/hour (3")
Flexhuri Capacity	Up to kg/hour
Pumping Capacity	Up to 25 feet head loss
Water Requirements	140 liters/minute
Compressed Air Requirements	5 SCFM @ 65 psig



HLS Model with Filter Receiver



HLS Model with Bypass Valve

HLS Model with Filter Receiver	Dimensions	
	A	B
HLS 1,5	131	32
HLS 2,0	131	32
HLS 2,5	144	32
HLS 3,0	158	32

HLS Model with Bypass Valve	Dimensions	
	A	B
HLS 1,5	100	32
HLS 2,0	100	32
HLS 2,5	114	32
HLS 3,0	128	36

	FLOW RATE		RECEIVER		AUTONOMY
	Conveying (kg/hour)	Max Dosing (kg/hour)	Model	Volume (cu. ft.)	Between Cycle Time (Minutes)
HLS 1,5	300	45	RC 1,5	3	45
HLS 2,0	600	129	RC 2,0	5	26
HLS 2,5	1200	270	RC 2,5	5	13
HLS 3,0	1800	420	RC 3,0	10	16