



ABRASIVE DELIVERY SYSTEMS

Jet Edge offers two Abrasive Delivery Systems: the Solid Phase Abrasive Delivery System and the Fluidized Abrasive Delivery System. Using compressed air, each system creates an even distribution of abrasive flow that is essential to achieve reliable cutting results. The Solid Phase Abrasive Delivery System is used in most factory settings and employs a secondary metering system. Fluidized abrasive delivery is used when a secondary metering hopper is not practical, often in mobile cutting systems.



Solid Phase Delivery

For solid phase delivery, a pressurized hopper is used to force a solid stream of abrasive to a single cutting head or to multiple cutting heads. Each cutting head can be individually controlled to achieve its predetermined abrasive flow rate through the use of a secondary metering hopper. The secondary hopper has a pneumatically actuated slide gate that provides accurate metering and reliable on/off control of the abrasive. The metering system in the mini hopper consists of a dial wheel (four wheels available) with various holes that can easily be changed to achieve the desired flow rate of abrasive to the cutting head.

Options

Manual controls or advanced controls
large capacity mini hopper

Fluidized Abrasive Delivery

Compressed air fluidizes and transports abrasive from a hopper to a single cutting head. Accurate metering and reliable on/off control of the abrasive is accomplished with a pneumatically actuated slide gate. An adjustment knob controls the slide gate opening for precise abrasive flow rates, and the indicating dial provides an accurate reference mark for the position of the slide gate.

Options

Available in manual control or remote control
Abrasive delivery amplifier to extend abrasive feed tubing over 40 ft.



Abrasive Delivery Hoppers

Model/Capacity Lbs	Fluidized 400	Solid Phase 400	Solid Phase 800	Solid Phase 2500	Solid Phase 4200	Solid Phase 6000	Secondary Hopper
Capacity Cu./ft.	3.5	3/5	6.5	20	35	50	0.03
Height	43 in	42 in	48 in	60 in	85 in	86 in	10 in
Depth	36 in	24 in	34 in	46 in	46 in	62 in	3.5 in
Width	25 in	24 in	30 in	36 in	38 in	49 in	6 in
Weight Empty Lbs	N/A	235	340	785	1020	1100	4.25
Delivery Rate	0.25-3 lbs/min	0/25-30+ lbs/min (supplies abrasive to up to 4 secondary hoppers)					0.25-1.8 lbs/min



Specifications subject to change.

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