



Integrating plastic technologies
since 1965

LOADERS

Vectra Series



FIVE DECADES OF EXPERIENCE GOES INTO EACH VECTRA LOADER AND SYSTEM

Our experience in the design, manufacturing and installation of conveying systems and hopper loaders for plastics processors is your assurance that you will be selecting the most reliable method to save time and material, while reducing costs.

We know what it takes to automatically move pellets, powders, regrinds and granulars from bulk railcars or shipping containers to storage silos and bins, then into processing hoppers.

We are committed to new technologies, we keep our designs simple and our equipment competitively priced; new ideas are not practical if processors can not afford to add them to their processing lines.

A major advantage of a Hamilton loader or loading system is the option to customize controls and control components to meet specific processor requirements. Our engineering and electronics departments are dedicated to providing exactly what our customers want, at a competitive price.

Positive sealing vacuum valve

Standard on every Vectra system loader. Tee valves are available as an option.

Variety of inlet options

Every Vectra loader can be suited with a variety of inlet sizes and material control valves.



Proximity switch

Provides maintenance free operation.

Pressure regulator filter

Stainless steel pellet filter

Universal orientation

Easy flow cone

Steep, 65° cone to optimize discharge of hard flowing materials

No hang up free-flow seal

Positive sealing 6" discharge valve

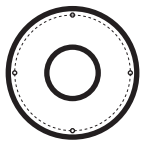
Ensures that even the most difficult materials can be discharged evenly without hang up.



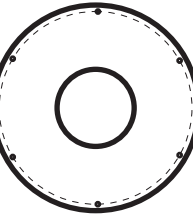
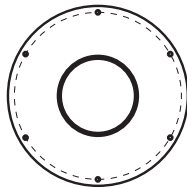
SPECIFICATIONS:

Loader Diameter	A cu.ft./(litres)	B - Integral inch/(cm)	B - Central inch/(cm)	C inch/(cm)	D inch/(cm)	Max Pump HP	Max Line Size inch/(cm)
8"	0.25 (7)	16 (40.6)	17.75 (45.1)	5.0 (12.7)	10 (25.4)	7.5	1.75 (4.4)
12"	0.25 (7)	17 (43.2)	5.25 (13.3)	5.25 (13.3)	14 (35.6)	15	3 (7.6)
	0.5 (14)	23 (58.4)	22 (55.9)	5.25 (13.3)	14 (35.6)	15	3 (7.6)
	1.0 (28)		29 (73.7)	5.25 (13.3)	14 (35.6)	15	3 (7.6)
	1.5 (42)		37 (94)	5.25 (13.3)	14 (35.6)	15	3 (7.6)
15"	1.0 (28)	28 (71.1)	27 (68.6)	5.25 (13.3)	14 (35.6)	25	4 (10.2)
	1.5 (42)		32 (81.3)	5.25 (13.3)	14 (35.6)	25	4 (10.2)
	2.0 (56)		37 (94)	5.25 (13.3)	14 (35.6)	25	4 (10.2)
20"	3.0 (85)		42 (106.7)	5.25 (13.3)	16 (40.6)	25	4 (10.2)
	5.0 (141)		51 (129.5)	5.25 (13.3)	16 (40.6)	25	4 (10.2)
	7.0 (198)		60 (152.4)	5.25 (13.3)	16 (40.6)	25	4 (10.2)

8" Dia. Loader



12/15" Dia. Loader

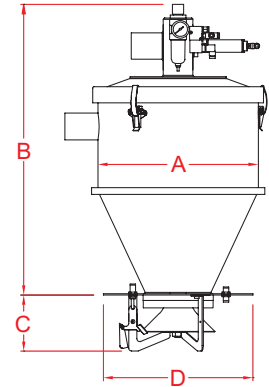


20" Dia. Loader

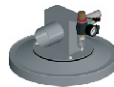
Flange Dia. 10"
4 Holes 5/16 on 9"BCD

Flange Dia. 14"
6 Holes 5/16 on 13"BCD

Flange Dia. 16"
6 Holes 5/16 on 15"BCD



Lid with T-Valve



Lid-Central System



Lid-Integral



Single Inlet



Ratio Inlet



Common Material Inlet



Tangential Inlet



Lower Section