



# HOPPER CONES

MERIDIAN, SUPERIOR, GSI, WESTEEL & TWISTER  
18' 21' 24' 27'

# Engineered using finite element analysis (FEA) to ensure reliability and durability.



**AERATION  
FAN MOUNT**



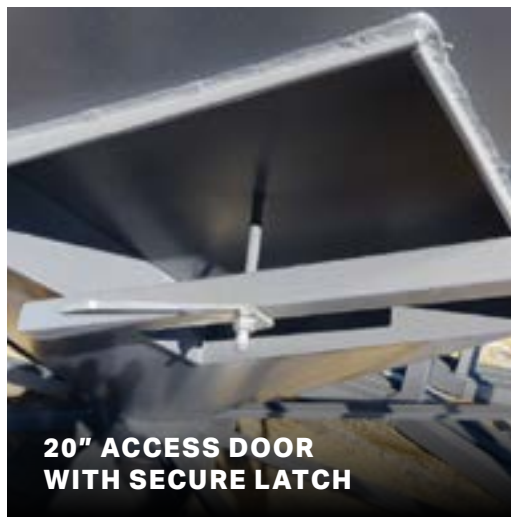
**PERFORATED TUBE  
AERATION  
MOUNT RAILS**



**SKID TO LEG WELDED  
CONNECTION**



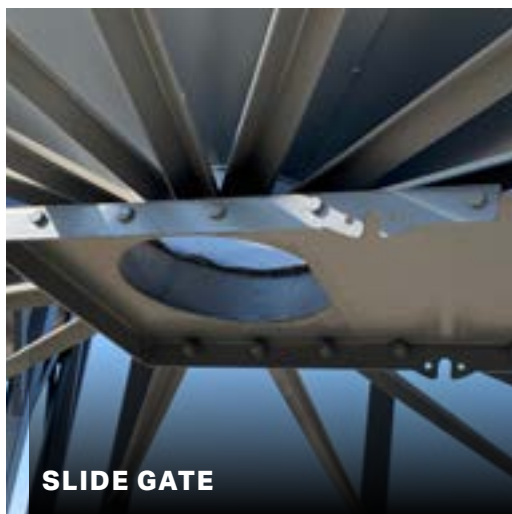
**HEAVY DOUBLE RING  
AND ANGLE BRACE  
CONSTRUCTION**



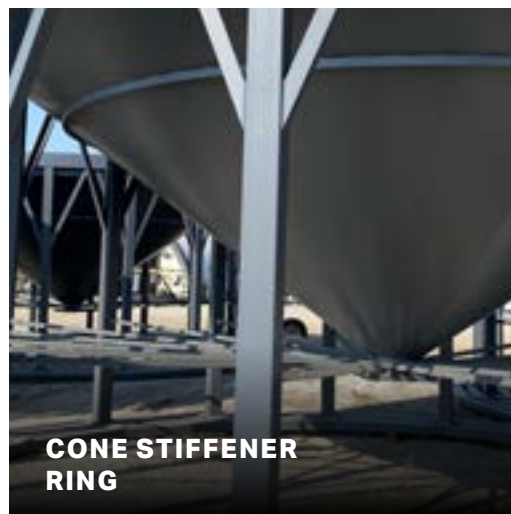
**20" ACCESS DOOR  
WITH SECURE LATCH**



**RACK AND PINION  
GATE**



**SLIDE GATE**



**CONE STIFFENER  
RING**

# VALE INDUSTRIES HOPPER CONES

## FEATURES

- Engineered to ensure reliability and durability
- Warranty: 12-year structural, 2-year paint
- Durable, grey enamel paint both inside and outside
- 20" access door
- Fully interchangeable lever action slide, or rack and pinion gates available
- 13 ¾" discharge opening provides adequate flow to all auger sizes
- Adequate spout to ground clearance for augers, conveyors, and underbin conveyor systems
- 35° to 37° cone slope and internal paint provide superior flow and eliminate material hang up
- Aeration
  - Perforated Tube aeration available for all models except the 24-7 and 27' diameter cones. This does not include the perforated tube
  - Inverted "U" aeration available on all Vale cones
  - Fan mounts to accommodate 24" fans on 18' – 24' cones, and 28" fans on 27' cones
- All cones are available with or without a skid
- All skids are designed to support a fully loaded bin on a foundation adhering to the Engineered foundation preparation instructions provided with each cone, on the valeindustries.ca website, or from any Vale dealer
- Safety decals and serial plate with capacity

Cone Model	Maximum Number of Rings Above Cone	Weight (lbs)	Height	Cone Capacity (bushels)	Maximum Bin Capacity (bushels)	Total Maximum Capacity (bushels)	Legs (Number & HSS Size)	Ground Clearance	Overall Width	Skid (Number & HSS Size)
<b>18-5</b>	5	3671	8'10"	470	4290	4760	9-6"x4"	26 ½"	18'3"	Double-6"x4"
<b>18-5IU</b>		4115								
<b>18-5PT</b>		3929								
<b>18-6</b>	6	4255	9'6"	510	5080	5590	9-6"x4"	28 ¼"	19'2"	Triple-6"x4"
<b>18-6IU</b>		4703								
<b>18-6PT</b>		4524								
<b>21-6</b>	6	6300	10'8"	796	6980	7776	11-6"x4"	28"	21'11"	Triple-6"x4"
<b>21-6IU</b>		6806								
<b>21-6PT</b>		6603								
<b>24-6</b>	6	9133	11'5"	1133	9220	10353	15-6"x4"	26 ½"	25'1"	Triple-6"x4"
<b>24-6IU</b>		9922								
<b>24-6PT</b>		9509								
<b>24-6NB</b>		7133								
<b>24-7</b>	7	10170	11'5"	1133	10610	11743	16-6"x4"	26 ½"	25'	Quad-6"x4"
<b>24-7IU</b>		10971							24'4"	
<b>24-7NB</b>		7468								
<b>24-8</b>	8	10812	11'5"	1133	12000	13113	16-6"x4"	26 ½"	25'	Quad-6"x4"
<b>24-8IU</b>		11614							23'10"	
<b>24-8NB</b>		8131								
<b>27-8</b>	8	14386	12'7"	1668	15320	16988	18-6"x6"	34"	28'10"	Quad-6"x4"
<b>27-8IU</b>		15412								
<b>27-8NB</b>		10589	12'3"					29 ½"	26'11"	

**24-09, 24-10, 27-09 & 27-10:** Specification available upon request

IU - Inverted U Aeration • PT - Mount Rails for perforated tube aeration • NB - No Base. Weights and capacities are approximate.