

VALE

**CUSTOM PORTABLE PLANTS
BUILT TO OPERATE IN THE
TOUGHEST CONDITIONS**



**BUILT WITH A HIGH STANDARD OF
QUALITY, INTEGRITY, AND SAFETY**

EXPECT THE BEST IN CUSTOMER SERVICE AND CUSTOMIZATION



TABLE OF CONTENTS

02 About Vale

03 Jaw Plants

06 Cone Plants

09 Screen Plants

12 VSI Plants

15 Rip Rap Plants

18 Contact Us





EXPECT THE BEST IN CUSTOMER SERVICE AND CUSTOMIZATION

DESIGNED + BUILT TO THE LIMIT!

The most comprehensive Portable Plants to fit your transport constraints, and still deliver your crushing, screening, and conveying needs. Vale Plants are purpose-built heavy structural chassis that last.

Vale Portable Plants are set up for processing equipment from all major manufacturers including Astec, Superior, Terex, Metso, Lippman, ISC, Sandvik, EIW. All Vale Plants are built with premium conveyor components from PPI, Luff, Superior, and Martin; drive components from Dodge and WEG.

DESIGN



- ▶ Plant layouts and transfer points to maximize run-time.
- ▶ Customer integration - your involvement delivers what you want.
- ▶ Complete the 3D model design process - see what you'll get before it's built.

ENGINEER



- ▶ Conveyor analysis performed for each specific application.
- ▶ Completely engineered equipment specific to each build.
- ▶ Conveyor design software utilized for all conveyor belts.

BUILD



- ▶ Built complete - full PDI and functionality tested.
- ▶ Built to your standards, achieving all the details.
- ▶ Built to your approval. Built to your satisfaction.

THE VALE ADVANTAGE

1

SAFETY + MAINTENANCE

Complete plant maintenance considerations that accommodate guarding packages in compliance with national, provincial, and state requirements.

2

QUALITY

Every Vale Plant is built with North American made premium components to perform for you in your toughest conditions.

3

TRANSPORTABILITY

Every Vale Plant is built to rapidly deploy from or mobilize to your jurisdictional transport requirements.



JAW PLANTS

JUST CRUSH IT

Vale Jaw Plants are designed and built for one specific purpose - "To Crush It."

From blast rock to sand and gravel - Vale Jaw Plants can be configured to specifically meet your applications. Built tough to keep up with everything you can throw at them.

Customize your wear liners in the heavy wear zones to what works for your application.



Daudet purchased a new Spread with a Primary Jaw from the Lonetrack/Vale team. We have been thrilled with the quality and performance of the plant and the Lonetrack/Vale team have attended to any issues we have had and quickly addressed our concerns satisfactorily. They always strived to make things right and they understand the importance of product support. We are happy to have partnered with the Lonetrack and Vale Team.



Steve Devost
Daudet Creek Contracting

JAW PLANTS | BENEFITS + FEATURES



**LARGE VOLUME
VGF HOPPERS**

Vale Plants include large VGF Hoppers sized to accommodate large capacity loader bucket feeds to **boost your outputs**.



SKID MOUNT VGF

Skid Lift cylinders make the jump from Chassis to Trailer a **safe and simple** process. Feeders may need to be removed to meet transport weights.



ADD GRIZZLY BARS

Include a Stationary or Tipping Grizzly to remove oversize material. Grizzly **removable for transport**.



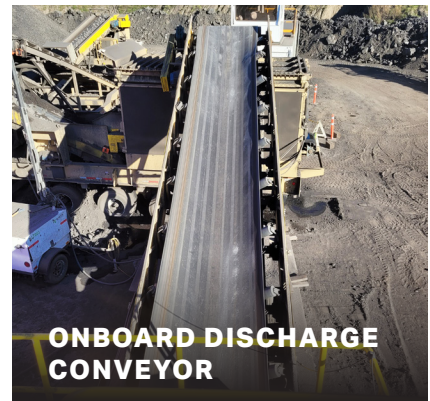
**MAINTENANCE AND
ACCESS PLATFORMS**

Large upper and lower Jaw platforms that provide **full maintenance access** around the Jaw itself and the Jaw drive components.



SCREEN FEED

Get the most out of your Jaw while **extending its life**. Configure with two or three Deck Scalp Screens.



**ONBOARD DISCHARGE
CONVEYOR**

Fold out or raise the discharge conveyor to **reach into screens or feeders** without the need for off-plant conveyors.



CROSS CONVEYORS

Utilize Cross Conveyors to remove bypass or sized products. Add blend chutes to add back to your downstream process. **Achieve your perfect blend**.

**Configure your Jaw Plant to
work in every application.
Guaranteed to last!**



Vale Portable Jaw Plants are built in two different configurations.

Screen Jaw Plants are conveyor fed, which consist of a scalp screen that feeds the oversized product into the Jaw and bypasses all the rest. Cross conveyor can be added to remove a level of fines out of the system. VGF Jaw Plants are loader fed, which deliver a continuous feed of product into the Jaw and undersized product pass through the Grizzly fingers.

Plants can be configured with long folding rear, or front discharge conveyors capable of reaching into the next process. Shorter discharge conveyors can feed into off plant conveyors. The VGF or Screen portion can be built into a skid with hydraulics to remove from the plant for transport.

CONFIGURATIONS + SIZES

Jaws	Astec, Terex, Superior, Sandvik
Jaw Sizes	20,000 lbs - 70,000 lbs
VGF Size	40"-60" x 16'-24' VGF's
Screen Size	5'-7' x 16'-20' Scalp Screens

**Contact us for alternative sizes or configurations to meet your needs*



CONE PLANTS

OPTIMIZE YOUR LAYOUT

Add efficiency to your spread with a Vale Cone Plant. With various onboard feed and discharge conveyor configurations, easily interface with your existing equipment.

All our Cone Plants are built universally to be configured as LH or RH plants - giving you the versatility you need to optimize each set-up. Vale Cone Plants are built tough and designed to last.



I spent some time looking at your new K400-RD Cone Plant. The attention to detail is great, even the small things are a huge improvement over others. There's more room to access the under-crusher hopper. Your ladder design is great, the treads are safer and the added handrail on the ladder feels so much more comfortable. Even where you located your toolbox makes it more accessible. You guys definitely take the time to look at it from the pit operators perspective and get the small things right.

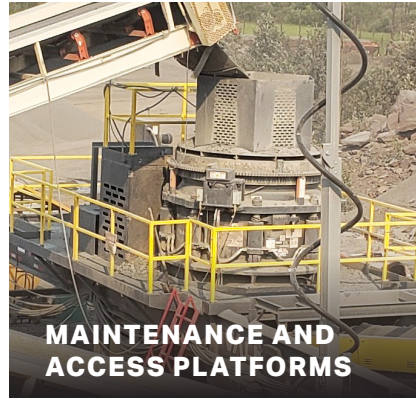


Jesse
Ulland Brothers

CONE PLANTS | BENEFITS + FEATURES



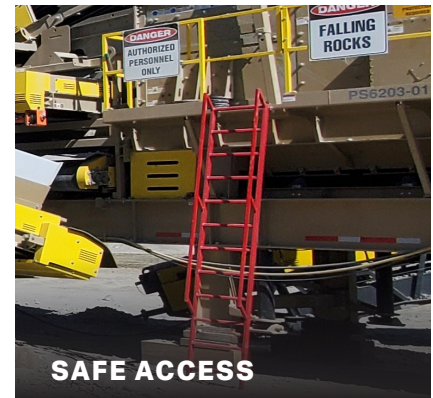
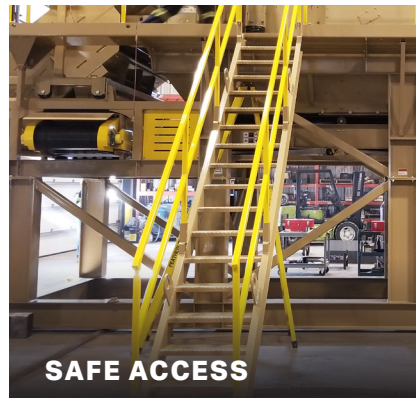
Configurable as Rear Feed/Rear Discharge or Rear Feed/Side Discharge, with **left or right-hand orientations**.



Full plant access with 360-degree platforms surrounding cone. **Cone viewing platform** and metal detector retrieval platform.



With full maintenance access, Cone Plants include industry-leading guarding, including a motor drive house to **protect your operators** from all hazards.



From ladders with handrails to aluminum or steel stair sets, select access that **suits your needs**.



Built for Wear: growser bar rockshelves and heavy AR liners **extend the life** of the hopper. Complete with large access doors.

Meet safety requirements and minimize down time with complete plant access for all your maintenance needs.



Vale Portable Cone Plants are built in two different configurations.

The In/Out configurations consist of both onboard in-feed and discharge conveyors. The In/Out Conveyors can be configured as: Rear Feed - Rear Discharge, Rear Feed - Front Discharge, and Rear Feed - Side Discharge. All In/Out configurations can be converted from left to right orientations on site. These are labeled as IOLR (In Out Left Right) Plants.

The Rear Discharge Conveyor configuration contains only a larger discharge. This is typically used with larger cones where transport weights become a restriction. These are called RD Plants.

CONFIGURATIONS + SIZES

Cones	Astec, Terex, Superior, Sandvik
Cone Sizes	200-500HP Cones
In/Out Conveyors (IOC)	36"-48" Conveyor Widths
Rear Discharge (RD)	42"-60" Conveyor Width

**Contact us for alternative sizes or configurations to meet your needs*



SCREEN PLANTS

MAXIMIZE YOUR PAY

Vale Screen Plants are built to endure your toughest screening application. Various cross conveyor configurations combined with blending chutes allow you to meet specifications without having to change or adjust your media. Replace the cross conveyors with a 9-way blending chute to really dial in your specifications.

All Screen Plants are set up to incorporate chutes and hoppers as steep as transport dimensional limits will allow to reduce build-up.



I purchased a custom Vale plant from my dealer 2022. My dealer allowed me to work with the Vale team directly to customize my plant prior to building it. They willingly incorporated all my changes. When the plant showed up I was impressed with the quality and the attention to detail.

Ed Sweetman

Sweetman Sand & Gravel

SCREEN PLANTS | **BENEFITS + FEATURES**



CROSS CONVEYORS



CROSS CONVEYORS

Fully enclosed cross conveyors to remove bypass or sized products while **keeping errant rocks out** of the belts.



RUN-ON LEGS

Simplify your set-up with the hydraulic run-on legs to **deploy and mobilize in a matter of minutes**.



TRANSFER POINTS

Designed to **reduce maintenance** and **prevent any leakage** at product transfer points.



ROLL-AWAY CHUTES

Simplify media changes and maintenance with the roll-away chute assembly, **giving you full access** to all screen decks from both ends.



9-WAY CHUTE

Blend the finished product into a series of **nine different configurations** to meet your specifications.



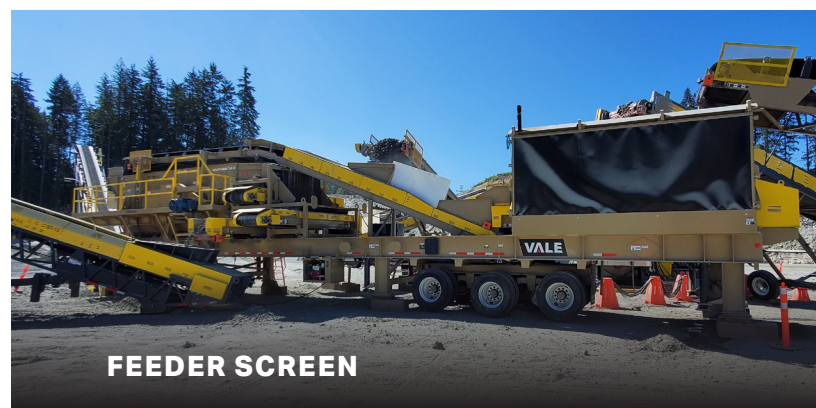
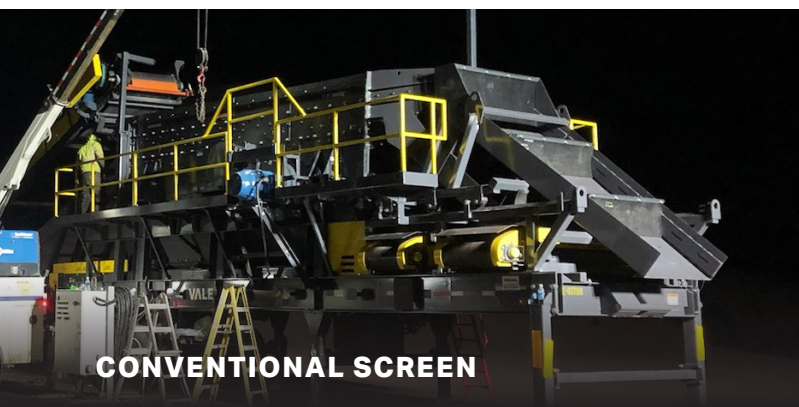
WRAP DRIVE

Plenty of power to load up the overhead feed belt to feed a larger screen and **increase your throughput**.



WIDE BELTS

Wider, slower belts last longer, **reducing maintenance costs** when dealing with Jaw run or abrasive materials.



Vale Portable Screen Plants are built in a variety of arrangements.

Feeder Screens (FS) are complete loader fed screening plants intended to provide the initial product sorting of a raw feed on a single chassis. Overhead Feed Plants (OHF) are the most universal Screen Plant intended to fit into any application with an on-plant screen feed conveyor. Conventional Screen Plants (SP) are a basic and universal Screen Plant that can fit into any process and sized product with a very small footprint. Twin Screen Plants (TSP) are meant to double up the capacity and combine or separate two different streams of products. The rear screen can be built into a skid with hydraulics to remove from the plant for transport as necessary.

CONFIGURATIONS + SIZES

Screens	Astec, Terex, Superior, Sandvik
Screen Sizes	5x12 - 8x24ft Horizontal or Inclined
Conventional Screen (SP)	# of Cross Conveyors = 0,1,2,3 - 24"-36"
Overhead Feed (OHF)	# of Cross Conveyors = 1,2,3 - 24"-36"
Twin Screens (TSP)	# of Cross Conveyors = 2,3,4,5,6 - 24"-60"
Feeder Screen (FS)	# of Cross Conveyors = 1,2,3 - 24"-36"

**Contact us for alternative sizes or configurations to meet your needs*



VSI PLANTS

REDUCE YOUR COSTS

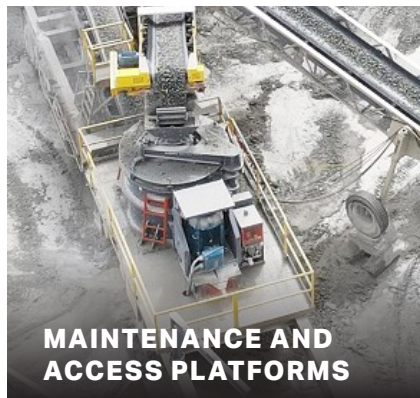
Add efficiency to your specified product by interfacing a Vale VSI Plant to the final stages of your processing setup. Incorporate on or off plant feed or discharge conveyors that transfer material within your operation.

We understand all the maintenance costs are in the VSI and should not be in the chassis, so all our VSI Plants are built as simply as possible to operate and meet transport regulations.

VSI PLANTS | **BENEFITS + FEATURES**



Configurable as Rear Feed/Rear Discharge or Rear Feed/Side Discharge, with **left or right-hand orientations**.



Full plant access with 360-degree platforms surrounding the impactor. Safe tread ladder with handrails.

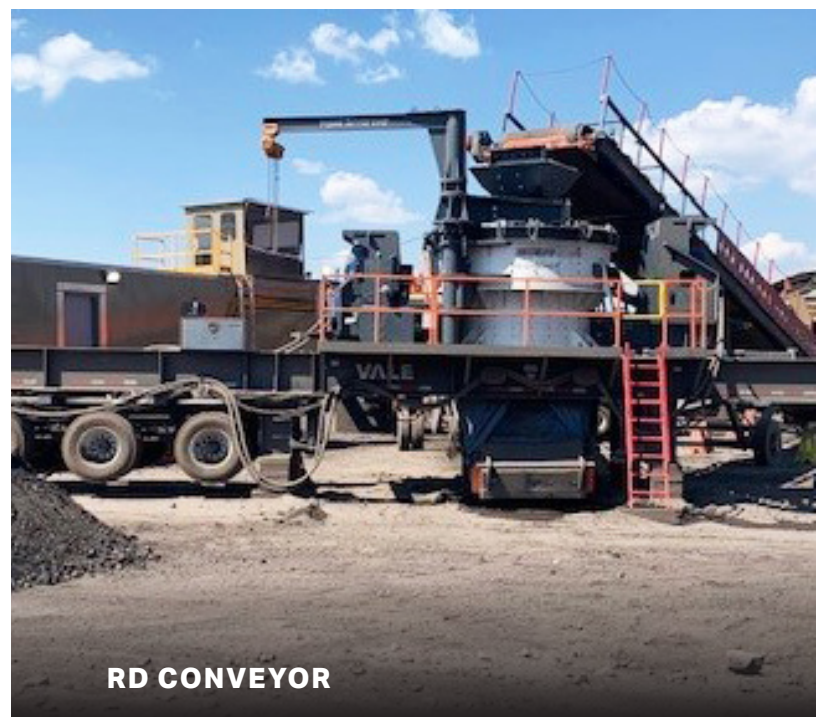


Every product is unique - **adjust your product feed trajectory** by easily adjusting your conveyor head pulley position.



Built for Wear: growser bar rockshelves and heavy AR liners **extend the life** of the hopper. Complete with large access doors.

Save time! Roll in, set up quickly, make your specifications, and move on to the next job.



Vale Portable VSI Plants are built in two different configurations.

The In/Out configurations consist of both onboard in-feed and discharge conveyors. The In/Out Conveyors can be configured as: Rear Feed - Rear Discharge, Rear Feed - Front Discharge, and Rear Feed - Side Discharge. All In/Out configurations can be converted from left to right orientations on site. These are labeled as IOLR (In Out Left Right) Plants.

The Rear Discharge Conveyor configuration contains only a larger discharge. This is typically used with larger VSI Plants where transport weights become a restriction. These are labeled as RD plants.

CONFIGURATIONS + SIZES

VSI	Astec, Terex, Superior, ISC
VSI Sizes	200-800HP Vertical Shaft Impactors
In/Out Conveyors (IOC)	36"-48" Conveyor Widths
RD Conveyor	42"-60" Conveyor Width

**Contact us for alternative sizes or configurations to meet your needs*



RIP RAP PLANTS

RECLAIM YOUR VALUE

A Vale built Rip Rap Plant can be used to reclaim your oversized rocks and turn them into revenue.

Having problems with large rocks making their way to your downstream equipment - add a Rip Rap Plant to help scalp them out and save your equipment from the abuse. Our Rip Rap Plant is intended to deal with 24" minus material.

Set this up with a pair of Vale 4865T Rip Rap Conveyors and build a stockpile that pays.

RIP RAP PLANTS | **BENEFITS + FEATURES**



Our plants include large VGF Hoppers sized to accommodate large capacity loader bucket feeds to **boost your outputs.**



Include a Tipping Grizzly to remove oversize material. Grizzly **removable for transport.**

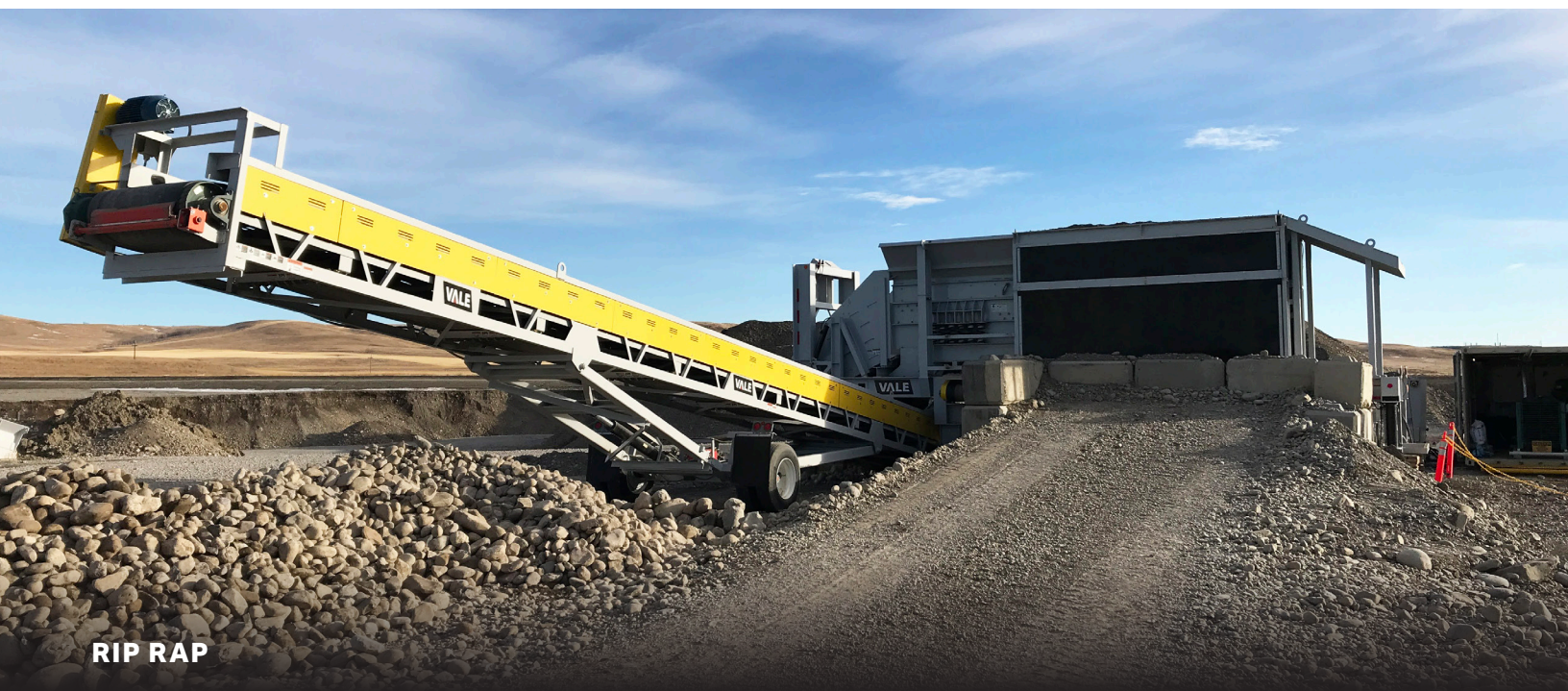


Include a Stationary to **remove oversize material.** Grizzly removable for transport.



Utilize Cross Conveyors to **remove bypass or sized products.** Add blend chutes to add back to your downstream process.

Remove large material with ease.



Vale Rip Rap Plants are built with up to 1" thick hopper walls and heavy 3/4" thick chutes to take the abuse. Designed and built with up to a two-stage VGF to most efficiently manage your downstream feeds.

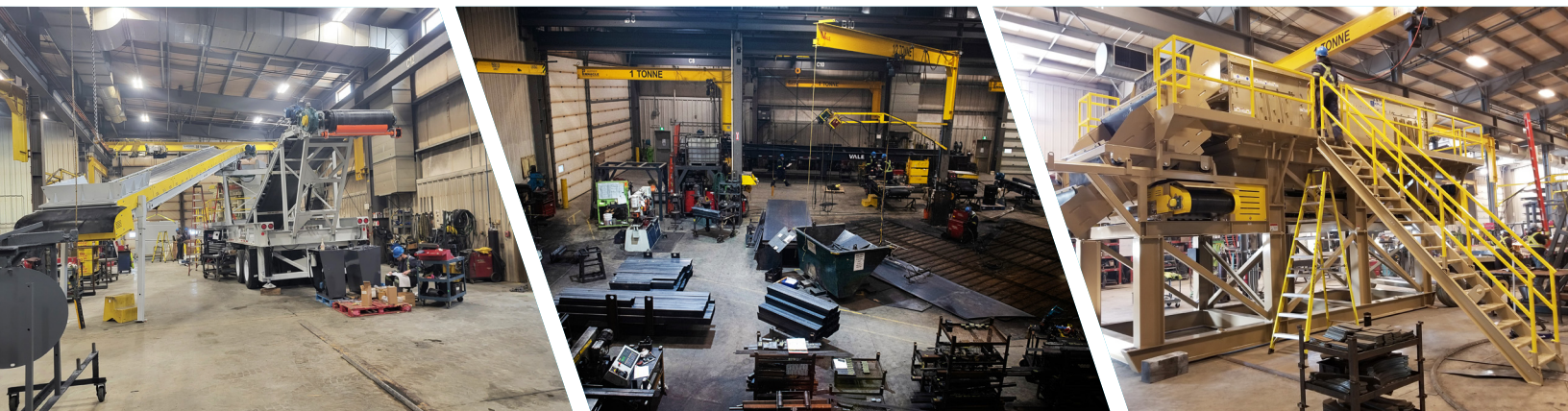
A 42" cross folding Cross Conveyor with a dual impact bed will handle your 6" minus undersized product efficiently. Feed into the large volume hopper with any size loader. Add a Tipping Grizzly to clear any rocks 24" or larger from your feed. Large oversized product exit through discharge chutes.

CONFIGURATIONS + SIZES	
VGF	Astec, Terex, Superior, Lippman, Sandvik
VGF Sizes	40"-60" x 16'-24' VGF's
Grizzly	1 Stage or 2 Stage
Cross Conveyor	# of Cross Conveyors = 1 - 42"

**Contact us for alternative sizes or configurations to meet your needs*



CUSTOM PORTABLE PLANTS BUILT TO OPERATE IN THE TOUGHEST CONDITIONS



All Vale Plants are built with premium conveyor components from PPI, Luff, Superior and Martin; drive components from Dodge and WEG; or customize to your preference.

Custom paint colours available.

- Designed specifically for each unique stone, sand, and gravel application.
- Work with our design team and view your custom plant before it's built.
- Build what you need.

GET STARTED BUILDING YOUR PLANT



**FIND A DEALER
TODAY!**

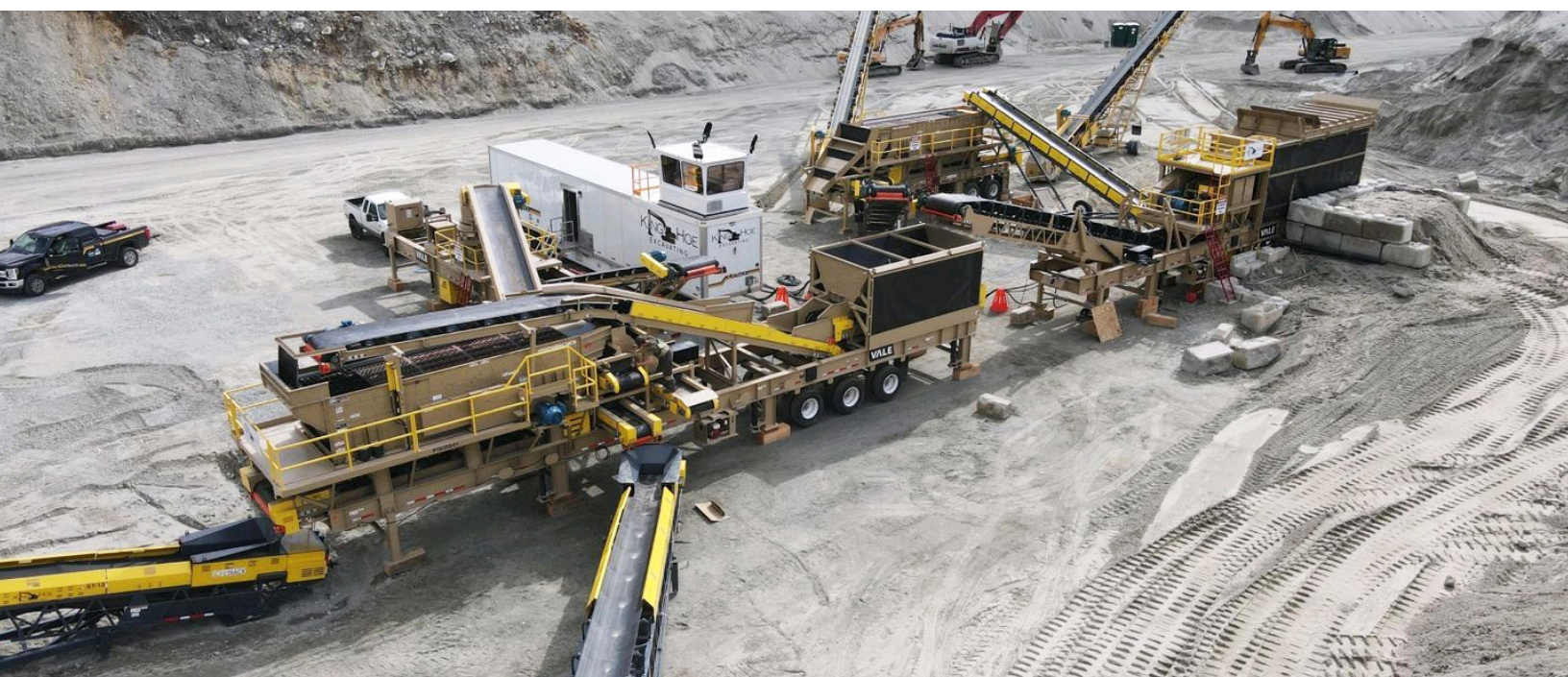
**HAVE QUESTIONS?
CONTACT US!**

 1 (306) 695-2460

 info@valeindustries.ca

VALE

**CUSTOM PORTABLE PLANTS
BUILT TO OPERATE IN THE
TOUGHEST CONDITIONS**



ROCK-SOLID SYSTEMS AND CUSTOM EQUIPMENT

