

Packed with performance webinar

27 August, 2020

How to avoid common pitfalls in your new stationary plant or upgrade project



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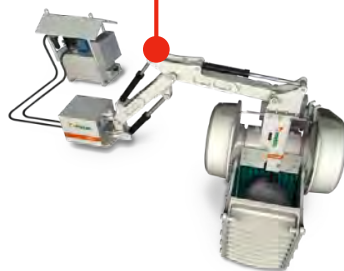
MD Martin Rapp (NorskStein)
**“Anyone can sell a
crusher. Show us a
solution and we
buy it.”**



Jaw crushers



Rock breakers



Impactor crushers



Cone crushers



HRC crushers



Screens



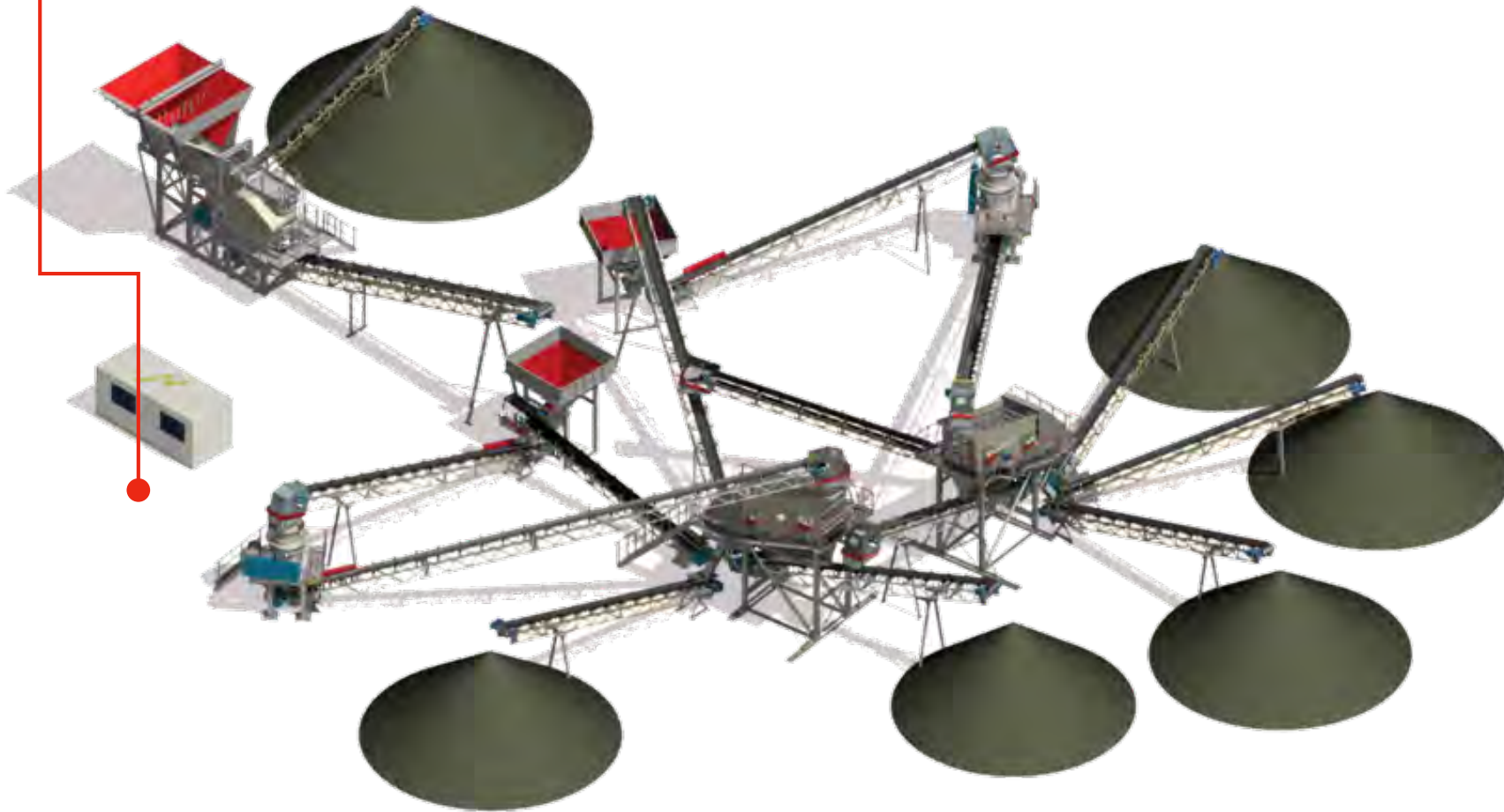
Trackmounted mobile plants



Wheelmounted mobile plants



Stationary plants



Product ingredients - Your journey to success



Understand the need through the RFQ, meetings, dialogue, communication

Provide **Plant simulation** (Bruno software/ my plant planner, visit existing plants)

Design site drawing, top view side view , interfaces with roads, stockpiles, buildings, factories

Develop **quotation and planning**, based on scope of supply, procurement strategy, local interfaces, legal aspects, ...

Execution, PM, Logistics, Quality, Training, Site services, assembly, commissioning



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Metso offers complete stationary plants and optimization solutions

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SiteBooster™
Plant optimization



PrimeSite™
Tailored solutions

← Crushing & screening →



PrimeSite Tailor made solution

- Complete stationary solution
- Combination of products
- Coordination of products and services
- Full plant performance guarantee

Full solution approach beyond equipment

Delivering performance to our customers through solutions

From basic engineering to complete solution



Depending on your needs, Metso can stand with you throughout the entire journey, planning the process and delivering the equipment, or to make sure even a single section is a thought-out, efficient addition to your plant.

Proven process expertise

Worldwide activities with the capacity to fit to local standards

Onsite activities management with highly trained and qualified specialists

High quality predefined solutions & equipment

Global supply chain network & project management expertise

Our in-house specialists in mechanics, calculation, electrical & automation



SiteBooster Plant Optimization

Release the bottlenecks for better value

Your target for optimization could be:



Replace obsolete machines



Changes in material or end product



Better productivity with automation



Reduce consumption




Need for more capacity



Produce better quality



New regulations or standards (safety or environment)



Reduce downtime

Product ingredients

3 steps to power up



Step 1

Audit

- Complete audit of the existing site, layout and assets
- Identifying bottlenecks
- Definition of what needs to be done



Step 2

Redesign

- Concrete solutions and processes for achieving goals with minimum downtime



Step 3

Implement

- Metso's expertise and experience at its best-implementation of the new design with minimal disruption in operations

One point of contact / Continuous and transparent communications

Case 1



Challenge

Replacement of an outdated existing crushing station to increase capacity

Metso solution

Supply of a new MX4 cone crusher with new environment fitted into an existing plant

Result

Better capacity and easier maintenance access



Case 2



Challenge	Metso solution	Result
<ul style="list-style-type: none">• Minimize the downtime of production• Increase full line capacity• Ease maintenance and safety• Deliverance of CE certificate for the full new line (electricity and mechanical)	<ul style="list-style-type: none">• Supply of new material integrated into existing site: new CVB wet screening complete station integrated; 7 new conveyors; refurbishment of an existing crushing station (reusing customer vertical axis crusher); reusing existing sand treatment station• Mounting the new line in parallel with the existing line in order to minimize downtime: old line was still producing till almost the last days of erection, then the main feed was connected to the new line	<ul style="list-style-type: none">• Better capacity• Easier access and maintenance• Compliance with local regulations



Case 3



Challenge	Metso solution	Result
Increase capacity	Supply of a new HP100 cone crusher with a new environment (structures and chutes) fitted into an existing plant + replacement of existing conveyor and adding a new hoist to ease maintenance	Better capacity and easier maintenance access



Wherever you go Metso Outotec will provide a personalized solution



Partner for positive change

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