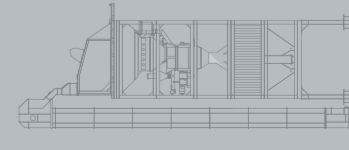
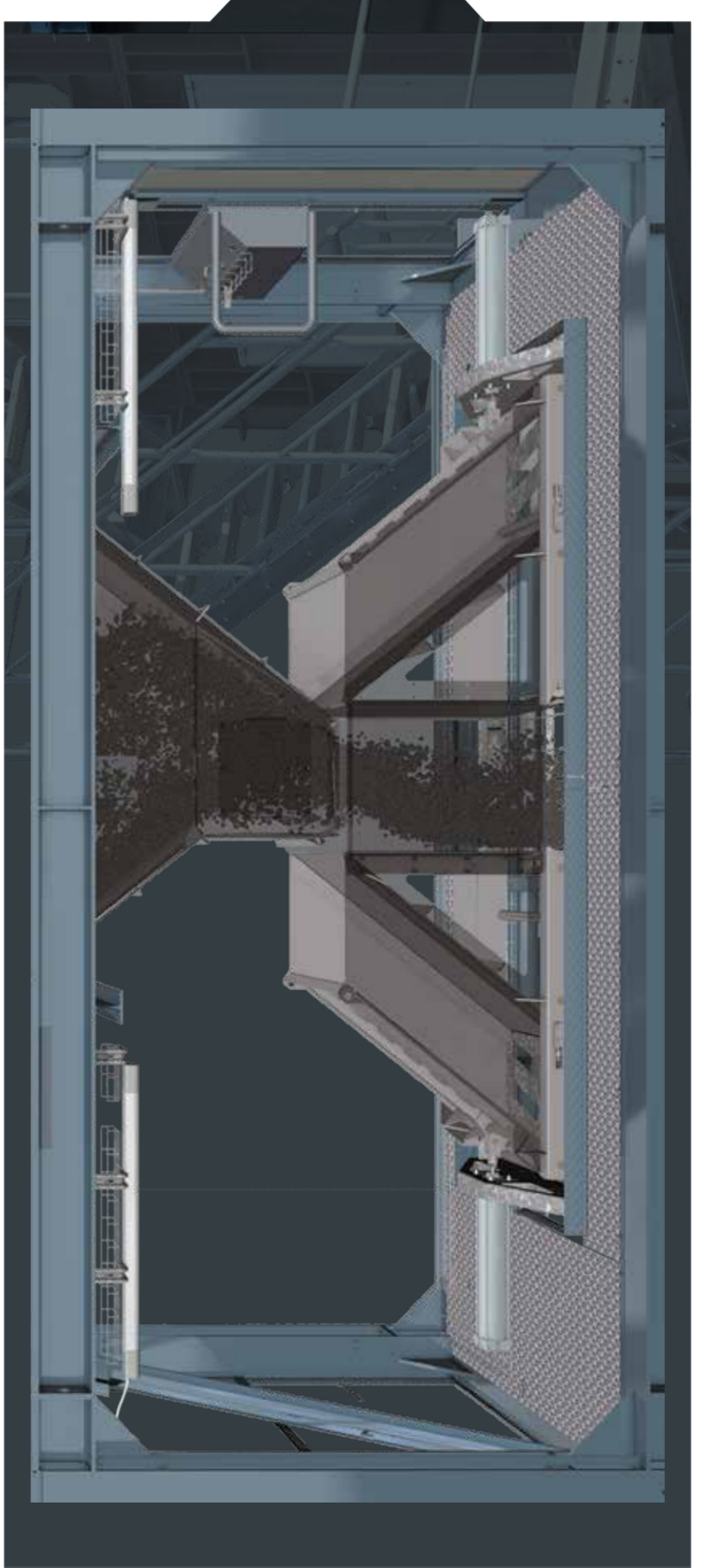
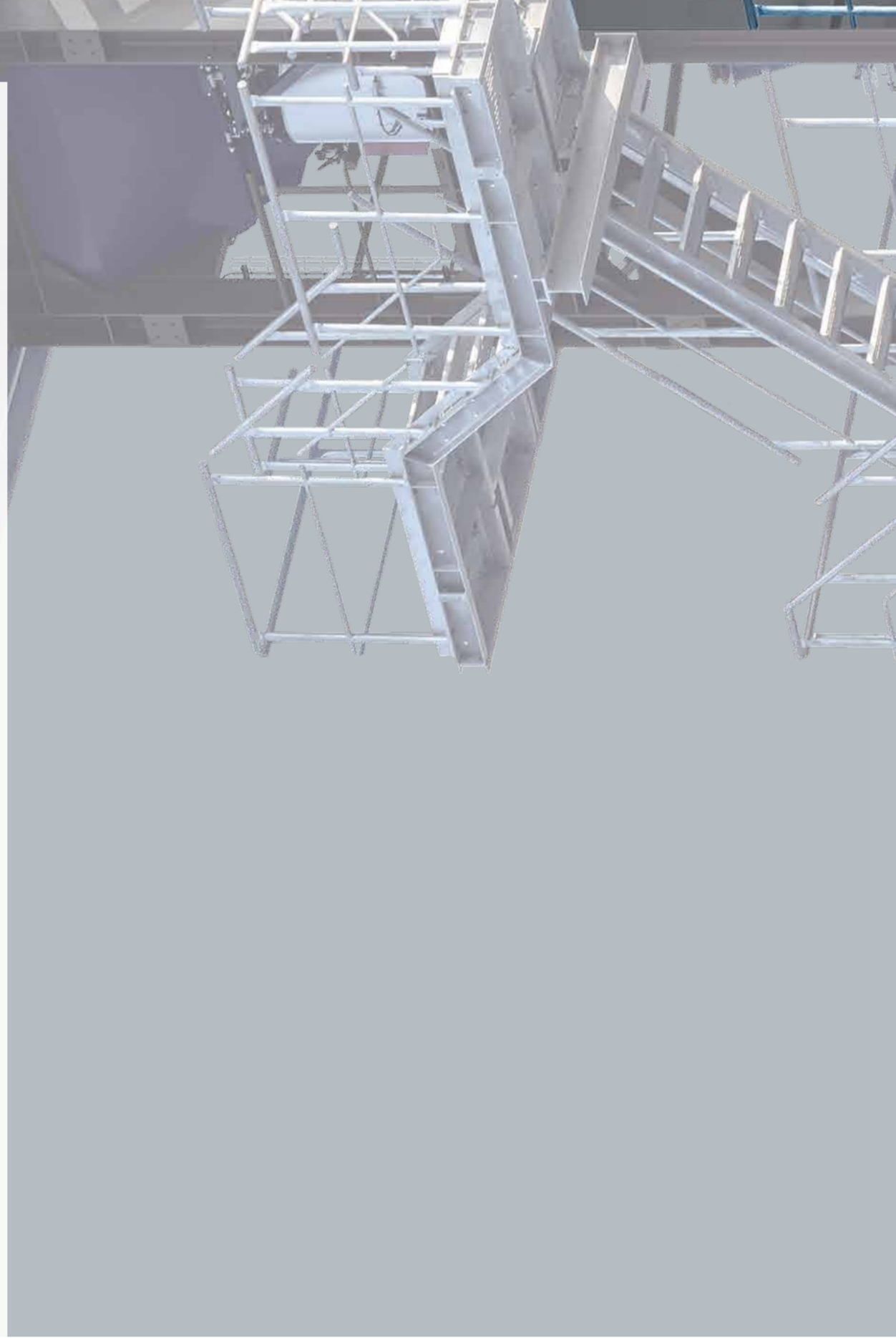


Smart technology for worldwide functional reliability.

THE NEW DIVERTER CHUTE UNIT FROM BENNINGHOVEN.



 ISO CONTAINER SYSTEM

 PLUG & WORK

 HIGHTECH SYSTEM POWER



the new
Diverter chute unit

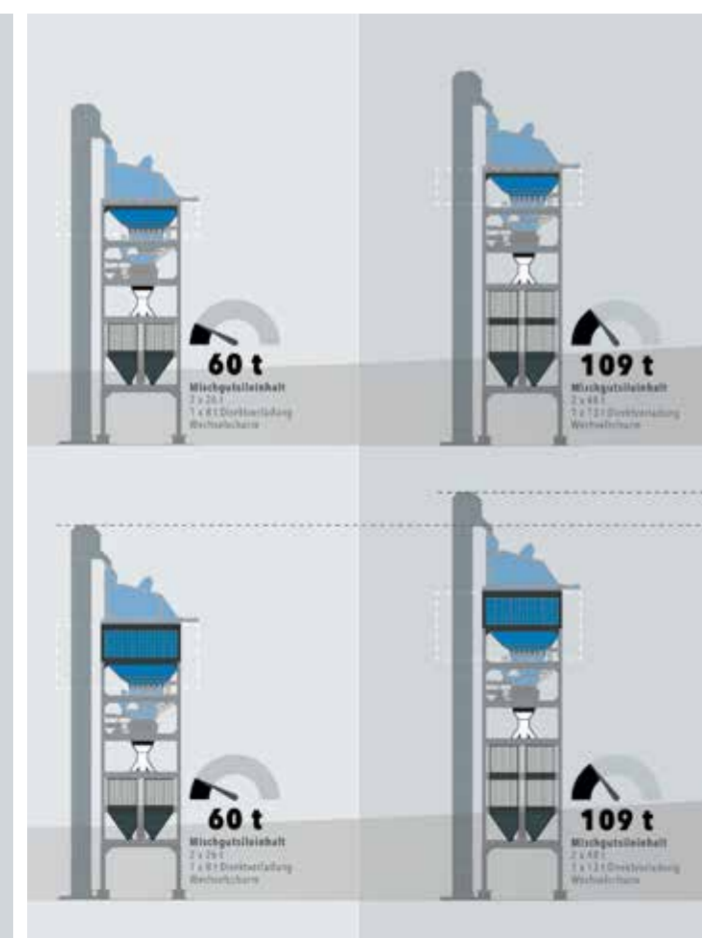
Smart technology for worldwide functional reliability.

THE NEW DIVERTER CHUTE UNIT FROM BENNINGHOVEN.

8. Safety without compromises.

Maximum process and functional reliability

6. Cost-effective alternative to the skip track in the main tower.

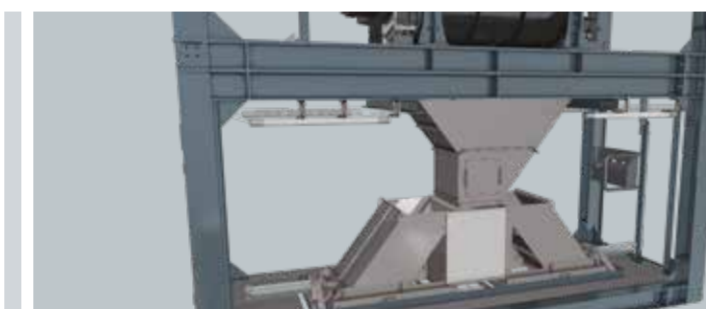


7. Purely mechanical structure resistant to malfunctions.

(No heating, no sensor system, no motors, no cable carrier, etc.)

8. Worldwide functional reliability.

This new, smart design guarantees worldwide functional reliability

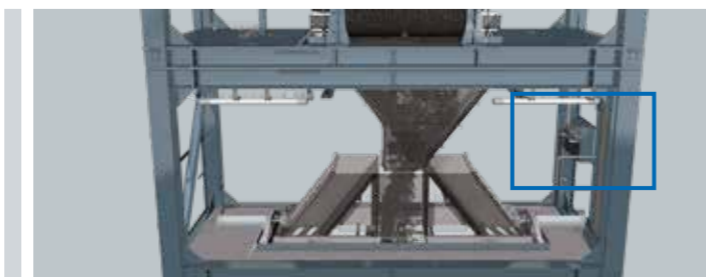


9. Very service-friendly.

Few tools, good accessibility, safety (easily visible here - safety guards/access safety over mixed material storage silo)



10. Central, protected and ergonomic location of control and operating elements.



Perfectly simple.

Rectangular and convenient

Asphalt transfer within the mixing plant via diverter chute - the BENNINGHOVEN diverter chute unit is the link between mixer and mixed material storage silo/ direct loading.

1. Optimised for transport.

The diverter chute unit is installed in a steel container designed with standard container dimensions to ensure optimised transport.

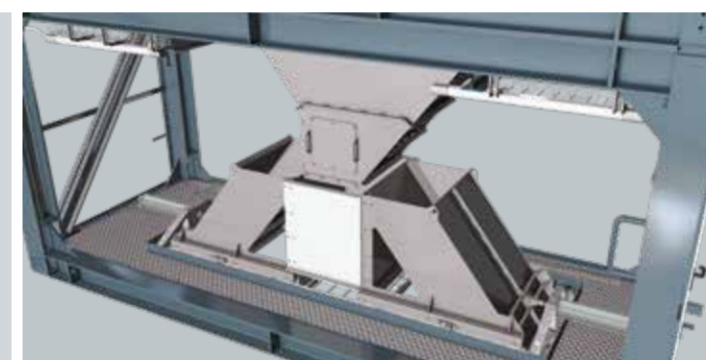
This allows effective and cost-efficient transport via road, sea or rail.

2. Robust and durable.

The unit is clad with profiled sheeting on the outside for weather protection

3. Individual colours.

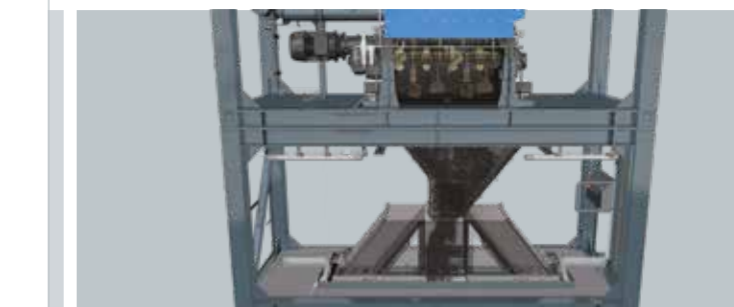
Colour concept A, B, C, D - from standard to individual.



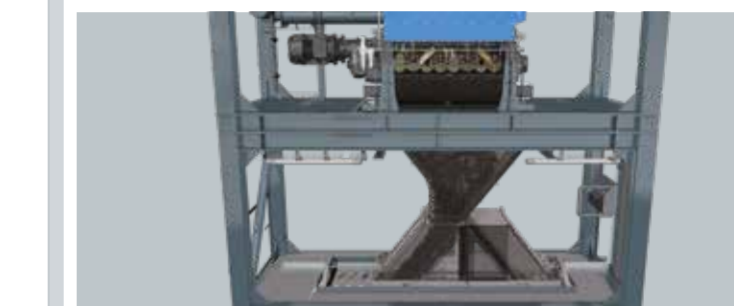
Clever concept.

Forced ease of operation

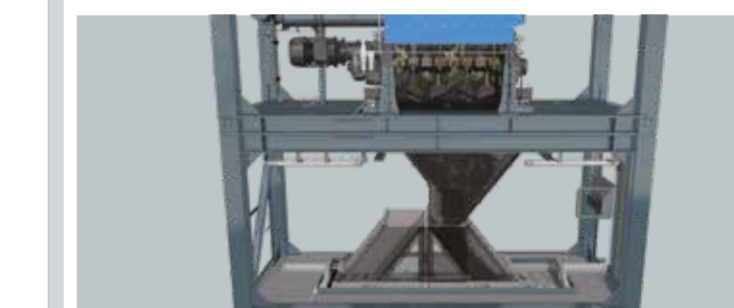
4. Function principle of the patent-pending new development.



1 DIRECT LOADING



2 FILLING OF LEFT SILO CHAMBER

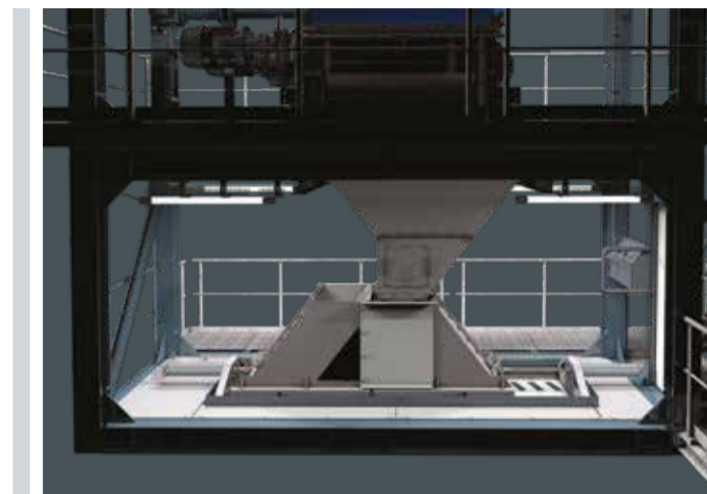


3 FILLING OF RIGHT SILO CHAMBER



5. Very good accessibility to all areas.

- > Surrounding access/work platform width of 800 mm
- > Optimum illumination of the work and maintenance areas through LED technology



The focus was on ease of operation, i.e. unlimited access to all units installed in the section is ensured at all times.

11. Key transfer system for increased safety.

This unit with interlocking is a key-operated, mechanical system.

It is based on the premise that a key cannot be in two places at the same time - it can, for example, be inserted in a switch OR used for opening a lock.

Another important safety feature is that the key can only be removed in a safe state with no hazards - a switch is switched off, a lock is closed and locked.

- > Safety concept with very intuitive operation
- > Purely mechanical interlocking device - robust and not prone to malfunctions
- > Manipulation potential is reduced to a minimum

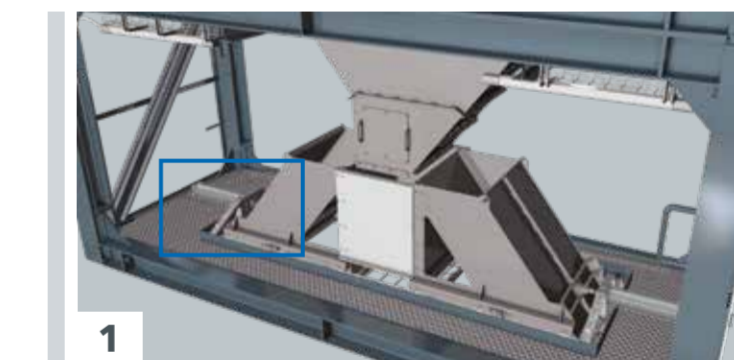


12. Energy efficient.

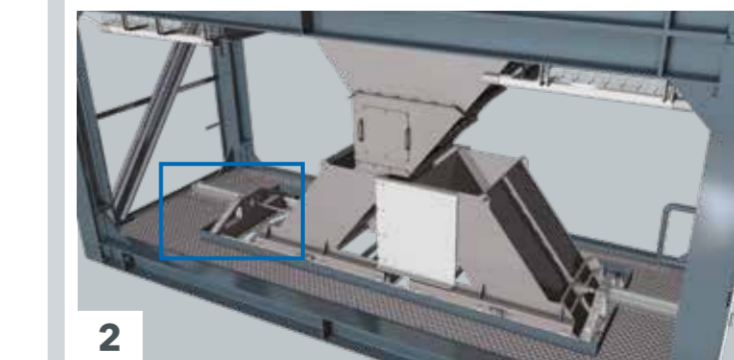
(No heating, no motors, fewer pneumatic cylinders)

13. Quick, strain-free positioning for silo selection.

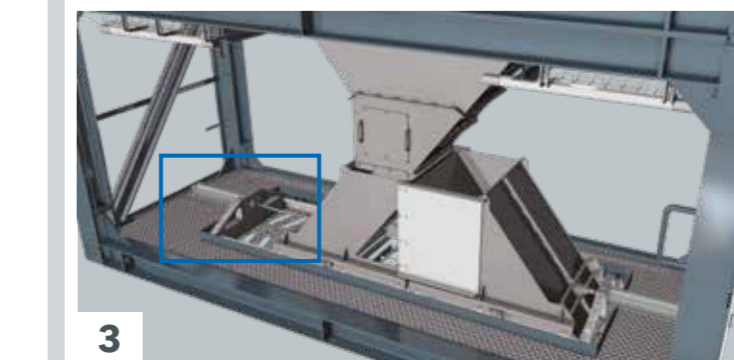
(The outlet transfer from the mixer changes only through cylinder stroke)



1



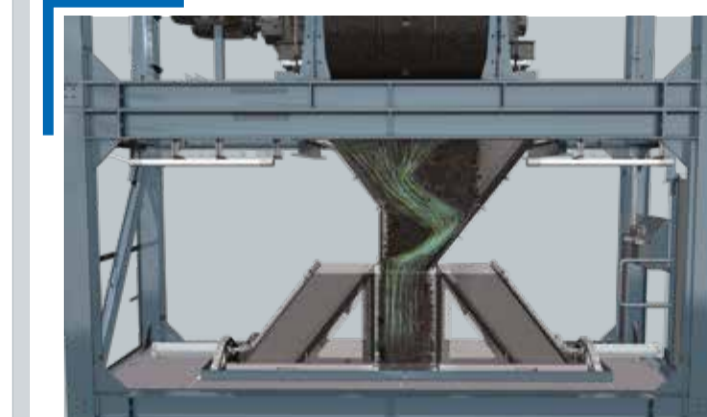
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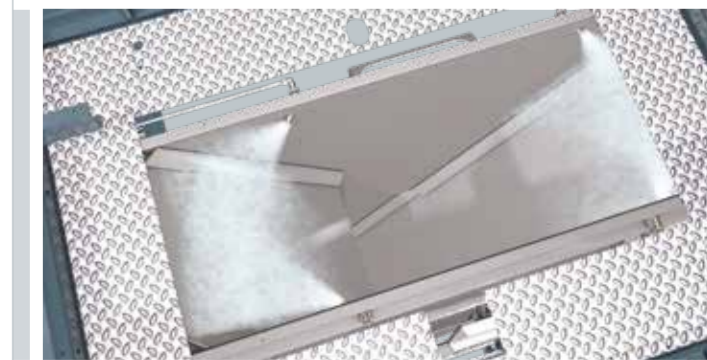
Quality-oriented.

Optimum quality of the end product



14. Minimisation of the segregation in the asphaltic mixture through:

- > Active mixing in the material transfer drained horizontally, introduced into the hopper 90° rotated
- > Proven BENNINGHOVEN mixed material storage silo geometry



15. Release agent introduced through nozzles to prevent material attachment.

- > For preventing material adhesion, release agent is introduced into the diverter chute through nozzles before discharge.