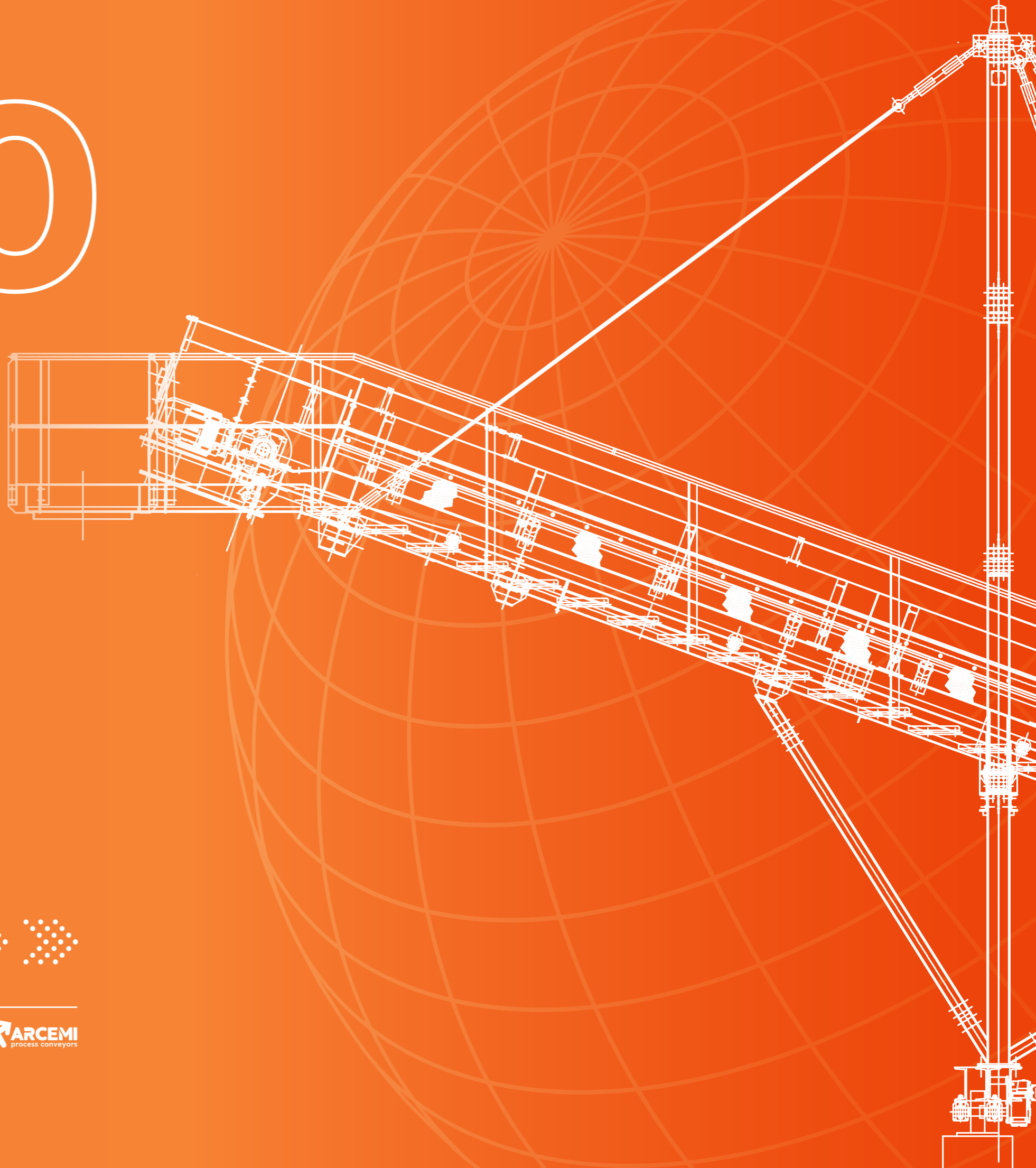


BELT CONVEYORS

10



BELT CONVEYORS

10.1

CODE BC



DESCRIPTION

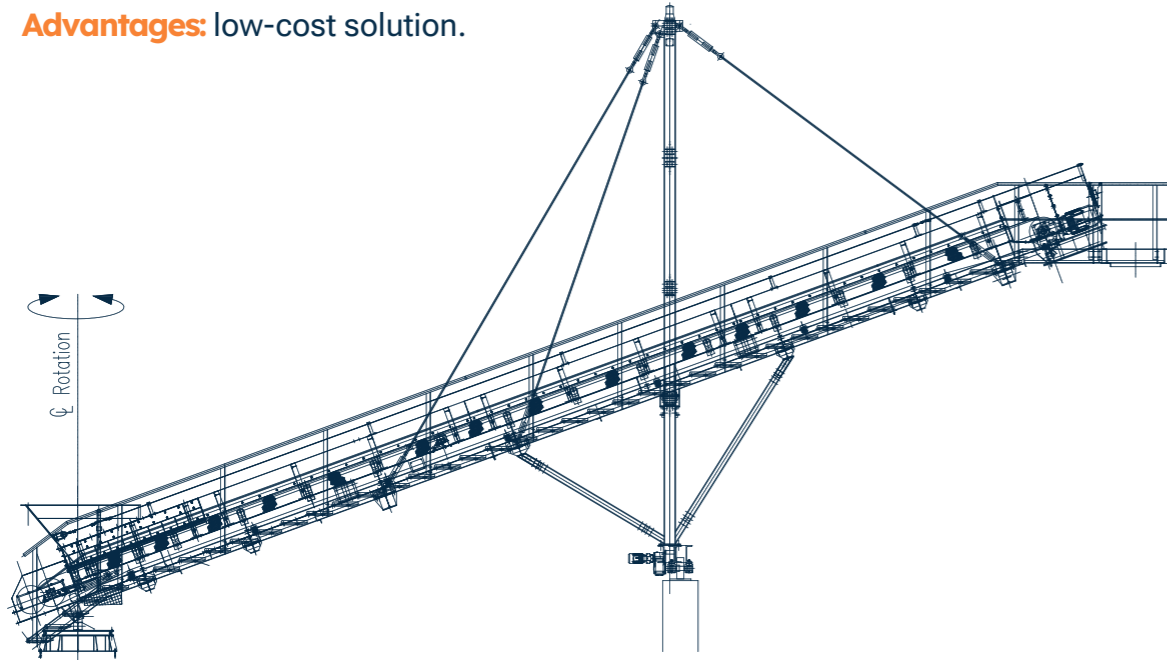
Field of use: high capacities on long distances possible.

Technical description: design following CEMA or ISO, including steel structures and transfer tower, safety guards and monitoring devices.

Standard dimensions: from 650 to 2000 mm.

Versions: with spillage conveyor at outlet, steel or nylon poliester carcass belt, gravity tensioning systems, impact bars, shock absorbers.

Advantages: low-cost solution.





BELT FEEDERS

10.2

CODE BC-FEE



DESCRIPTION

Field of use: feeding of powder materials.

Technical description: heavy-duty design, steel cord belt, impact bars, sealing system bar gate.

Standard dimensions: from 600 to 3000 mm.

Versions: with spillage conveyor at outlet, steel or nylon polyester carcass belt, gravity tensioning systems, impact bars, shock absorbers.

Advantages: low-cost solution.



BELT WEIGHT FEEDERS 10.3

CODE BC-WE



DESCRIPTION

Field of use: feeding and weighing of powder materials.

Technical description: belt weight bridge with load cells, speed monitor, integrator for weighing and capacity metering.

Standard dimensions: from 600 to 2200 mm.

Versions: with spillage conveyor at outlet.

Advantages: low-cost solution.



PIPE CONVEYORS

10.4

CODE BC-PE



DESCRIPTION

Field of use: conveying over long distances with low power consumption.

Technical description: belt conveyors with folded shape of the belt in the conveying range complete with hexagonal idler stations.

Standard dimensions: from Ø500 to Ø1000 mm.

Versions: with spillage conveyor at outlet.

Advantages: low power consumption, plant area optimization, no spillage, conveying at return drum, low space requirements.



TRIPPER CARS

10.5

CODE BC-TR



DESCRIPTION

Field of use: loading a stockpile and distributing the bulk material in the stockpile in a eveny and if requested automatic way.

Technical description: the tripper and consequently the shooter belts run along the stockpile with controlled position depending on operator controls or PLC control. The main belt equipped with tripper supplies with bulk material the transversal belt, which runs left or right and supplies the belt shooters which launches the material either on the left side of stockpile or right side depending on operator request or control logic. The Shooter belts are equipped with frequency inverter for speed control, level sensors (min and max level) and position control on the stockpile length in order to fill the stockpile in an even way (automatic control) and /or in the area requested by the operator. The tripper runs on rails supported by a steel structure. A cable carrier chain supplies the elec power to tripper wagon, transversal belt and shooters electric motors.

Standard dimensions: belt width from 500 to 2000.

Versions: manual operation control, with operator or automatic by means of a process logic. The belt shooter not only left or right shooting, but pivoting on an about 160° angle.

Advantages: continuous automatic loading of stockpiles.

