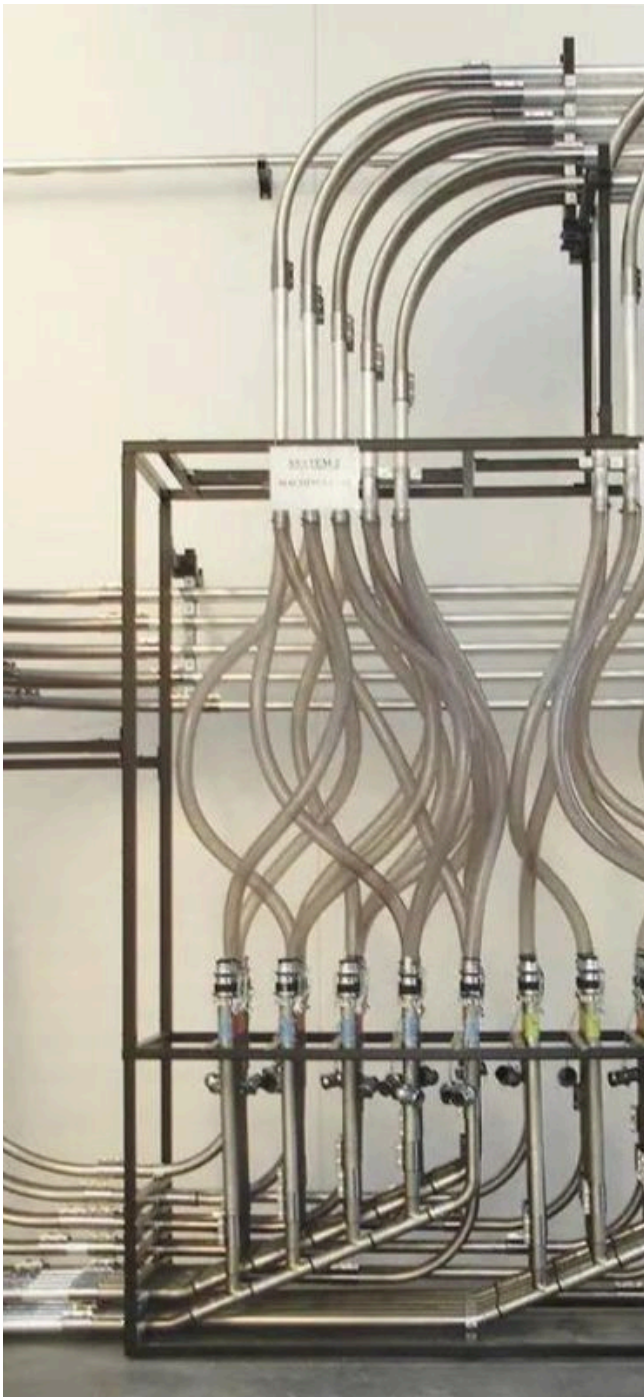




An integrated container unloading and conveying system combining unloading and transfer functions. The unloading equipment can be installed horizontally above ground level — no pit excavation required, making installation flexible. Combined with a big bag packer it enables integrated unloading and packing, with controllable dust and enclosed conveying. It handles powders and granular materials and offers high unloading and conveying capacities, with a safe, reliable system and low maintenance cost.

System Composition: Typically comprising a container unloading platform, dust collection system, pneumatic conveying unit (pressure vessel + enclosed conveying pipeline), receiving silo and electrical control system. Powder enters the conveying equipment at the unloading platform and is conveyed through enclosed pipelines to the storage silo or packing station. With pipe-assisted air injection and wear-resistant fittings, continuous unloading over long distances and high lifting heights is achievable.

Key Features

- ◆ Proven at a customer site: 40 t/h unloading capacity, 40 m vertical + 20 m horizontal conveying
- ◆ Ground-level installation, no pit required; quick to deploy and movable between sites
- ◆ Enclosed pipeline conveying with controllable dust
- ◆ Flexibly combined with pneumatic conveying, weighing and big bag packing to form an integrated unload–store–pack line
- ◆ Suitable for powders and granules, high unloading and conveying volumes, low maintenance cost

Materials & Industries

Fine Chemicals

Pigments, coating carbon black, graphite, titanium dioxide, iron oxide, ceramic powder, heavy calcium, kaolin, silica gel powder, activated carbon, PVC powder

Agrochemicals & Minerals

Urea, ammonium chloride, calcium bicarbonate, soda powder, solid pesticides, tungsten powder, pesticide additives, mineral powder, alumina powder

Building Materials

Cement, pottery clay, quartz sand, limestone powder, dolomite powder, glass fibre, silicon dioxide, talc powder

Food Industry

Cereals, milk powder, food additives, white sugar, flour and starch