



### **SYSTEM SOLUTION FOR MATERIAL TRANSPORT FROM UNDER THE BOILER**

We offer a system for transporting ash and slag from the boiler based on our experience and the development of the fuel base in recent years. It includes a portfolio of fuels – brown coal, biomass and transport for waste incineration that always bring different requirements for the technical and material solutions and subsequent transport.

The transport system is individually designed according to the customer's layout requirements and the quantity and temperature of the discharged material. A complete solution usually includes:

- Collection screw conveyors
- Cooling screw conveyors (solutions with shaft cooling, trough jacket and possibly screw blade cooling)
- Cooled chain conveyors
- Crushing
- Transport to subsequent transport depends on the type, temperature and fraction (e.g. pneumatic transport, transport to a storage container, etc.)

The offer includes design, production, delivery, installation and commissioning according to the basic parameters specified by the customer.

The design of all equipment meets the specific requirements of the customer. All products are subject to strict output controls based on the quality requirements of TRANSPORTA Technologies s.r.o.

The surface treatment corresponds to the environmental needs, the location of the conveyor and the type of material transported material.

The technical solution is designed by a technologist, from the conceptual solution to the final implementation documentation. Subsequently, as part of the implementation, we provide installation and commissioning with our capacities and partially manufacture individual system components. We then focus on service work and inspection of the equipment within the warranty period.

#### Reference:

- 22022Z INVELT SERVIS s.r.o. - Discharge of Boiler Bottom Ash at the Planá Heating Plant
- 22048Z INVELT SERVIS s.r.o. - Transport of Slag and Fly Ash from Boiler K12 at the České Budějovice Heating Plant
- 24011Z EKOL, spol. s.r.o. - Deslagging of the Boiler at the Brno Sever Heating Plant