

## Bridge frame:

- \* Hot rolled profiles with transverse and diagonal profiles;
- \* Hand railings:
  - \* Upper bar, height 1,10m above tread;
  - \* Intermediate bar at half height;
  - \* Plinth, height 150mm, according to ARAB.

## Wheel box:

- \* 4 guiding wheels each mounted on self-aligning ball bearings, dust- and waterproof;
- \* 4 side guide wheels to guide the bridge along the tank walls;
- \* All wheels are coated with the durable Vulkollan.

## Drive unit:

- \* 2 of the supporting wheels are driven.
- \* Motor-gearbox :
  - \* Hollow shaft motor;
  - \* Closed gearbox filled with oil;
  - \* Hermetic motor IP55;
  - \* Isolation class F;
  - \* Mounted on the outside of the bridge.

## Bottom scrapers:

- \* Triangles suspended on the bridge;
- \* Angled pulling profiles, attached to the bottom scrapers;
- \* Bottom scraper blades with adjustable height;
- \* Suspended by stainless steel cables to the cable drums.

## Surface scrapers:

- \* Suspended to the triangular profiles.

## Drive system scrapers:

- \* Hollow shaft gearbox motor, oil filled, motor IP55;
- \* Isolation class F;
- \* Fitted with electrical brake motor;
- \* Cable drums with grooved surface;
- \* All bearings can be greased from the surface of the bridge.

## Materials:

- \* Bridge: steel, with surface protection:
  - \* Sandblasting SA 2 ½;
  - \* Zinc spraying;
  - \* Epoxy painting 2 layers;
  - \* Surface finish: 2 component polyurethane paint;
  - \* Color of your choice;
  - \* All parts in contact with water: AISI 304

## Electrical equipment:

- \* All limit switches: type inductive proximity switches;
- \* Complete electrical control box with contactors, fuses, automatic switches, signal lamps;
- \* Complete wiring on the bridge;
- \* Electrical supply line.

