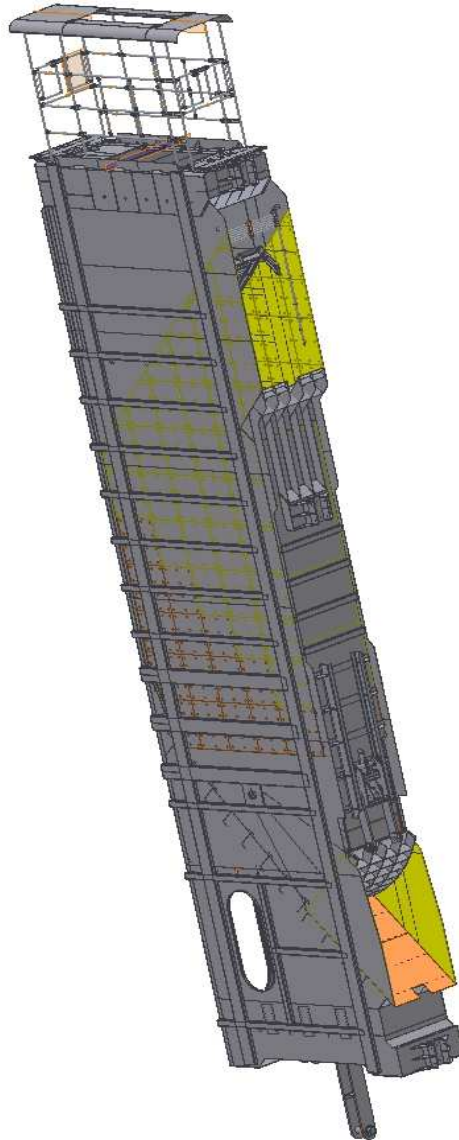


TRANSPORT VESSELS – SKIPS

Utilization:

Skips are solid vessels of box design serving for direct transportation of raw ore.

Picture of a skip:



Technical Parameters:

Skips are manufactured as spare parts for existing mining equipment in operation or as new ones with innovated parameters according to the customer's request. Their dimensions are modified according to the given pit profile, their design answers to the given technical parameters: effective weight capacity, suspension of the winding (eventually compensatory) rope/s and further equipment, etc.

Transported volume /m3/	12 to 21
Transported weight	according to raw ore density
Mining speed	16 to 20 m/s
Wheel guiding	spring-loaded

Description:

The skip of the whole-welded design consists of the head, vessel and base. The head is formed by a solid frame with holes for the ropes suspension and followed with the skeleton longitudinal carrier rods. The head fronts are equipped with fixed shaft guides, above them there are solid consoles for installation of the spring-loaded wheel guiding. The upper part bordered with shelter sheet forms a floor for inspections and maintenance work. The vessel consists of a frame structure made of longitudinal carrier rods, covered with sheet and enforced with crossbars. On the face of the upper part there is a charging hole, in the bottom part there is an inclined slip and a discharge hole closed with a guillotine or segment turning shutter. The inclined slip and its sides is covered with wiping sheet, above the shutter there is a relieving roof. On the face of the middle part there are middle fix shaft guides. Under the slip there is a closed space for transportation of persons equipped with a door. The base is formed by a compact frame where the longitudinal carrier rods are ended. On the faces of the bottom part there are consoles for wheel guiding and fix shaft guides, in the middle part there are beams for anchoring the lower compensatory ropes suspensions.

The skip equipment consists of: winding ropes cross suspensions with hinges, spring-loaded wheel guiding of the heavy type, removable guard-rail with the roof, lower compensatory ropes suspensions with hinges.

Safety:

The skips determined for the mining industry shall with their design answer to the safety requirements of the Public Notices No. 22/1989 Coll. and No. 415/2003 Coll. of ČBÚ (Czech Mining Office Board).

Delivery:

Skips are delivered with a protective coating, the functionary surfaces are preserved with preserving oil. Such skip equipment as the wheel guiding, guard-rails, shelter and gates are delivered separately.

The integral part of the delivery is the accompanying documentation: the assembly drawing, Operation Manual, the list of spare parts, Manufacturer's Certificate, material certificates, Test Reports.

Assembly:

The assembly of the skip shall be only performed by experienced and trained staff authorized for such work by the company leadership. The assembly shall run under the technical supervision, before starting the equipment operation it is necessary to carry out a test run according to the company leadership determination.

Guarantee:

The product is given a guarantee of 18 months as from the date of the operation start, however maximum 24 months after the delivery. If the instructions in the Operation Manual are not followed the guarantee of the product is left aside. The recommended service life-time is 10 years.