

MODEL PO-09 TYPE A PACKAGING

USE

The packaging container consists of the PO-09 type B (U) transport container and a shielded compartment for radioactive substances, which is placed inside the container. The transport container allows the transport of various shielding containers and irradiation heads containing special forms and other than special forms of radioactive substances from low-activity radioactive waste to shielding containers with significant sources of radioactive radiation which, separately, do not comply with transport conditions.

The PO-09 transport container can be used to transport various shielding containers and irradiation heads containing radioactive substances up to a weight of

1,850 kg

with the maximal nested activity corresponding to the equivalent of

1,250 TBq ⁶⁰Co

and with the maximal heat output of the radioactive substance being

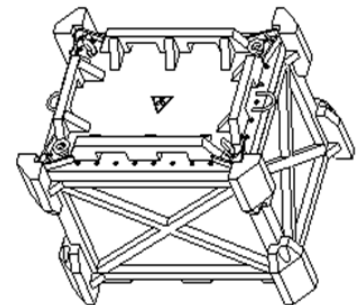
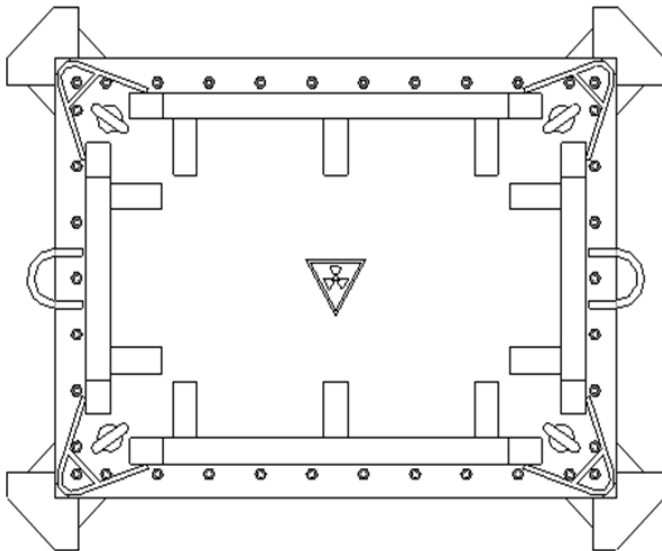
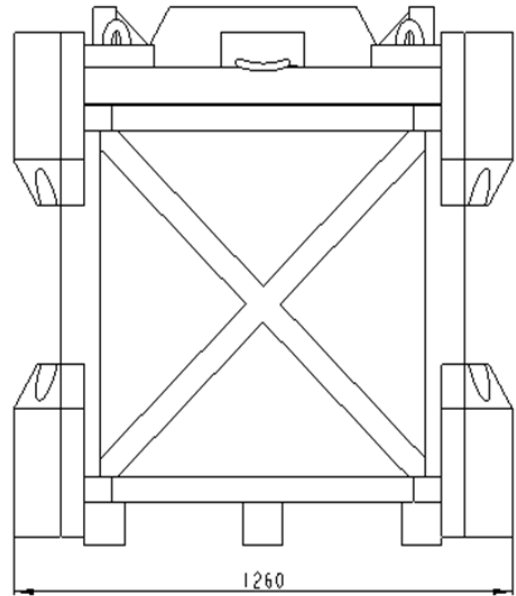
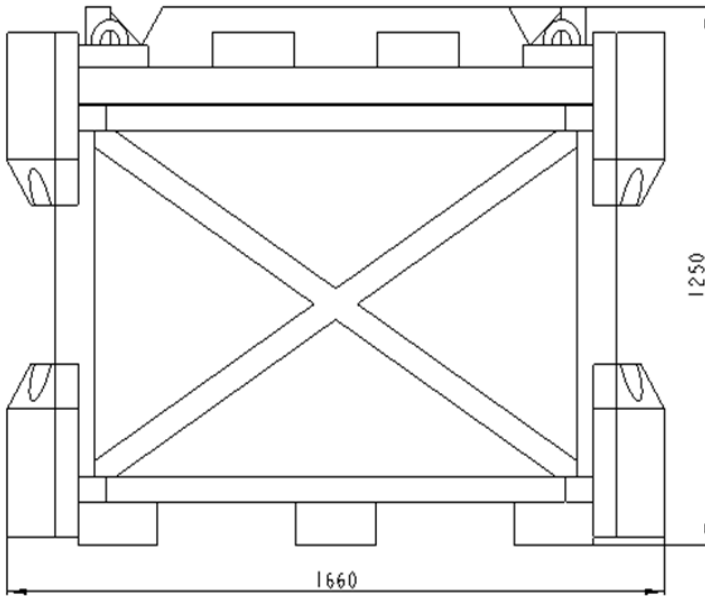
500 W

on condition that the dose equivalent input on the outer surface of the packaging container does not exceed **2 mSv/hour** and at a distance of 1 m from the outer surface of the packaging container does not exceed **0.1 mSv/hour**.

TECHNICAL DATA

Packaging type:	Type B(U) for other than special forms and special forms of radioactive substances and liquids
Inner utilisable area– width x length x height:	820×1,220×920 mm
Outer dimensions – width x length x height	1,260×1,660×1250 mm
Maximal thermal power:	500 W
Shield thickness : - steel:	10 mm
Maximal load-bearing capacity (weight of shielding container):	1,850 kg
Maximal weight of empty transport crate:	1,600 kg
Total max. weight of packaging container:	3,450 kg

Diagram of PO-09 packaging container
Max. weight: 3 450kg



Photograph of PO-09 packaging container
Max. weight: 3 450kg

