## MODEL P 200 TYPE B(U) PACKAGING

## USE

The packaging set P 200 type $B(U)$ is for the transport of radioactive sources of a special form and other than a special form, using a special shielding container. This allows one to perform the exchange outside of a workplace specialized for radioactive sources - overcharging the sources directly at the workplace. The approved radioactive content in the packaging set may reach the following maximum activity:

## 200 TBq ${ }^{137}$ Cs

Furthermore, radioactive substances of unlisted level up to values $A_{1}, A_{2}$ pursuant to the tab. 1, annex no. 3 of the Decree no. 317/2002 Coll. or pursuant to the tab. I, part IV, Safety Standards no. TS-R-1 (ST 1, revise), Regulations for Safe Transport of Radioactive Material 1996 Edition, IAEA can be transported in this packaging set. The condition for use is to maintain the input of the dose equivalent on the external surface of the packaging set, which must not exceed the value $2 \mathrm{mSv} / \mathrm{hod}$.

## TECHNICAL DATA

Packaging:
Transported sources of radiation:
Maximum inserted activity:
Maximum internal dimensions of the nest:

Shielding-overcharging container
Shielding material thickness: uranium: $61,5 \mathrm{~mm}$
wolfram: $\quad 65 \mathrm{~mm}$
steel: $\quad 10 \mathrm{~mm}$

Maximum external dimensions (without $\varnothing 248 \times 500 \mathrm{~mm}$ suspension screws):
Maximum weight of the shielding 345 kg container itself including the filling:

## Transport case

Thickness of the used shielding - steel: 11 mm
Maximum external dimensions (without $\varnothing 450 \times 705 \mathrm{~mm}$ the manipulation palette):
Maximum weight of the transport case 135 kg itself:

## Manipulation palette

Maximum external dimensions:
Maximum weight:
Packaging set
Maximum size:
Total max. weight of the packaging set
$520 \mathrm{~mm} \times 680 \mathrm{~mm} \times 135 \mathrm{~mm}$ 20 kg
$520 \mathrm{~mm} \times 680 \mathrm{~mm} \times 840 \mathrm{~mm}$ 500 kg

Shielded overcharging packaging P 200
Weight: 345 kg


## Packaging set P 200

Weight: 500 kg


