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AMENDMENT 2
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**Earth-moving machinery — Human physical
dimensions of operators and minimum
operator space envelope**

AMENDMENT 2

*Engins de terrassement — Dimensions ergonomiques des conducteurs et
espace enveloppe minimal*

AMENDEMENT 2

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Foreword

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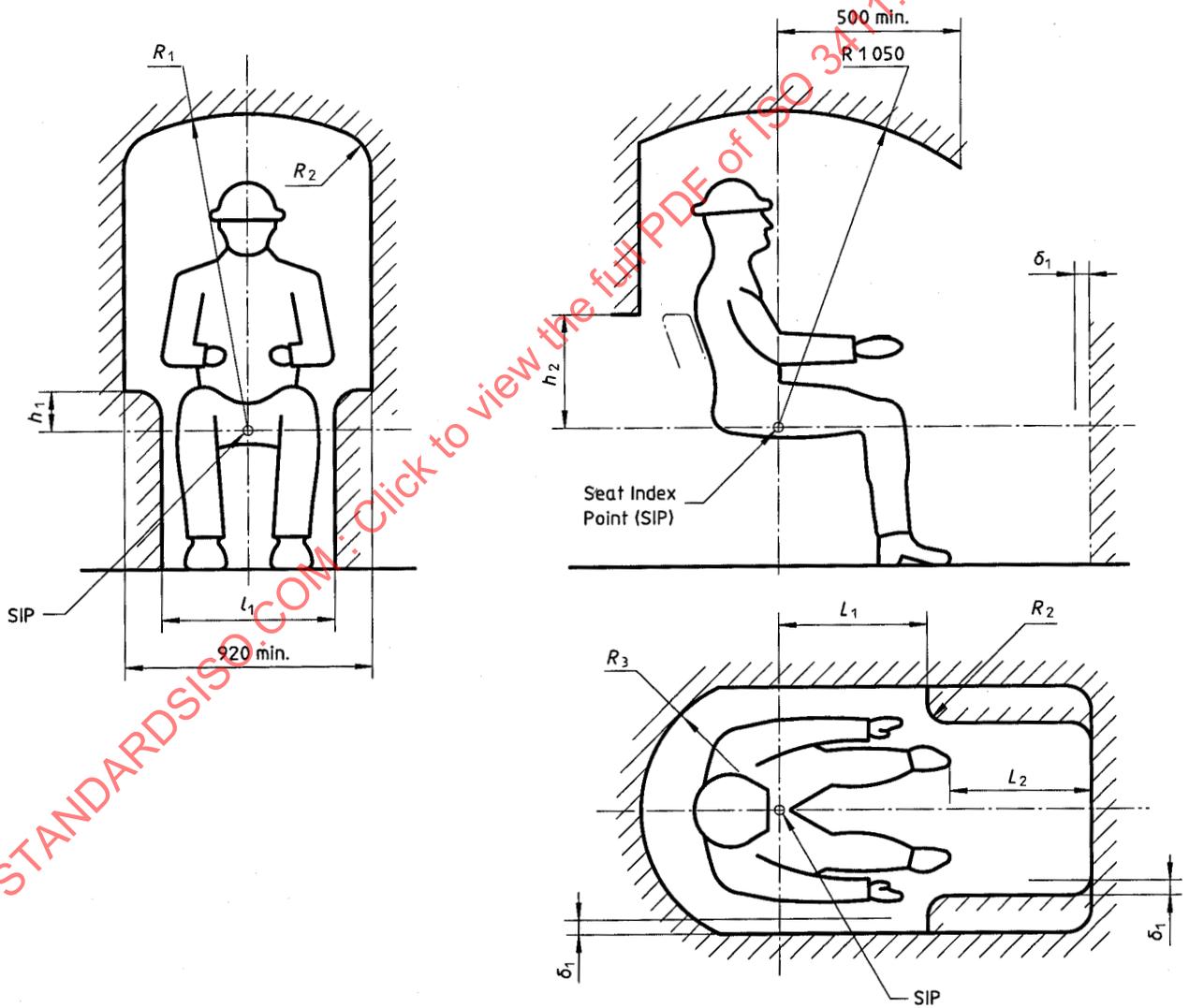
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Earth-moving machinery — Human physical dimensions of operators and minimum operator space envelope

AMENDMENT 2

Page 6, figure 5

Replace the existing figure 5 with the following figure 5 and table 1.



NOTE — Dimensions are given in table 1.

Figure 5 — Operator minimum normal interior space envelope for enclosure — Seated clothed operator

Table 1

Dimensions in millimetres

Reference	Designation	Dimension
δ_1	Clearance between enclosure and controls at their closest to the enclosure	50 min.
R_1	Distance between SIP and the enclosure ceiling in the transverse plane: <ul style="list-style-type: none"> — with the operator wearing a protective helmet, on a seat with suspension and adjustment, where the machine has engine power above 150 kW — with the operator not wearing a protective helmet, on a seat with suspension and adjustment, where the machine has engine power between 30 kW and 150 kW — with the operator not wearing a protective helmet, on a seat that has neither suspension nor adjustment, where the machine has engine power less than 30 kW 	1 050 min. 1 000 min. 920 min.
R_2	Radius at the intersection of enclosure's internal walls with each other and with the ceiling	250 max.
R_3	Distance towards rear	1)
h_1	Vertical distance between SIP and the lower end of upper side walls of the enclosure	150 max.
h_2	Vertical distance between SIP and the lower end of upper back wall of the enclosure	2)
l_1	Width within the space for the legs	560 min.
L_1	Clearance for forearm/hand within the upper side areas of the enclosure	500 min.
L_2	Clearance between the enclosure and the operator's arctic shoe working a pedal or foot-control in any position	30 min.

1) At least $b + 400$ mm, where b is equal to half the horizontal seat adjustment dimension.

2) This dimension shall be equal to the vertical distance between the SIP and the top of the seatrest adjusted to its lowest position.

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Descriptors: earth-moving equipment, operating requirements, human body, dimensions, operating stations, ergonomics.

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