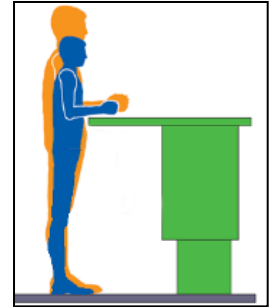
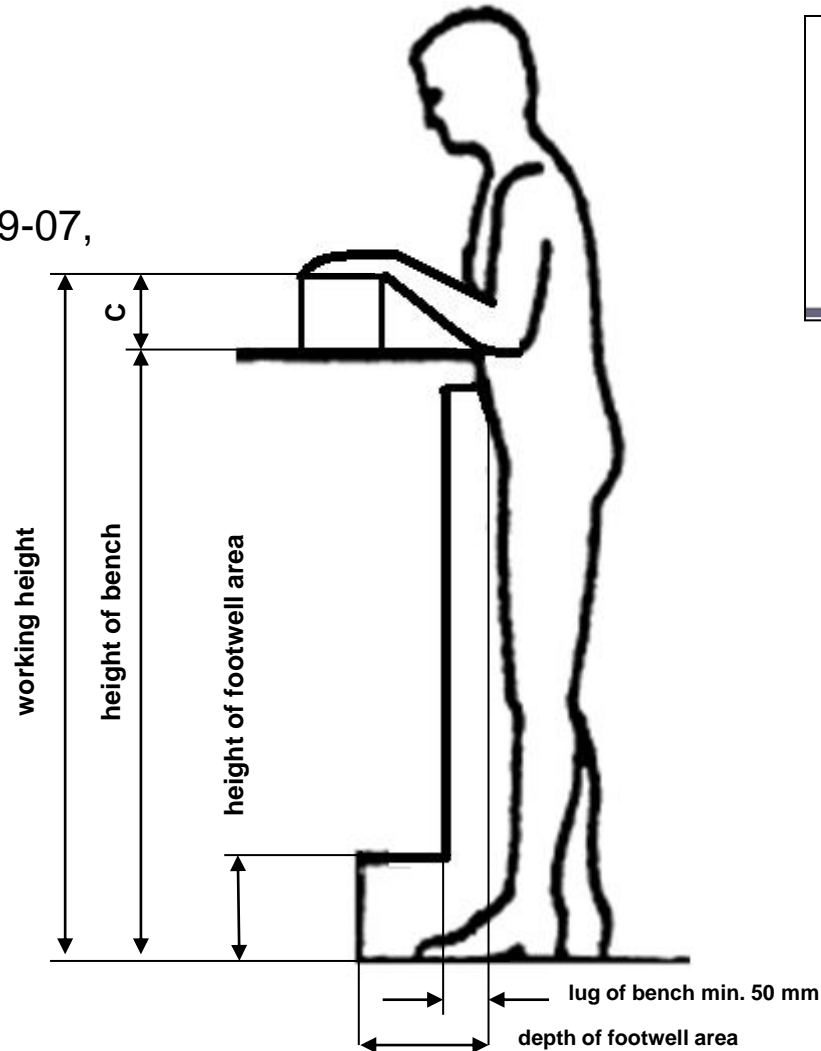


[4b] Workplace in standing position

Fixed height of bench



- ▶ Dimensions with supplement for movement of feet (following DIN EN ISO 14738: 2009-07, DIN CEN ISO/TR 7250-2)
- ▶ All dimensions in [mm]



[4b] Workplace in standing position

Fixed height of bench



Table 1: Dimensions [mm] for work tasks with “high requirements for visual control” and “fine motor skills” (k=1,2) (following DIN EN ISO 14738: 2009-07, DIN CEN ISO/TR 7250-2)

	Europe	Germany			Korea		
	M/F	M	F	M/F	M	F	M/F
Working height	1275	1320	1224	1281	1253	1163	1213
Height of bench	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C
Height of footwell area	96	96	96	96	96	96	96
Depth of legroom	50**	50**	50**	50**	50**	50**	50**
Depth of footwell area	205	205	187	205	141	134	141

› Working height with high requirements for visual control and fine motor skills (k = 1,2)

** Fixed dimension for change of exposure by weight stabilizing on other foot

[4b] Workplace in standing position

Fixed height of bench



Table 2: Dimensions [mm] for work tasks with “average requirements for visual control and/or fine motor skills” (k=1) (following DIN EN ISO 14738: 2009-07, DIN CEN ISO/TR 7250-2)

	Europe	Germany			Korea		
	M/F	M	F	M/F	M	F	M/F
Working height	1063	1100	1020	1068	1045	970	1011
Height of bench	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C
Height of footwell area	96	96	96	96	96	96	96
Depth of legroom	50**	50**	50**	50**	50**	50**	50**
Depth of footwell area	205	205	187	205	141	134	141

› Working height with average requirements for visual control and/or fine motor skills (k = 1)

** Fixed dimension for change of exposure by weight stabilizing on other foot

[4b] Workplace in standing position

Fixed height of bench



Table 3: Dimensions [mm] for work tasks with “minor requirements for visual control, activities with increased use of muscle of upper part of the body” (k=0,9) (following DIN EN ISO 14738: 2009-07, DIN CEN ISO/TR 7250-2)

	Europe	Germany			Korea		
	M/F	M	F	M/F	M	F	M/F
Working height	956	990	918	961	940	873	910
Height of bench	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C	Working height - C
Height of footwell area	96	96	96	96	96	96	96
Depth of legroom	50**	50**	50**	50**	50**	50**	50**
Depth of footwell area	205	205	187	205	141	134	141

› Working height with minor requirements for visual control, activities with increased use of muscle of upper part of the body (k = 0,9)

** Fixed dimension for change of exposure by weight stabilizing on other foot

[4b] Workplace in standing position

Fixed height of bench



Definitions:

- › **C** is the distance between area of manual handling and work bench surface (height of object / tool)

Further Information:

- › For checking purposes after design of work places it is always recommended to calculate and validate that there is enough free space for thighs ([calculation.pptx](#))
- › [Information to working height and height of work bench](#)
- › [Explanation of the parameter k](#) to consider visual and fine motor skills
- › [An example for the calculation of \[4b\]](#)