

Working area

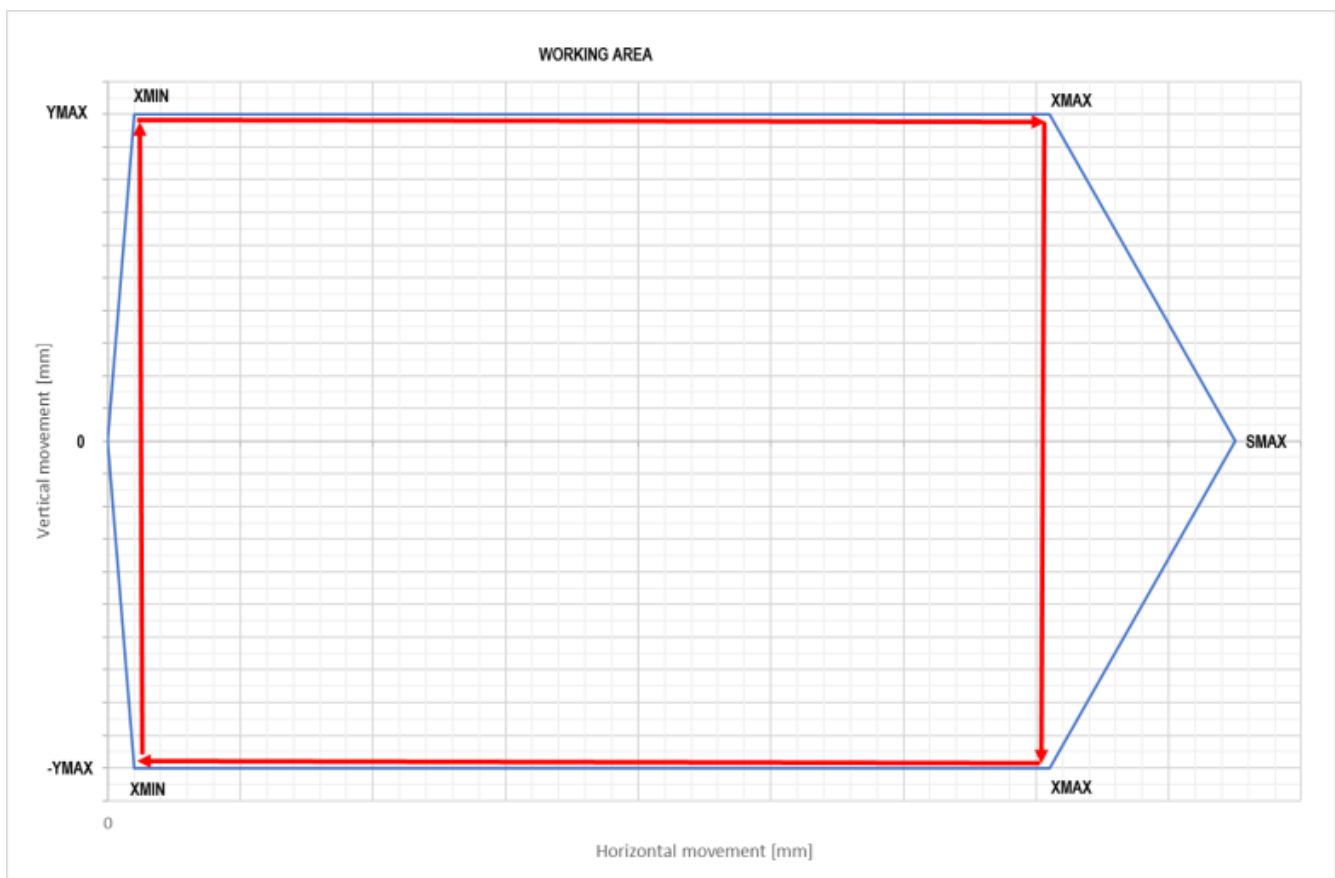
The working area inside the Red rectangle in the graph below can be calculated using the following formula.

XMIN = 10 mm.

SMAX = Linear motor total stroke.

YMAX = Robot_arm_length x SIN(40°). For example with arm length of 175mm \Rightarrow 110mm, -YMAX = -110mm.

XMAX = SMAX - (Robot_arm_length / 2). For example Smax = 425mm - 87,5mm \Rightarrow 337 mm.



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